

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123446.D
 Acq On : 24 Mar 2021 18:55
 Operator : JU/CG
 Sample : M1776-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.222	16	23	29	rVB	1400919	1831982	4.17%	0.362%
2	5.563	587	591	598	rVB	2416842	3744171	8.52%	0.740%
3	6.592	755	766	778	rBV	1457089	4995247	11.37%	0.988%
4	6.751	788	793	796	rBV2	1017946	1184896	2.70%	0.234%
5	6.916	817	821	825	rBV2	1621371	1518502	3.46%	0.300%
6	7.475	908	916	919	rBV2	3108651	3938594	8.96%	0.779%
7	7.516	919	923	926	rVB	2721520	2450890	5.58%	0.485%
8	7.569	926	932	934	rBV	3603747	3803826	8.66%	0.752%
9	7.628	934	942	944	rBV3	898338	2010309	4.57%	0.397%
10	7.951	993	997	1002	rVB4	987807	1792425	4.08%	0.354%
11	8.186	1033	1037	1042	rVV2	5431529	6546752	14.90%	1.294%
12	8.263	1046	1050	1053	rVB2	1853872	1881236	4.28%	0.372%
13	8.498	1084	1090	1096	rBV5	1443369	2387910	5.43%	0.472%
14	8.580	1101	1104	1107	rVV3	1522944	1725358	3.93%	0.341%
15	8.622	1107	1111	1114	rVV2	1674417	1706676	3.88%	0.337%
16	8.704	1121	1125	1128	rBV2	2030986	1959724	4.46%	0.387%
17	8.798	1137	1141	1144	rBV	5878795	5414605	12.32%	1.071%
18	8.904	1154	1159	1164	rVB2	1717704	2657863	6.05%	0.525%
19	9.027	1175	1180	1182	rBV2	1257379	1201932	2.74%	0.238%
20	9.139	1195	1199	1201	rVV3	1593977	2649811	6.03%	0.524%
21	9.163	1201	1203	1206	rVV2	1285976	1197345	2.72%	0.237%
22	9.227	1211	1214	1218	rVV3	1821650	2145454	4.88%	0.424%
23	9.280	1218	1223	1226	rVV	5334487	5006383	11.39%	0.990%
24	9.363	1233	1237	1241	rVV	5956151	5736019	13.05%	1.134%
25	9.433	1246	1249	1251	rVV2	1042908	1230128	2.80%	0.243%
26	9.686	1287	1292	1294	rVV3	1984362	2976420	6.77%	0.588%
27	9.704	1294	1295	1299	rVV3	1463960	1374537	3.13%	0.272%
28	9.763	1303	1305	1313	rVB3	1628516	1662556	3.78%	0.329%
29	9.898	1320	1328	1332	rBV	6052194	6165184	14.03%	1.219%
30	9.963	1336	1339	1341	rVB	1955921	1807937	4.11%	0.357%
31	10.204	1373	1380	1381	rBV2	2665287	4115853	9.37%	0.814%
32	10.280	1390	1393	1396	rVB	1823000	1503706	3.42%	0.297%
33	10.398	1406	1413	1415	rBV	5183896	4617178	10.51%	0.913%
34	10.616	1445	1450	1453	rBV	1502420	1923828	4.38%	0.380%
35	10.751	1468	1473	1475	rBV2	2686086	3066207	6.98%	0.606%
36	10.769	1475	1476	1482	rVB	3120616	2459026	5.60%	0.486%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.869	1490	1493	1502	rVV	3755174	4413228	10.04%	0.873%
38	10.963	1506	1509	1512	rVB	2499072	2240203	5.10%	0.443%
39	11.057	1521	1525	1530	rBV3	1915363	2827513	6.43%	0.559%
40	11.163	1533	1543	1546	rBV2	6881219	13093956	29.80%	2.589%
41	11.239	1553	1556	1559	rBV	2811622	2243682	5.11%	0.444%
42	11.321	1567	1570	1573	rVV	2923908	2763078	6.29%	0.546%
43	11.421	1581	1587	1589	rBV3	1730968	2366433	5.39%	0.468%
44	11.451	1589	1592	1597	rVB	2572053	2188252	4.98%	0.433%
45	11.498	1597	1600	1605	rVB	1829305	1962541	4.47%	0.388%
46	11.586	1609	1615	1619	rBV	4944457	6092816	13.86%	1.205%
47	11.680	1627	1631	1634	rBV	3638045	3159079	7.19%	0.625%
48	11.751	1639	1643	1648	rVV3	2143092	3144587	7.16%	0.622%
49	11.857	1656	1661	1666	rVB2	2364529	2479969	5.64%	0.490%
50	11.951	1667	1677	1682	rVV	8461146	20848288	47.44%	4.122%
51	12.068	1684	1697	1699	rVV	14451739	42169220	95.96%	8.337%
52	12.157	1709	1712	1715	rBV	3531990	2937807	6.69%	0.581%
53	12.233	1720	1725	1729	rVB2	2919220	4336797	9.87%	0.857%
54	12.274	1729	1732	1735	rBV	1338620	1172907	2.67%	0.232%
55	12.339	1739	1743	1749	rVB	2155517	2448898	5.57%	0.484%
56	12.410	1751	1755	1759	rBV2	2497848	2414608	5.49%	0.477%
57	12.510	1768	1772	1775	rBV	6535756	6162845	14.02%	1.218%
58	12.551	1775	1779	1784	rBV2	2390812	2766514	6.30%	0.547%
59	12.739	1800	1811	1818	rBV	13329651	26845599	61.09%	5.308%
60	12.815	1818	1824	1827	rVV2	8960697	13466978	30.65%	2.663%
61	12.927	1840	1843	1844	rVV	1192341	1203275	2.74%	0.238%
62	12.939	1844	1845	1850	rVB	1890200	1562294	3.56%	0.309%
63	12.992	1851	1854	1859	rVB	1998782	1799264	4.09%	0.356%
64	13.045	1859	1863	1866	rBV	3792951	3924255	8.93%	0.776%
65	13.192	1882	1888	1896	rVB2	1878899	2463741	5.61%	0.487%
66	13.280	1901	1903	1905	rVV	1560459	1235755	2.81%	0.244%
67	13.363	1914	1917	1920	rVB2	2648922	2254505	5.13%	0.446%
68	13.463	1931	1934	1938	rVV	3106057	2788905	6.35%	0.551%
69	13.539	1945	1947	1953	rVB2	1092114	1181012	2.69%	0.233%
70	13.621	1959	1961	1964	rVB	2423687	2204076	5.02%	0.436%
71	13.880	2001	2005	2009	rVB	1861789	1990331	4.53%	0.394%
72	13.957	2013	2018	2021	rBV	4902626	4983671	11.34%	0.985%
73	14.068	2032	2037	2039	rBV	7875166	9109557	20.73%	1.801%
74	14.098	2039	2042	2047	rVB3	8721437	10083073	22.95%	1.994%
75	14.274	2068	2072	2075	rBV	6576670	5916727	13.46%	1.170%
76	14.586	2119	2125	2128	rBV	7762086	8644687	19.67%	1.709%

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77	14.709	2142	2146	2149	rBV	5343486	5279743	12.01%	1.044%
78	14.745	2149	2152	2155	rVV	2734970	2495538	5.68%	0.493%
79	14.909	2175	2180	2184	rVB	7804556	8817422	20.07%	1.743%
80	14.986	2188	2193	2200	rVB	8430041	10689622	24.33%	2.113%
81	15.268	2234	2241	2250	rBV	7502102	12524590	28.50%	2.476%
82	15.668	2303	2309	2312	rBV	6231737	9351656	21.28%	1.849%
83	15.768	2323	2326	2334	rVB	1104720	1602660	3.65%	0.317%
84	15.962	2352	2359	2373	rVB4	475829	1458713	3.32%	0.288%
85	16.209	2376	2401	2407	rBV	12575008	43944028	100.00%	8.688%
86	16.286	2407	2414	2423	rVV4	1848008	4583953	10.43%	0.906%
87	16.374	2424	2429	2438	rVV2	1078142	3108384	7.07%	0.615%
88	16.480	2442	2447	2453	rVV2	1506958	3292374	7.49%	0.651%
89	16.551	2453	2459	2467	rVV	1924293	3592284	8.17%	0.710%
90	16.668	2469	2479	2483	rVV	3312093	7167766	16.31%	1.417%
91	16.721	2483	2488	2502	rVB2	2072297	5352069	12.18%	1.058%
92	17.198	2562	2569	2574	rBV2	602967	1233087	2.81%	0.244%
93	17.309	2575	2588	2594	rVV2	1842907	6326174	14.40%	1.251%
94	17.415	2594	2606	2615	rVV	7061041	21470414	48.86%	4.245%
95	17.515	2616	2623	2634	rVB5	706977	2273699	5.17%	0.450%
96	17.645	2637	2645	2658	rVV	1102496	3395295	7.73%	0.671%
97	18.039	2703	2712	2721	rBV	1188618	3480543	7.92%	0.688%
98	18.139	2722	2729	2740	rVB	845490	2255718	5.13%	0.446%
99	18.415	2767	2776	2792	rVB6	610680	2440835	5.55%	0.483%
100	18.692	2816	2823	2839	rVB3	461225	1375688	3.13%	0.272%

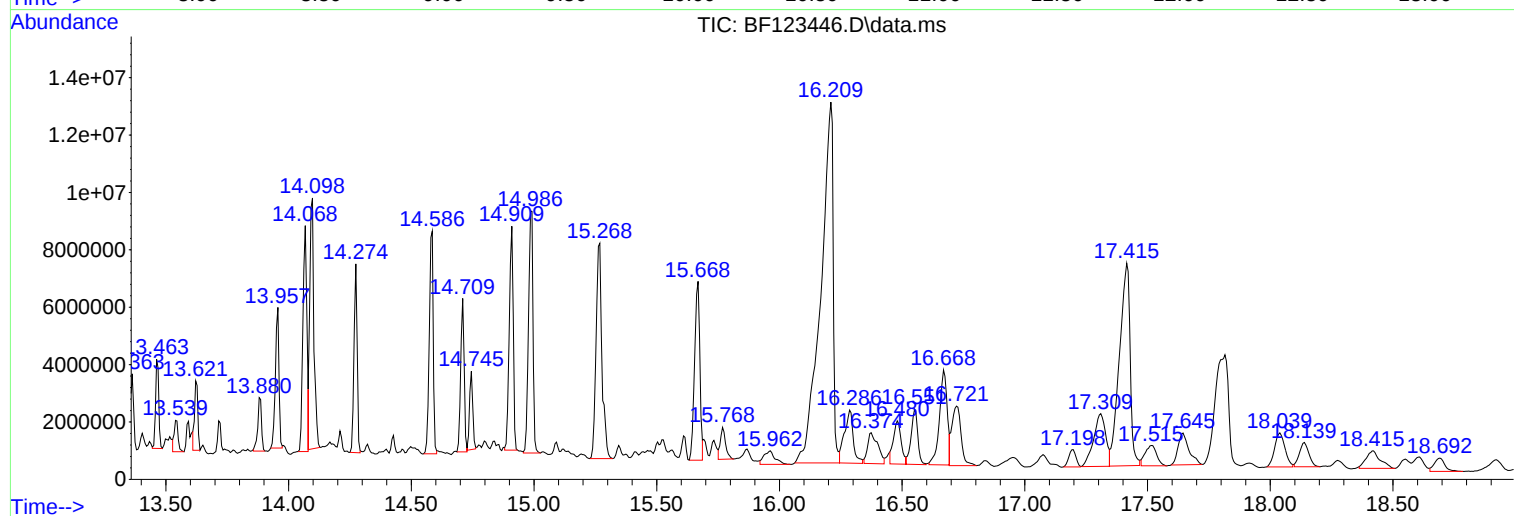
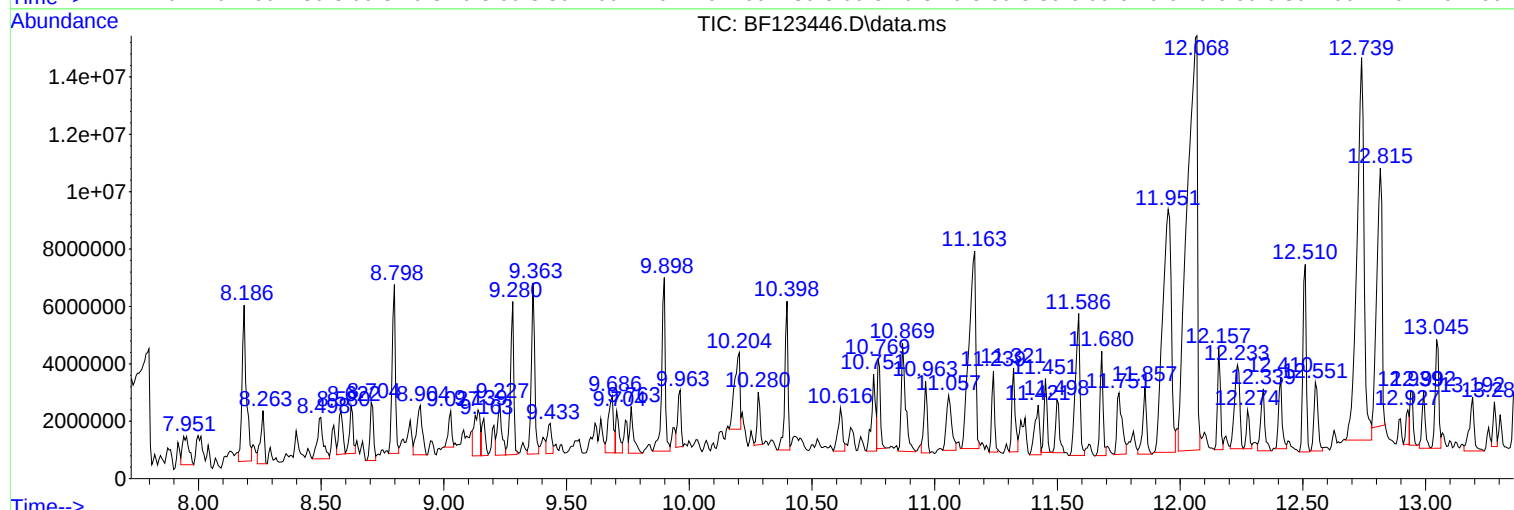
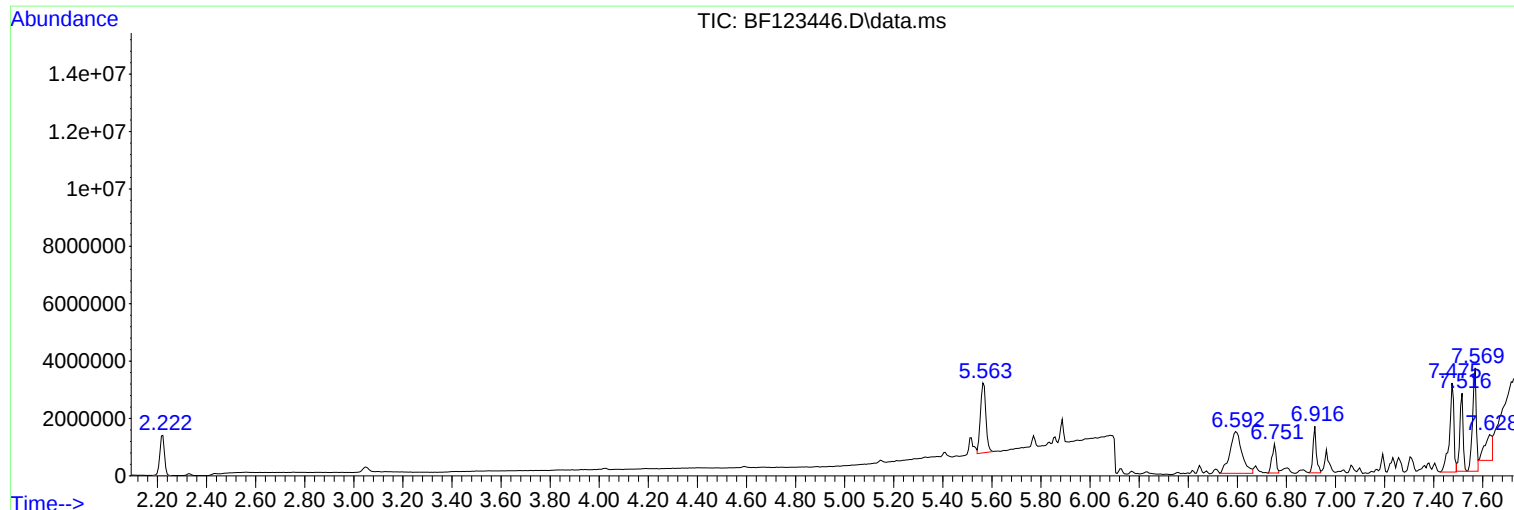
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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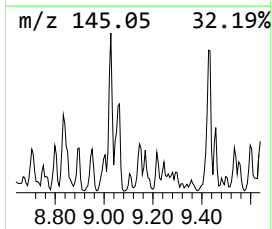
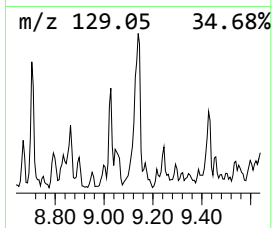
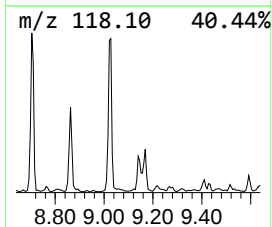
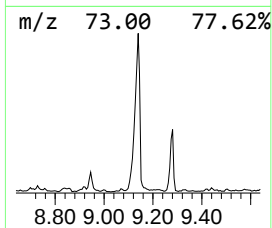
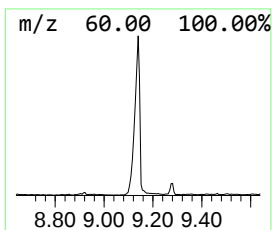
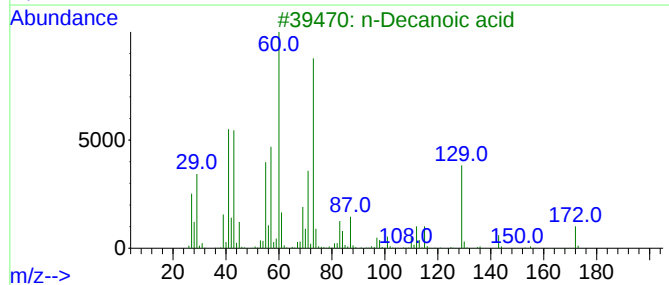
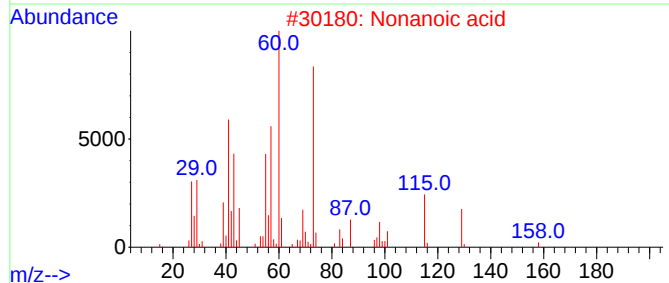
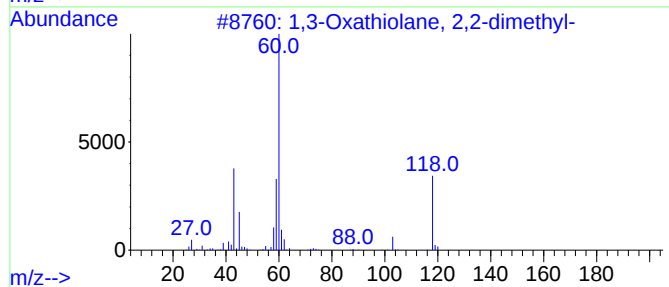
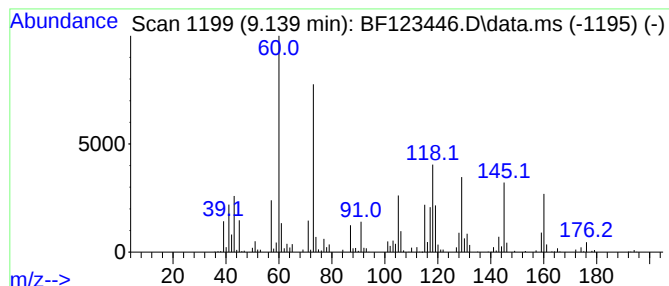
Instrument :
BNA_F
ClientSampled :
110

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown9.139 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.139	29.31 ng	2649810	Acenaphthene-d10	9.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Oxathiolane, 2,2-dimethyl-	118	C5H10O5	005684-31-1	35
2	Nonanoic acid	158	C9H18O2	000112-05-0	25
3	n-Decanoic acid	172	C10H20O2	000334-48-5	25
4	Octanoic acid	144	C8H16O2	000124-07-2	22
5	.beta.-D-Glucopyranoside, methyl	194	C7H14O6	000709-50-2	22



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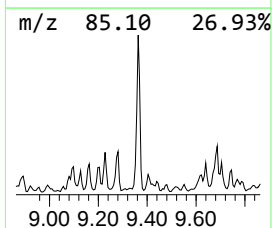
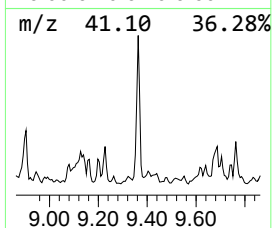
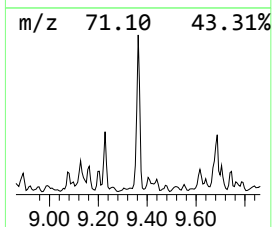
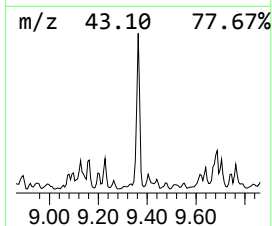
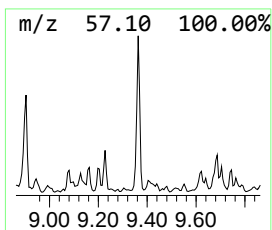
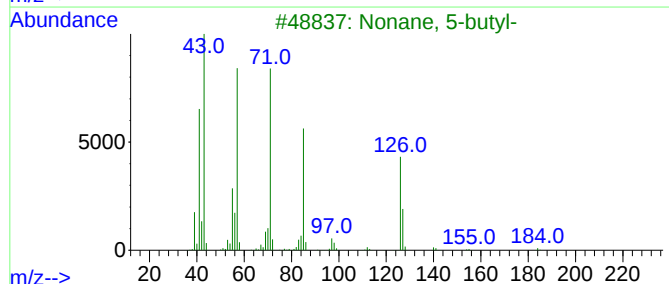
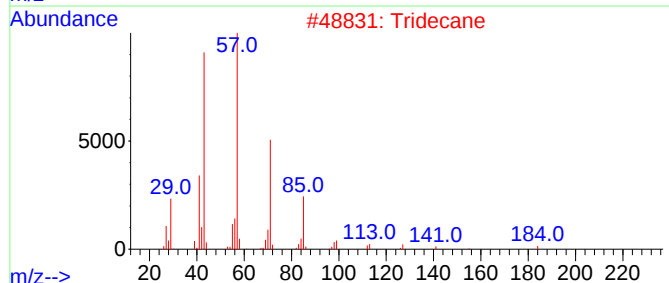
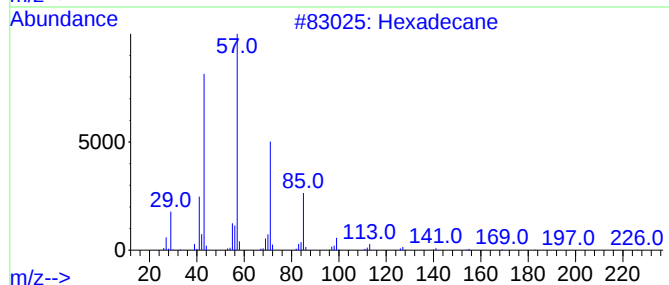
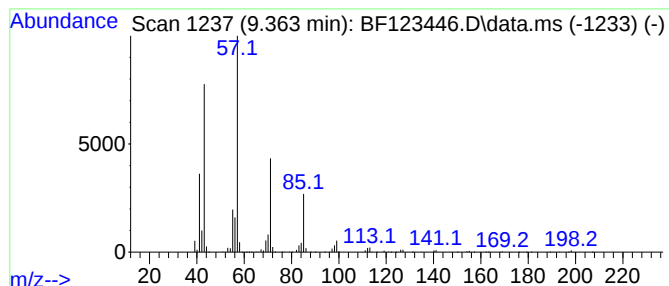
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	63.45 ng	5736020	Acenaphthene-d10	9.963

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
4		Dodecane	170	C12H26	000112-40-3	72
5		Tetradecane	198	C14H30	000629-59-4	70



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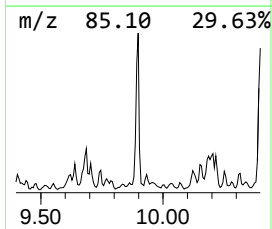
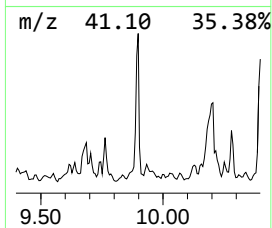
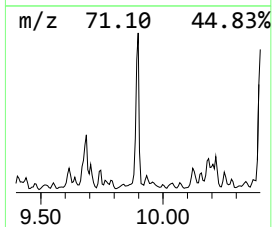
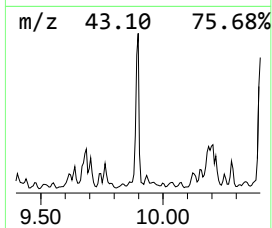
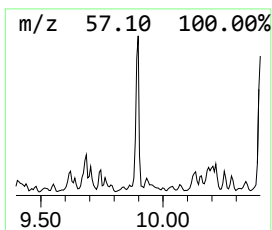
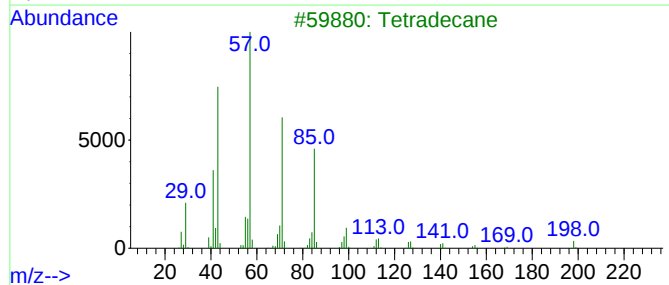
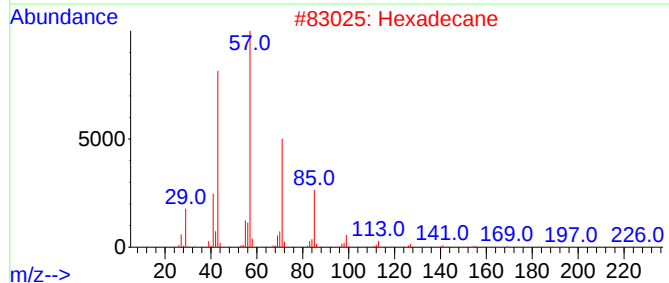
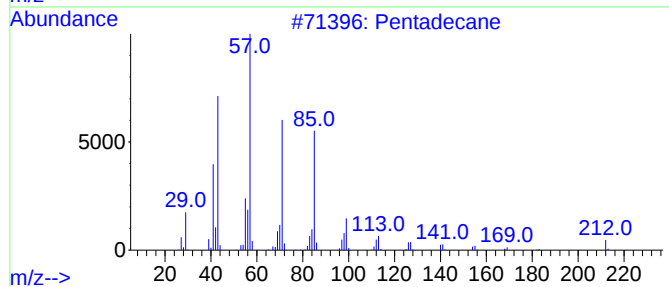
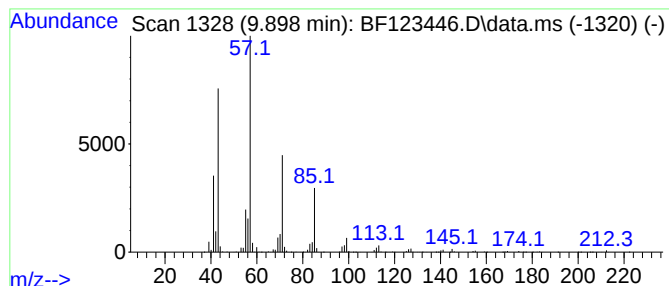
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.898	68.20 ng	6165180	Acenaphthene-d10	9.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Tetradecane	198	C14H30	000629-59-4	90
4			Dodecane	170	C12H26	000112-40-3	87
5			Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

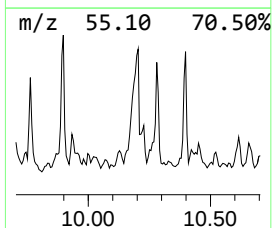
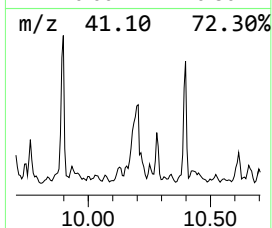
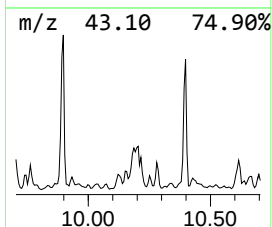
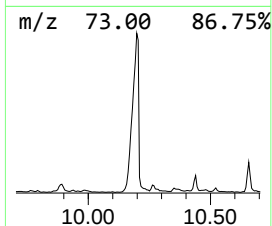
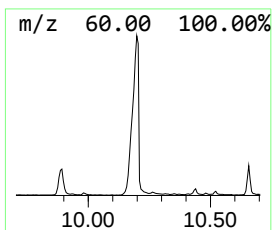
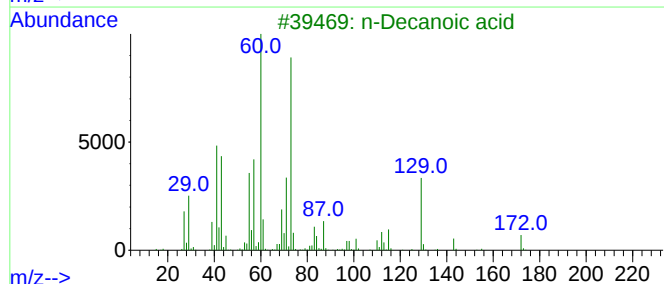
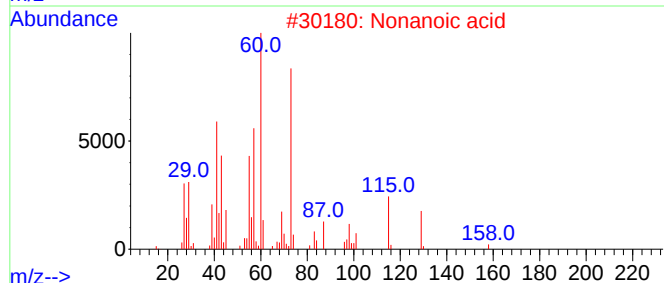
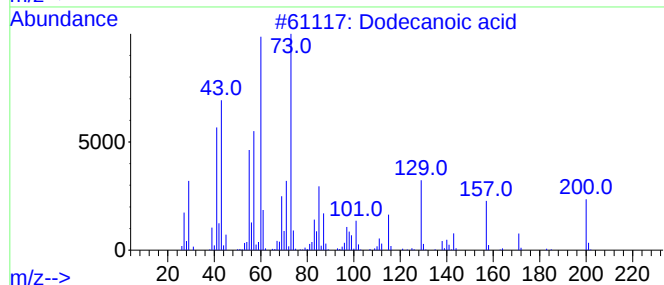
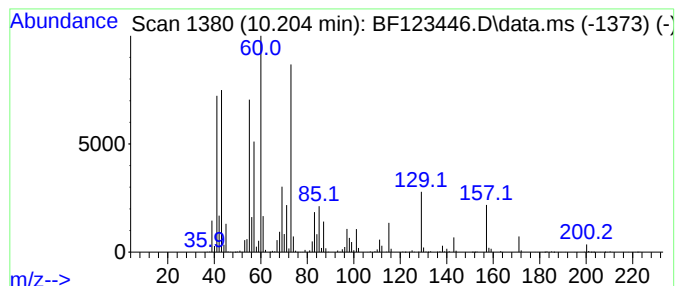
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.204	45.53 ng	4115850	Acenaphthene-d10	9.963	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	91
2	Nonanoic acid	158	C9H18O2	000112-05-0	58
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
5	3-Methyl-hexanoic acid	130	C7H14O2	1000365-65-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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Instrument :
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ClientSampled :
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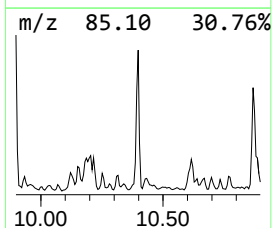
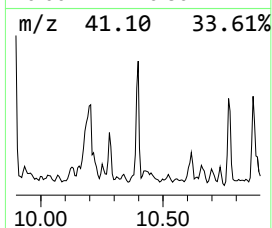
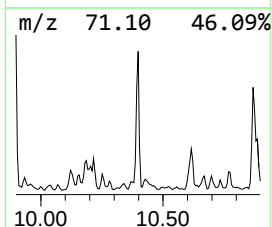
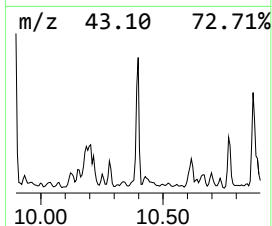
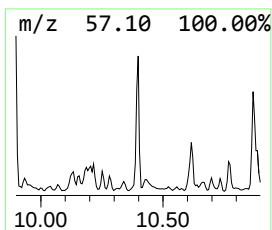
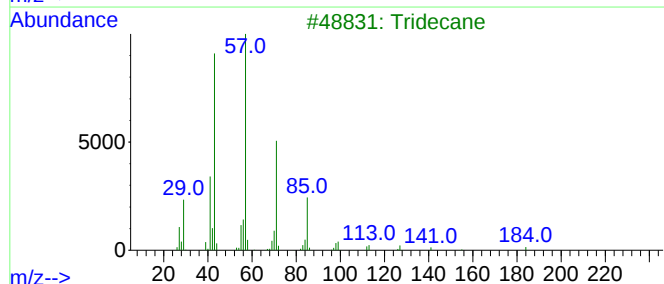
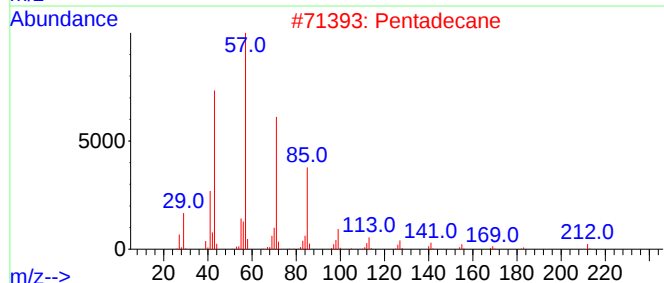
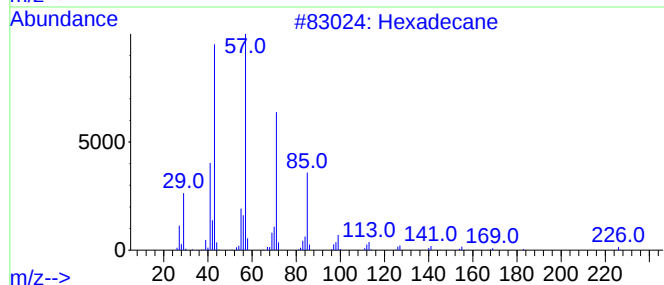
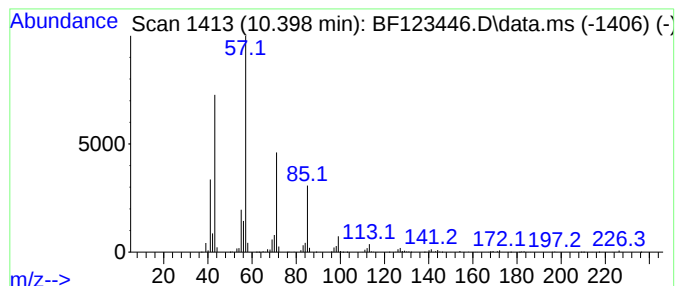
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.398	51.08 ng	4617180	Acenaphthene-d10	9.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tridecane	184	C13H28	000629-50-5	83
4			Tetradecane	198	C14H30	000629-59-4	80
5			Sulfurous acid, 2-propyl tetra...	320	C17H36O3S	1000309-12-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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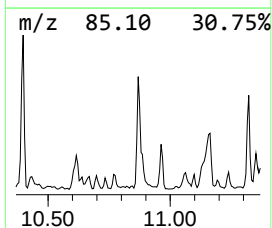
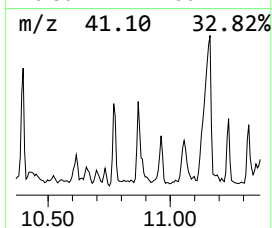
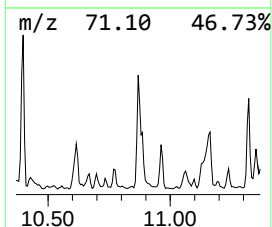
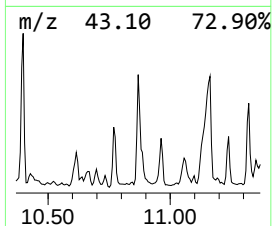
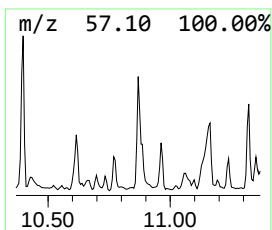
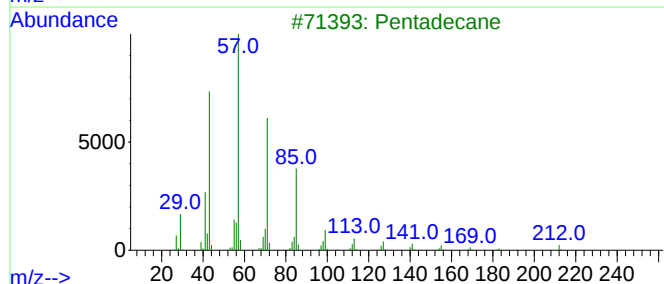
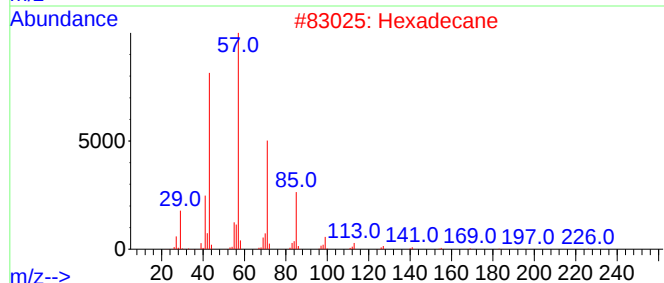
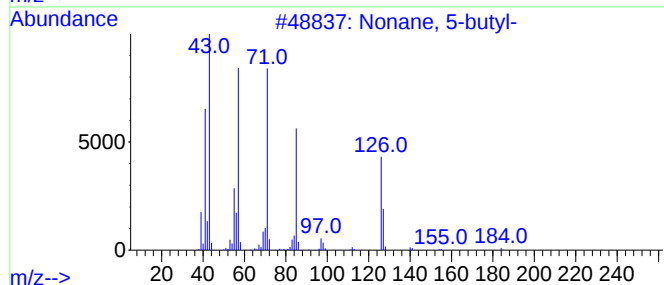
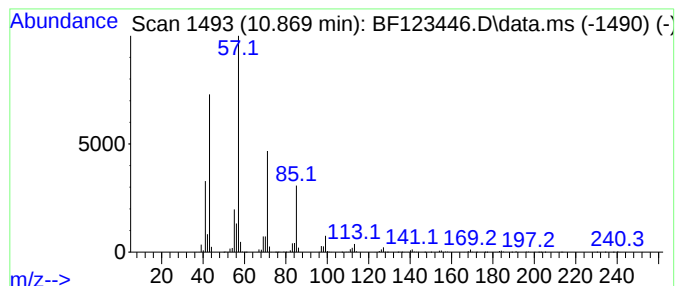
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Nonane, 5-butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.869	40.34 ng	4413230	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	89
2			Hexadecane	226	C16H34	000544-76-3	87
3			Pentadecane	212	C15H32	000629-62-9	86
4			Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
5			Eicosane	282	C20H42	000112-95-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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Acq On : 24 Mar 2021 18:55
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Misc :
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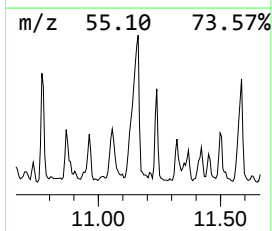
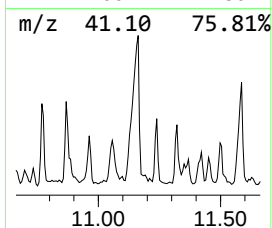
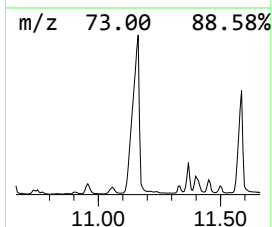
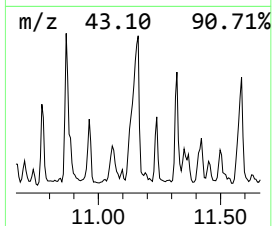
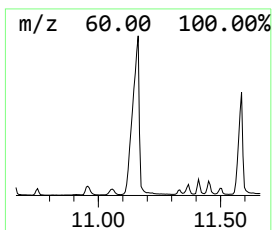
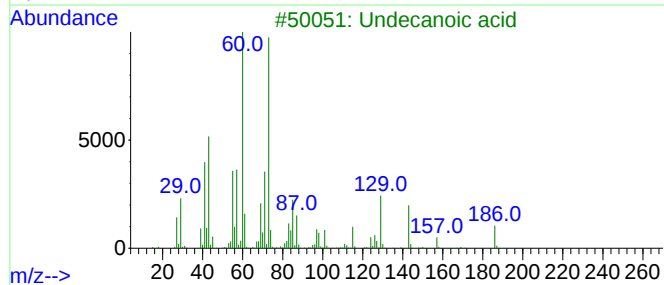
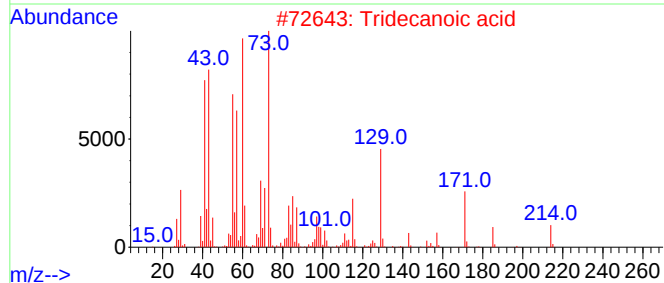
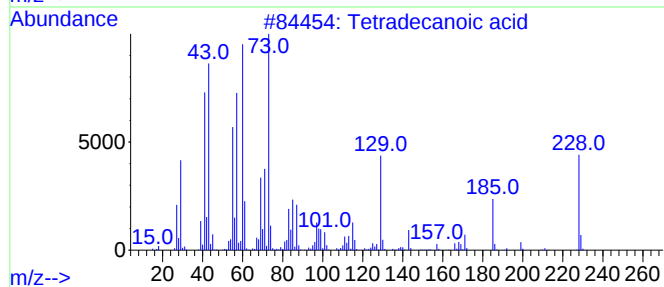
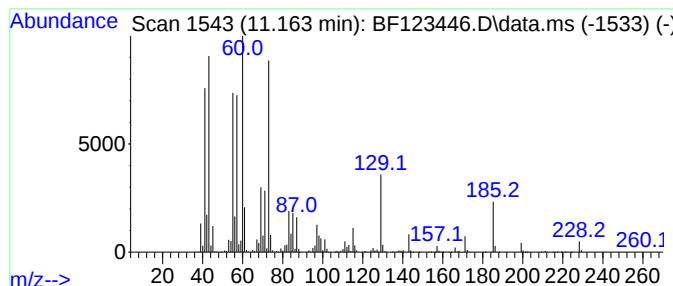
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	119.68 ng	13094000	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	93
2			Tridecanoic acid	214	C13H26O2	000638-53-9	80
3			Undecanoic acid	186	C11H22O2	000112-37-8	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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Acq On : 24 Mar 2021 18:55
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Instrument :
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ClientSampleId :
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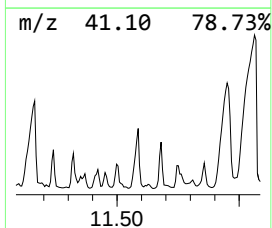
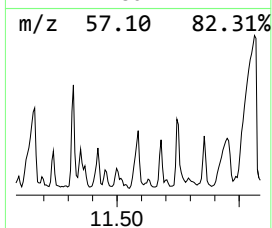
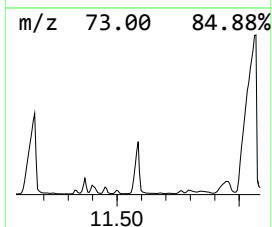
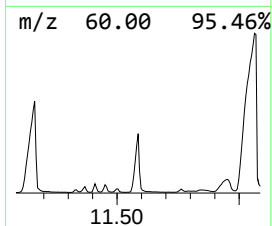
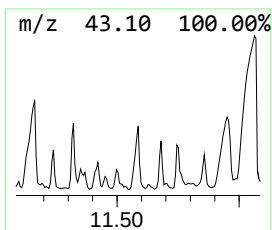
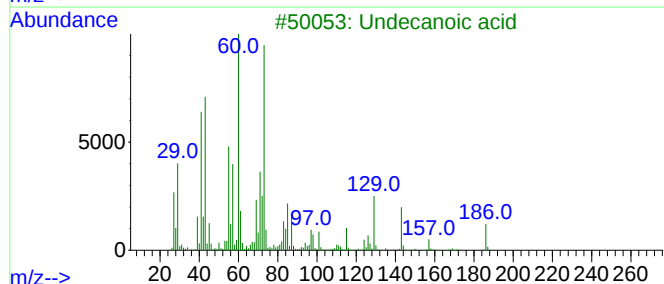
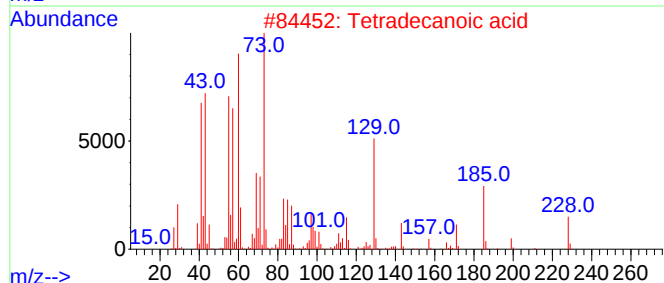
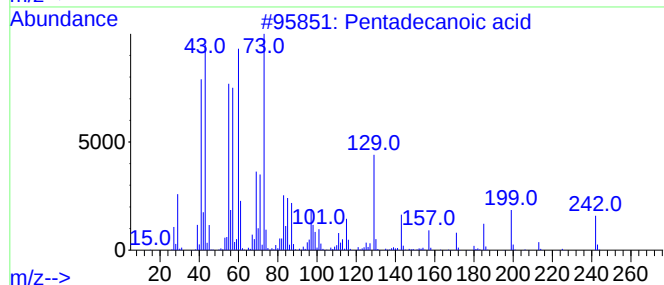
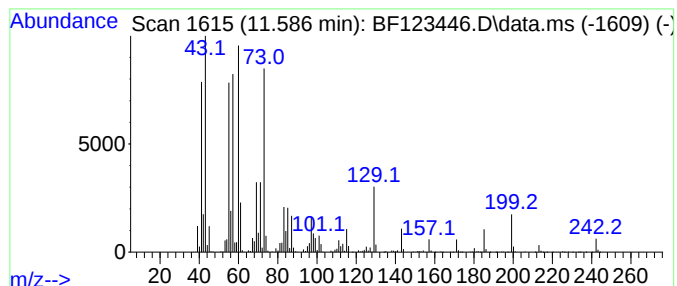
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.586	55.69 ng	6092820	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Undecanoic acid	186	C11H22O2	000112-37-8	80
4			Tridecanoic acid	214	C13H26O2	000638-53-9	72
5			Dodecanoic acid	200	C12H24O2	000143-07-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
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Acq On : 24 Mar 2021 18:55
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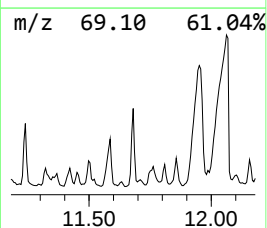
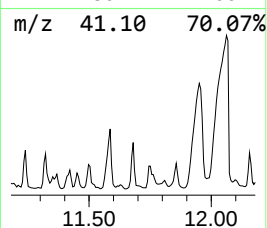
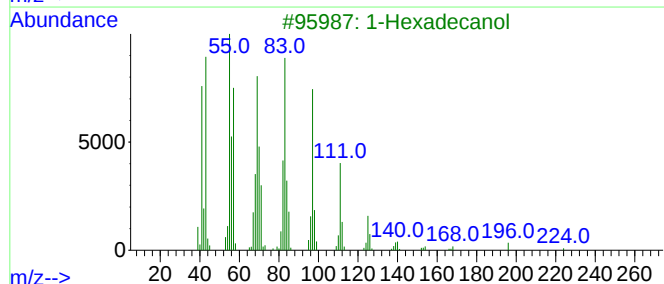
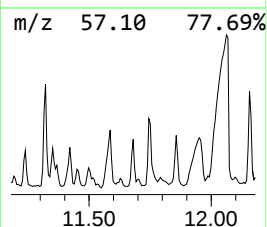
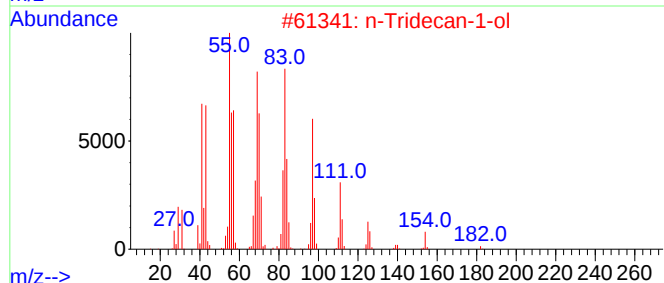
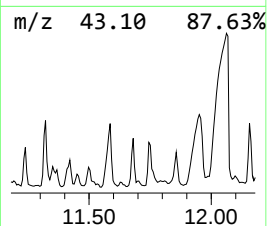
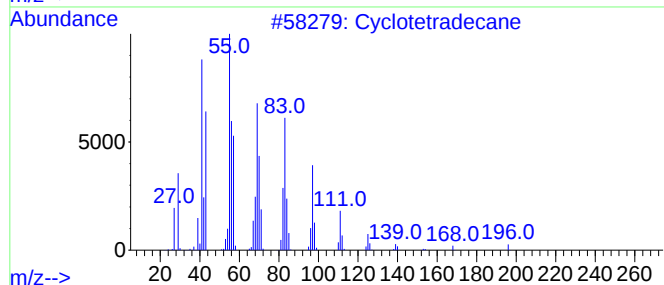
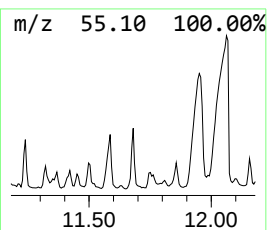
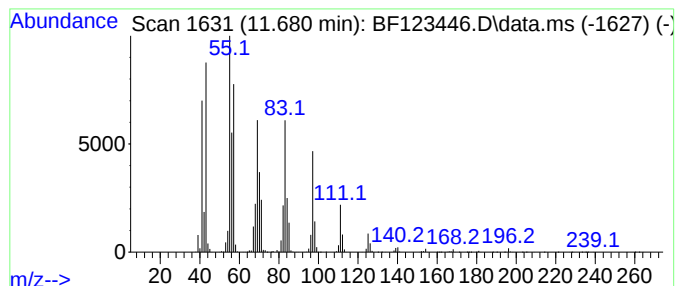
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclotetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.680	28.87 ng	3159080	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclotetradecane	196	C14H28	000295-17-0	92
2			n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
3			1-Hexadecanol	242	C16H34O	036653-82-4	91
4			Decyl trifluoroacetate	254	C12H21F3O2	000333-88-0	91
5			n-Pentadecanol	228	C15H32O	000629-76-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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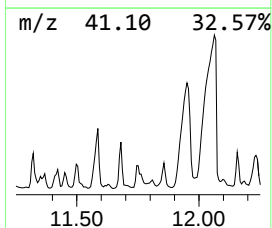
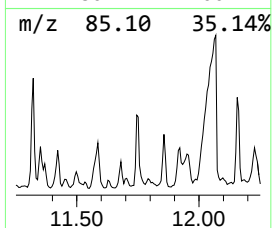
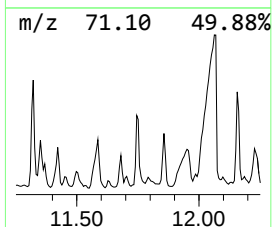
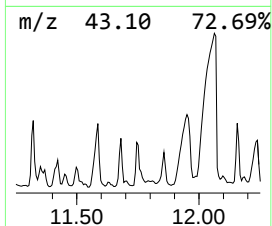
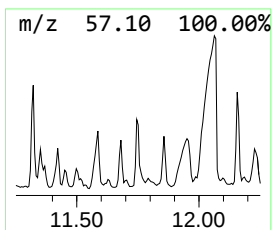
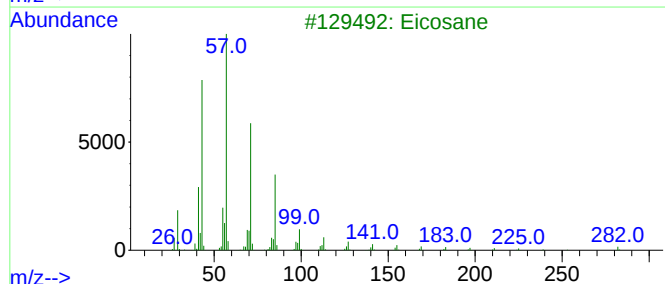
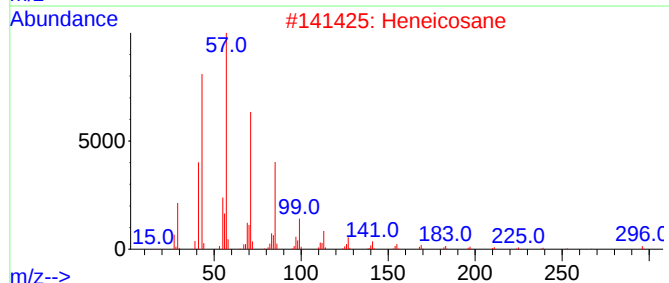
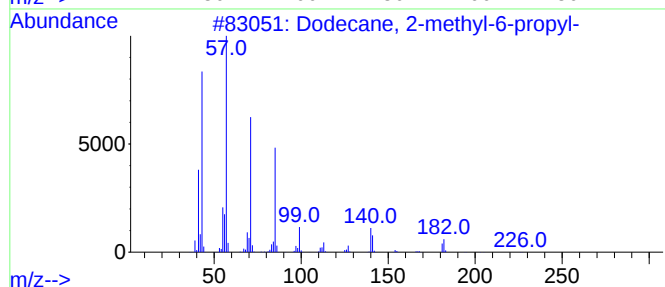
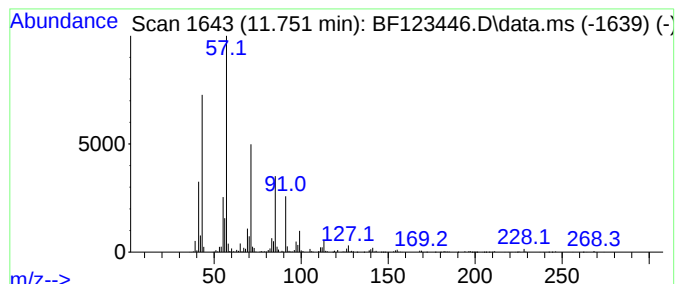
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	28.74 ng	3144590	Phenanthrene-d10	11.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
2		Heneicosane	296	C21H44	000629-94-7	91
3		Eicosane	282	C20H42	000112-95-8	90
4		Pentacosane	352	C25H52	000629-99-2	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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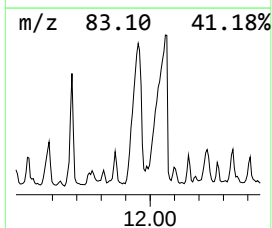
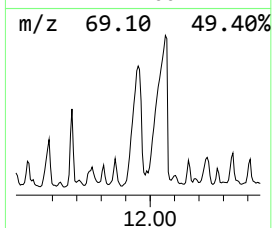
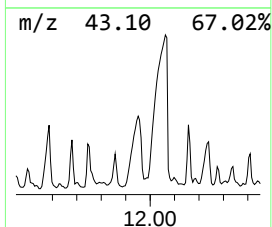
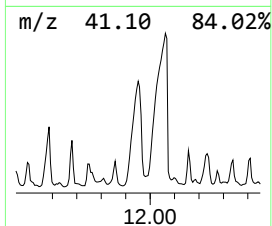
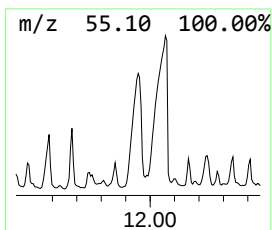
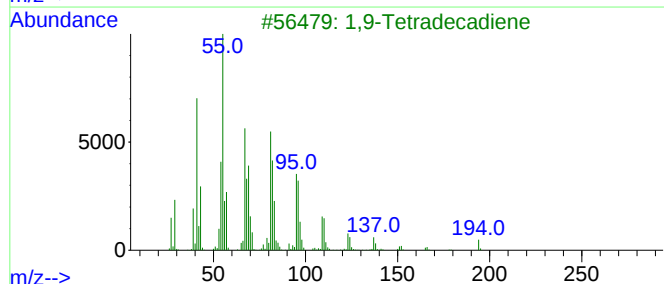
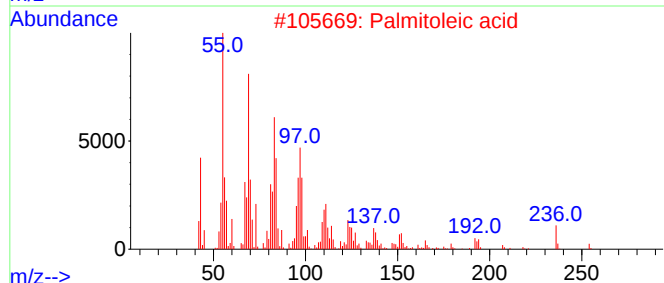
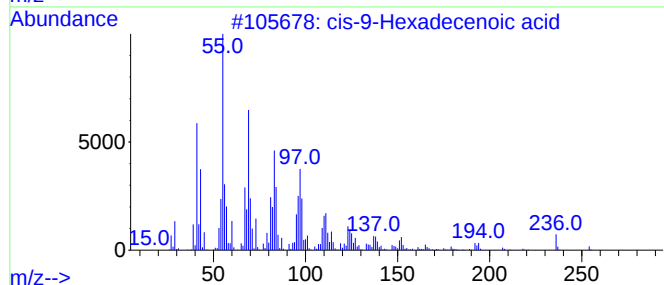
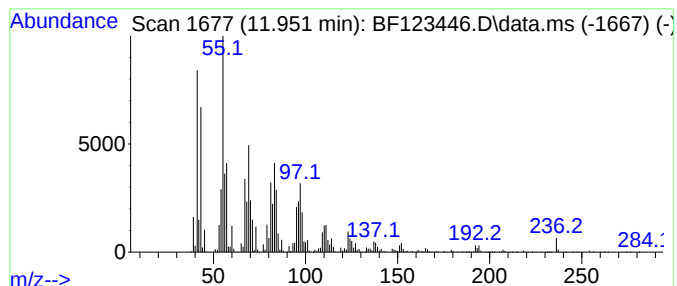
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 cis-9-Hexadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	190.55 ng	20848300	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	90
2			Palmitoleic acid	254	C16H30O2	000373-49-9	87
3			1,9-Tetradecadiene	194	C14H26	112929-06-3	86
4			Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	80
5			trans-2-Hexadecenoic acid	254	C16H30O2	000929-79-3	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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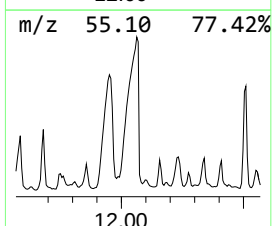
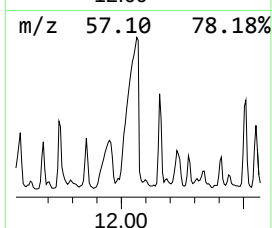
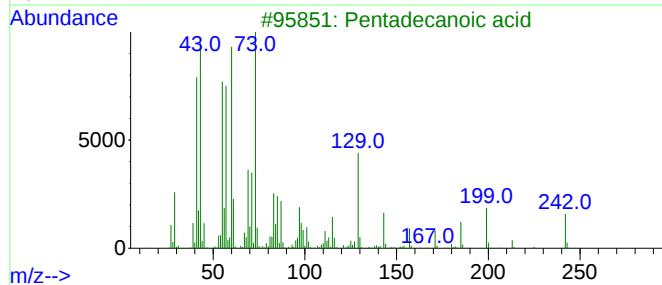
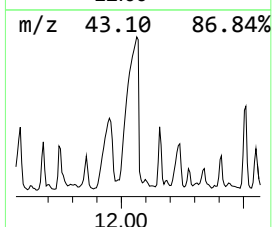
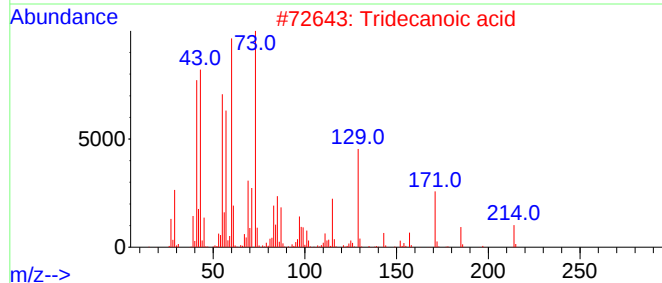
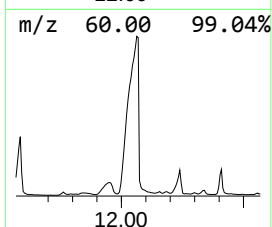
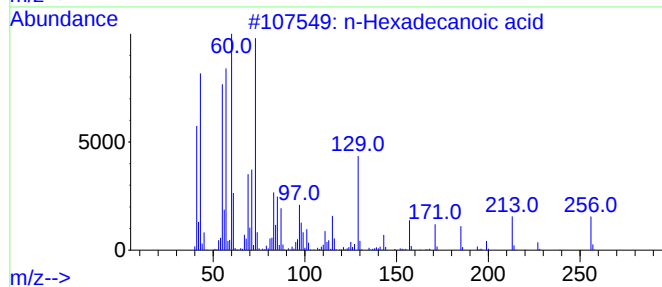
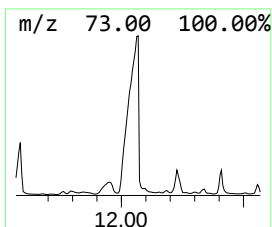
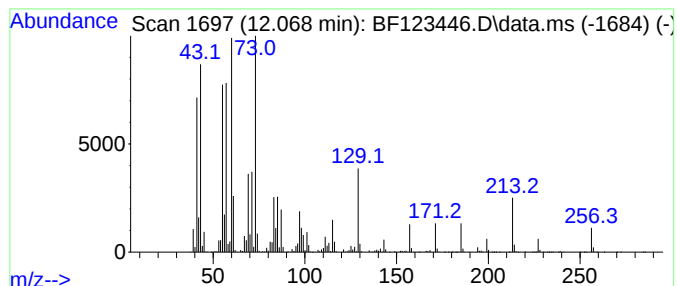
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	385.42 ng	42169200	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5			n-Decanoic acid	172	C10H20O2	000334-48-5	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
Misc :
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Instrument :
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ClientSampleId :
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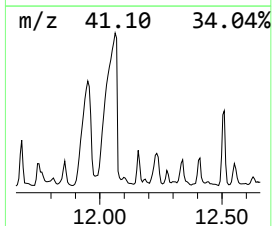
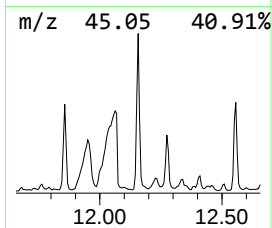
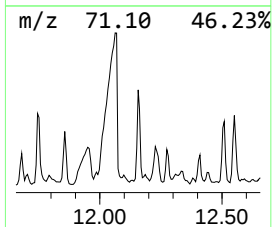
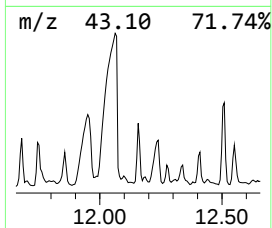
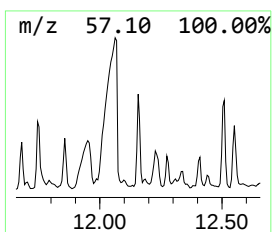
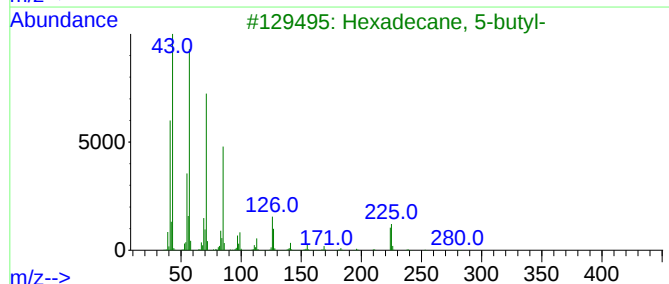
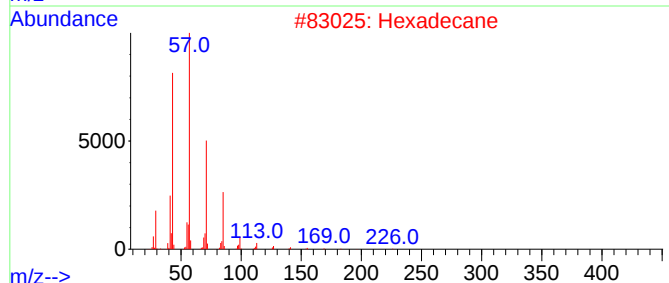
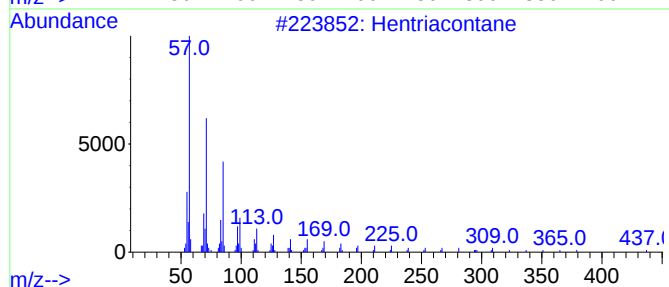
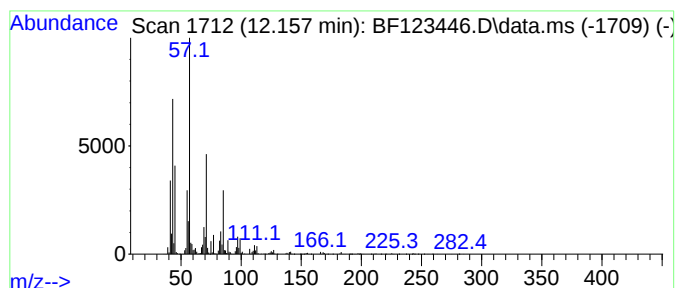
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Hentriacontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.157	26.85 ng	2937810	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Hexadecane	226	C16H34	000544-76-3	83
3			Hexadecane, 5-butyl-	282	C20H42	006912-07-8	60
4			Octacosane	394	C28H58	000630-02-4	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
Misc :
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Instrument :
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ClientSampled :
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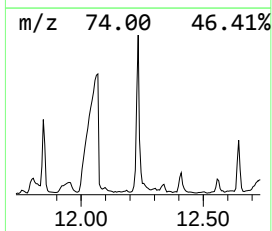
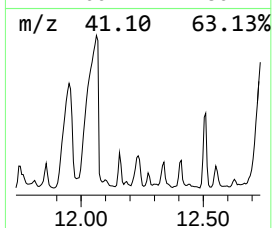
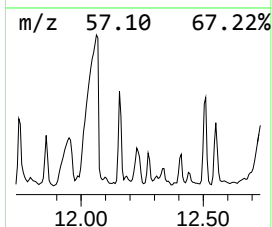
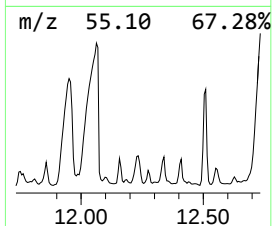
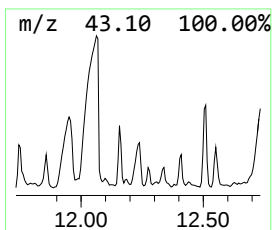
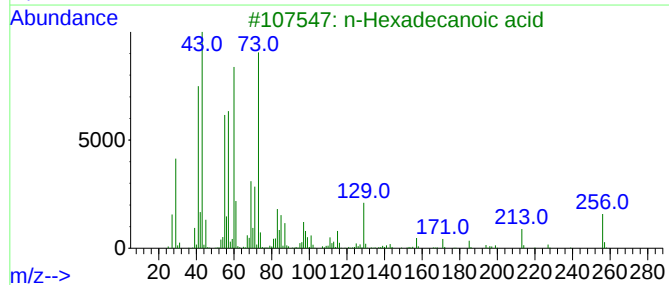
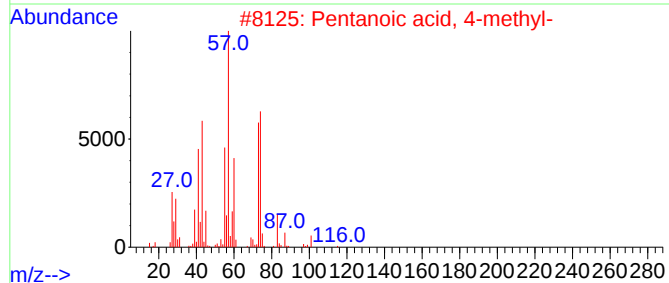
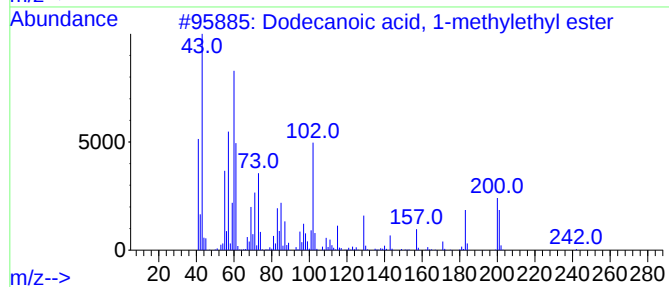
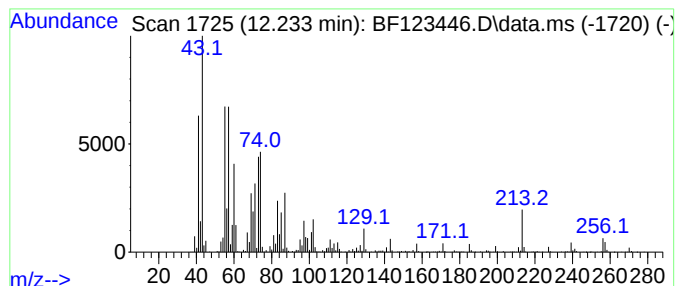
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown12.233 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	39.64 ng	4336800	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	35
2			Pentanoic acid, 4-methyl-	116	C6H12O2	000646-07-1	32
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	25
4			N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25
5			Butanoic acid, 3-hydroxy-, methy...	118	C5H10O3	053562-86-0	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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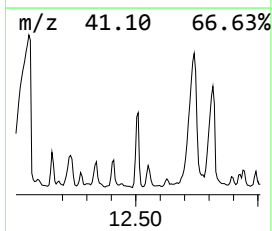
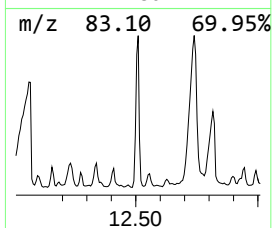
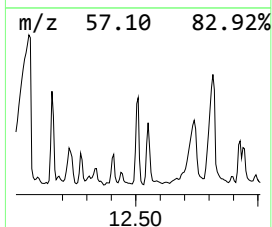
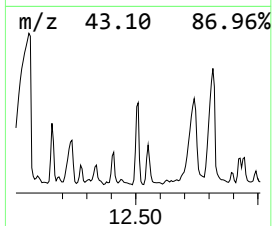
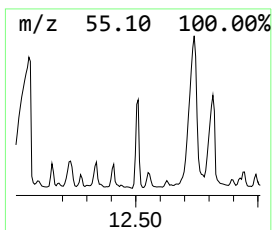
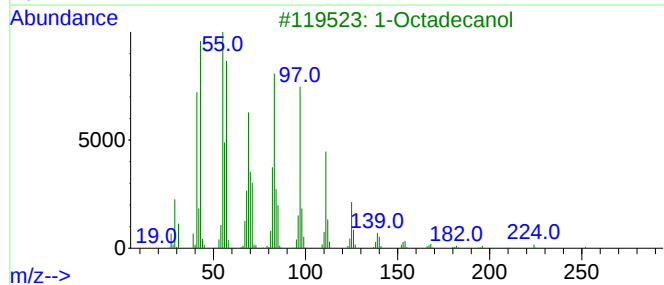
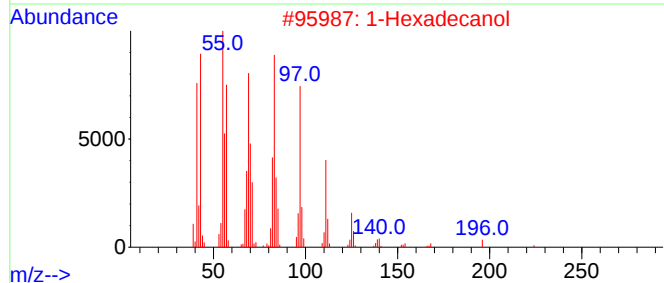
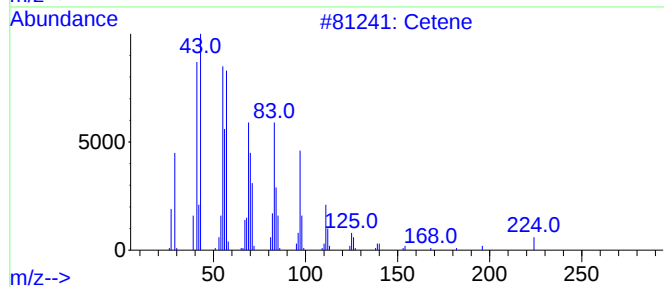
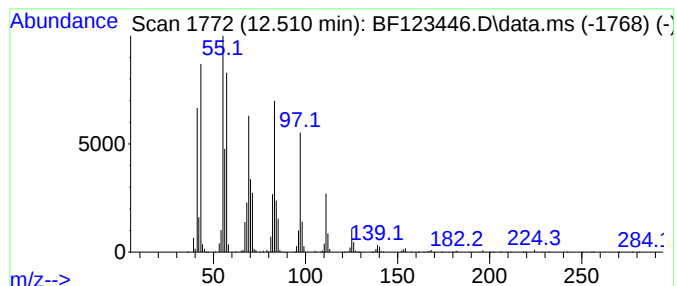
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Cetene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	56.33 ng	6162850	Phenanthrene-d10	11.451

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cetene	224	C16H32	000629-73-2	95
2			1-Hexadecanol	242	C16H34O	036653-82-4	94
3			1-Octadecanol	270	C18H38O	000112-92-5	91
4			Cyclohexadecane	224	C16H32	000295-65-8	91
5			Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
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Sample : M1776-01
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Instrument :
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ClientSampled :
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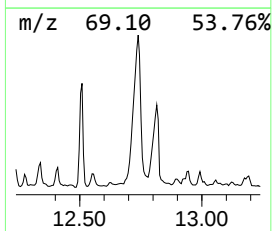
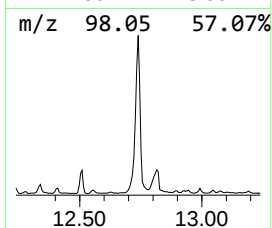
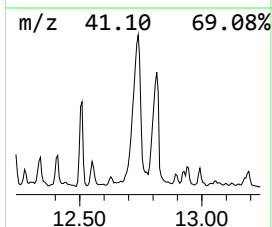
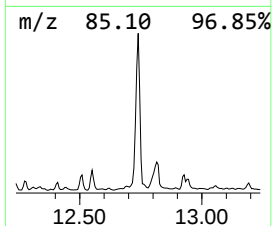
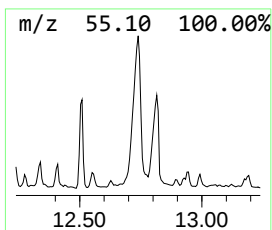
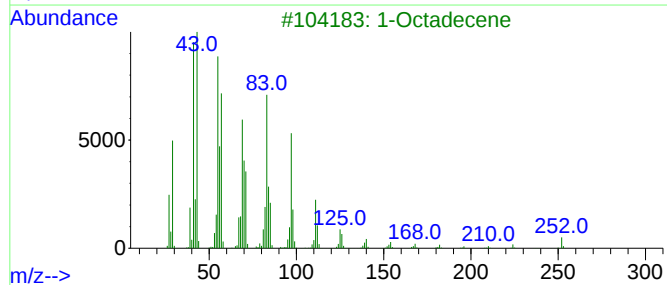
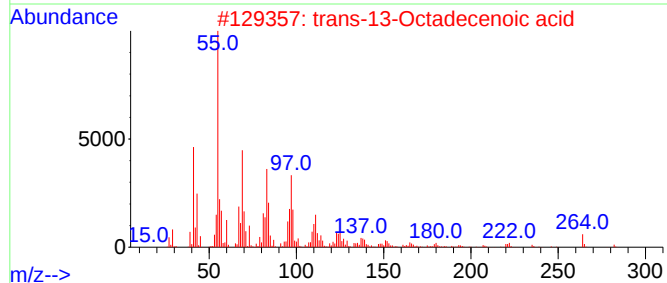
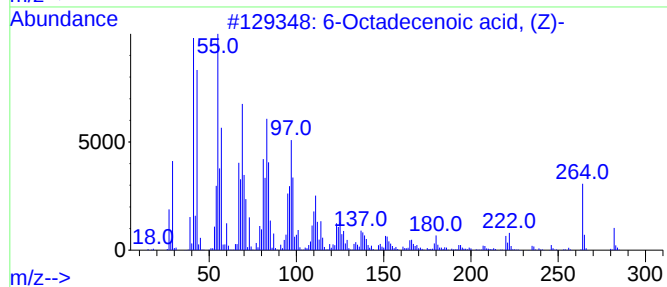
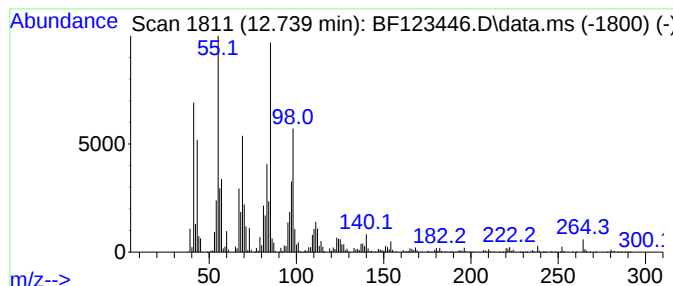
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 6-Octadecenoic acid, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	245.36 ng	26845600	Phenanthrene-d10	11.451

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	83
2		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	78
3		1-Octadecene	252	C18H36	000112-88-9	62
4		2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	58
5		9-Hexadecenoic acid	254	C16H30O2	002091-29-4	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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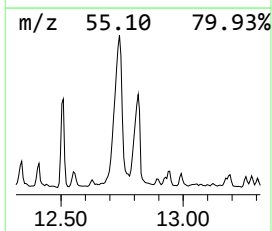
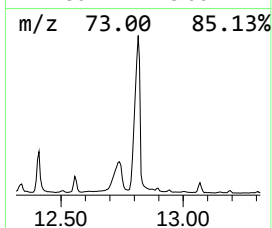
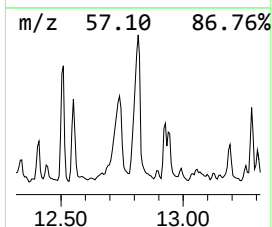
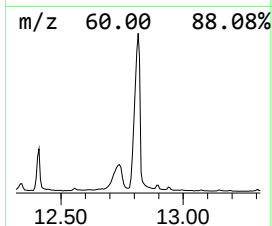
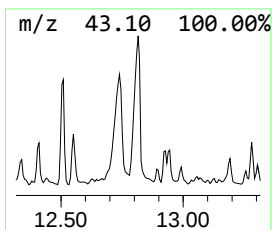
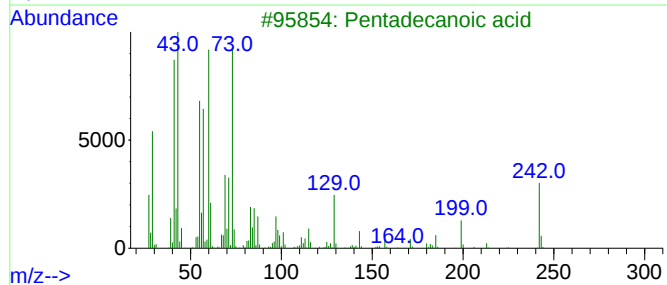
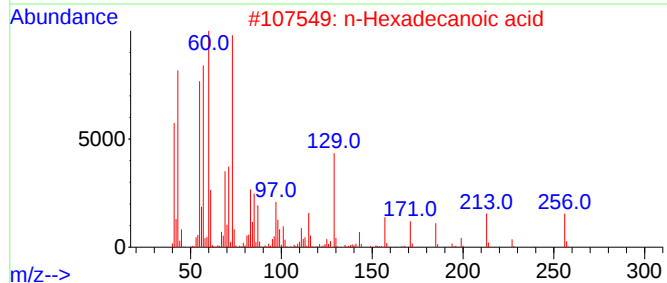
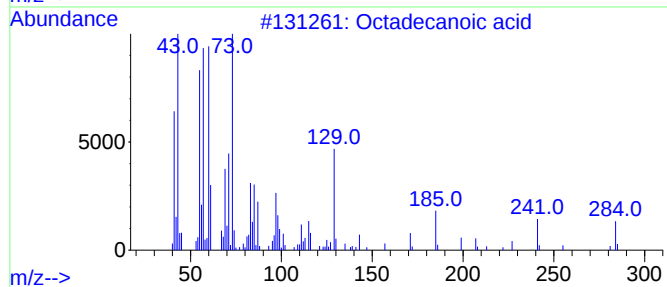
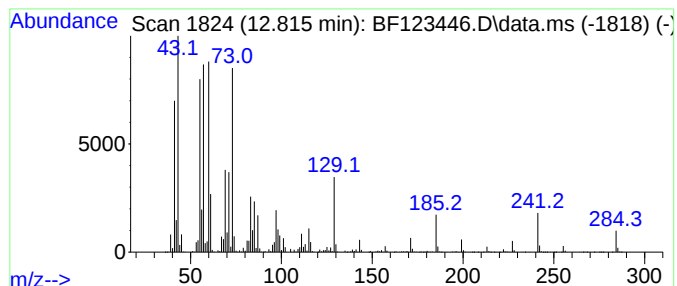
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.816	26.71 ng	13467000	Chrysene-d12	14.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

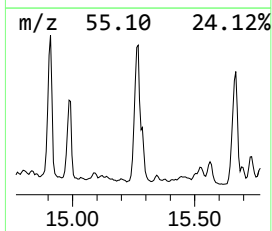
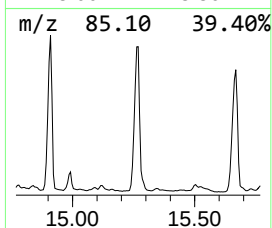
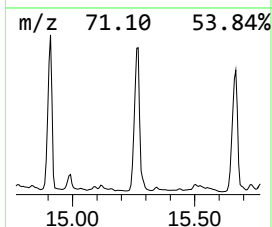
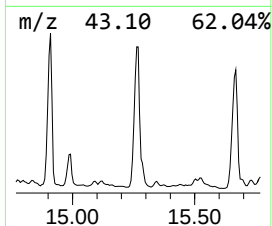
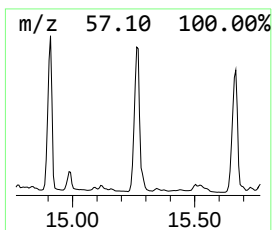
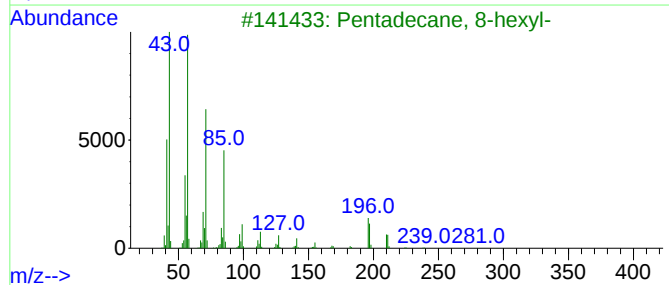
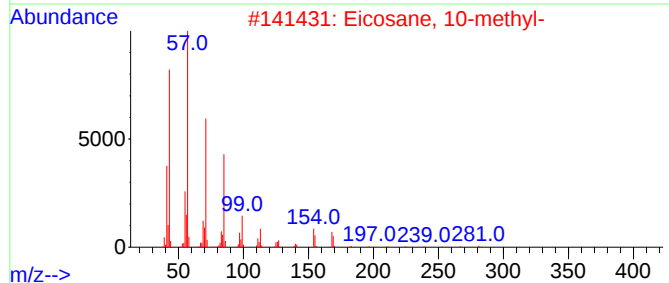
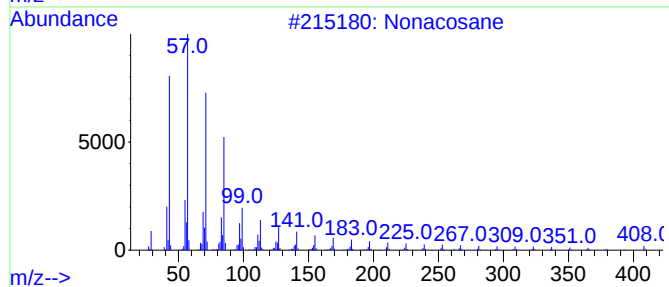
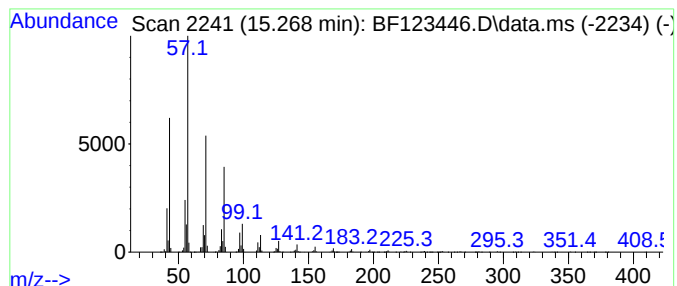
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Nonacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.268	26.79 ng	12524600	Perylene-d12	15.609
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Nonacosane	408 C29H60	000630-03-5 93
2		Eicosane, 10-methyl-	296 C21H44	054833-23-7 93
3		Pentadecane, 8-hexyl-	296 C21H44	013475-75-7 93
4		1-Iodo-2-methylundecane	296 C12H25I	073105-67-6 91
5		Heptacosane	380 C27H56	000593-49-7 91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

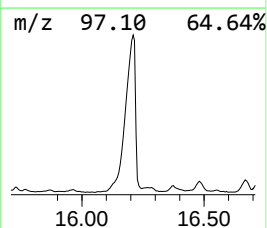
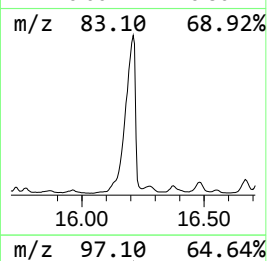
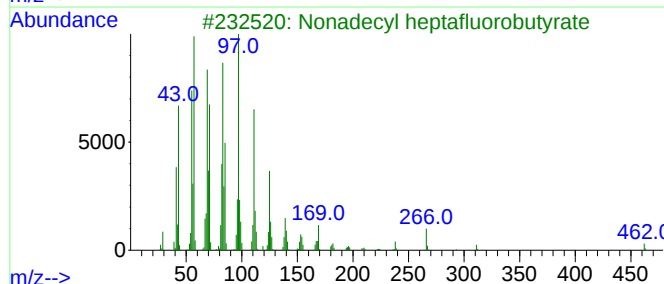
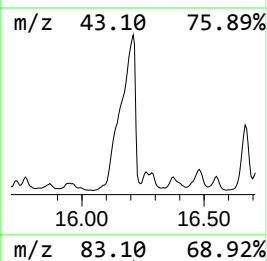
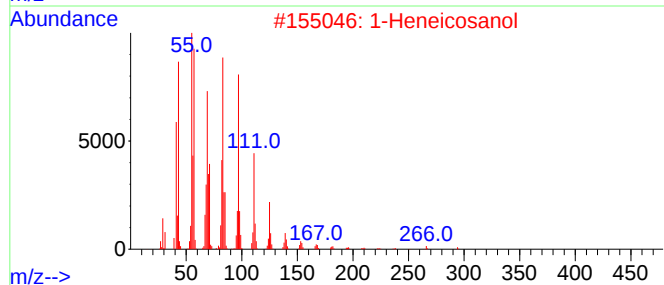
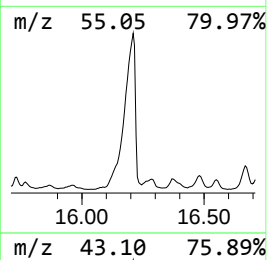
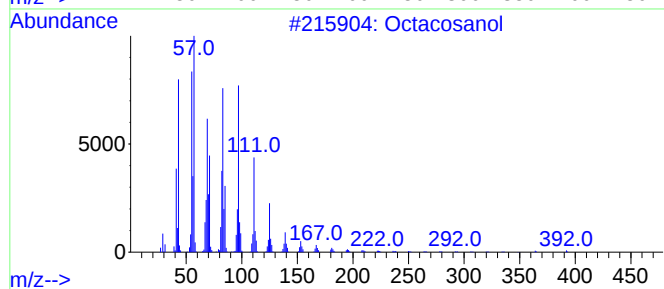
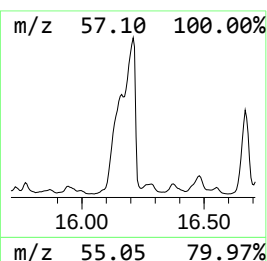
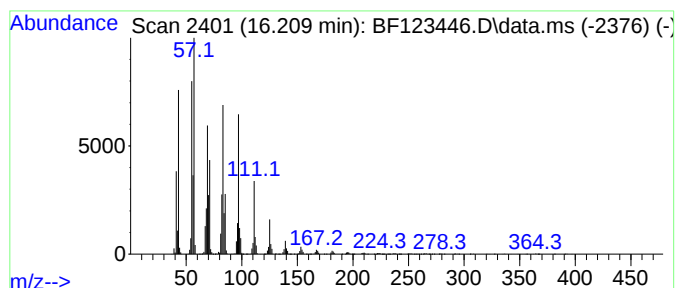
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.209	93.98 ng	43944000	Perylene-d12	15.609	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	91
3	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
5	Pentafluoropropionic acid, octadecyl ester	416	C21H37F5O2	959261-25-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
Data File : BF123446.D
Acq On : 24 Mar 2021 18:55
Operator : JU/CG
Sample : M1776-01
Misc :
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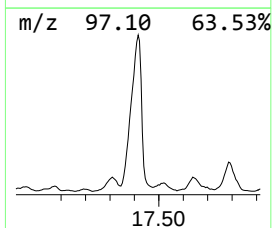
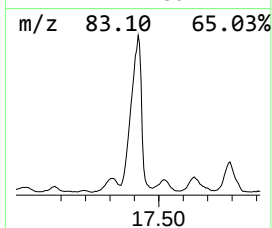
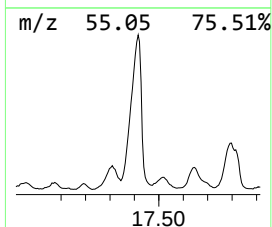
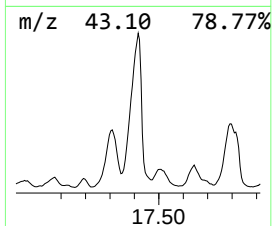
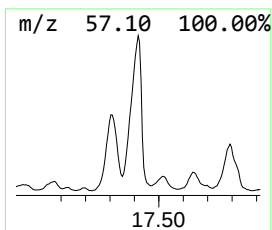
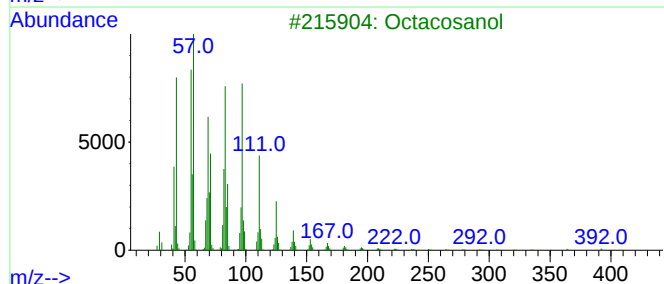
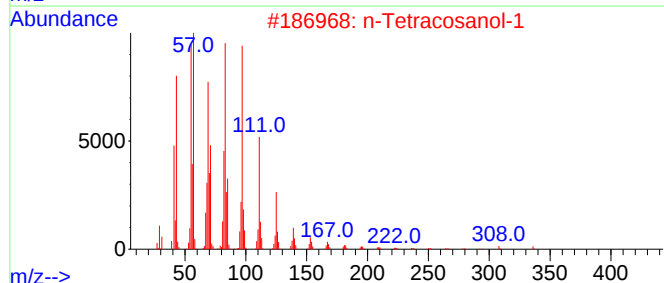
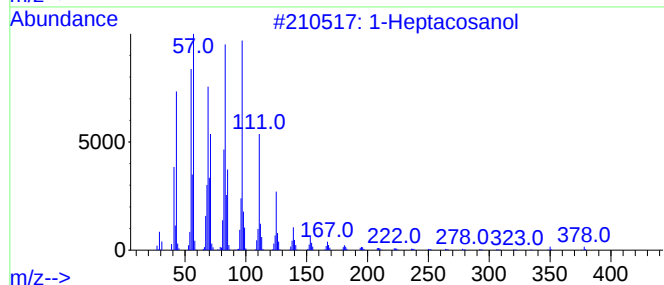
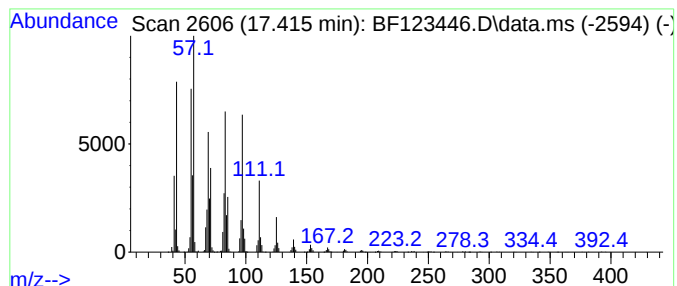
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Heptacosanol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.415	45.92 ng	21470400	Perylene-d12	15.609	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
3	Octacosanol	410	C28H58O	000557-61-9	91
4	Heptacosyl acetate	438	C29H58O2	1000351-78-2	91
5	Octacosyl acetate	452	C30H60O2	018206-97-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032421\
 Data File : BF123446.D
 Acq On : 24 Mar 2021 18:55
 Operator : JU/CG
 Sample : M1776-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown9.139	9.139	29.3	ng	2649810	3	9.963	1807940	20.0
Hexadecane	9.363	63.5	ng	5736020	3	9.963	1807940	20.0
Pentadecane	9.898	68.2	ng	6165180	3	9.963	1807940	20.0
Dodecanoic acid	10.204	45.5	ng	4115850	3	9.963	1807940	20.0
Tridecane	10.398	51.1	ng	4617180	3	9.963	1807940	20.0
Nonane, 5-butyl-	10.869	40.3	ng	4413230	4	11.451	2188250	20.0
Tetradecanoic acid	11.163	119.7	ng	13094000	4	11.451	2188250	20.0
Pentadecanoic acid	11.586	55.7	ng	6092820	4	11.451	2188250	20.0
Cyclotetradecane	11.680	28.9	ng	3159080	4	11.451	2188250	20.0
Dodecane, 2-met...	11.751	28.7	ng	3144590	4	11.451	2188250	20.0
cis-9-Hexadecen...	11.951	190.6	ng	20848300	4	11.451	2188250	20.0
n-Hexadecanoic ...	12.069	385.4	ng	42169200	4	11.451	2188250	20.0
Hentriacontane	12.157	26.9	ng	2937810	4	11.451	2188250	20.0
unknown12.233	12.233	39.6	ng	4336800	4	11.451	2188250	20.0
Cetene	12.510	56.3	ng	6162850	4	11.451	2188250	20.0
6-Octadecenoic ...	12.739	245.4	ng	26845600	4	11.451	2188250	20.0
Octadecanoic acid	12.816	26.7	ng	13467000	5	14.104	10083100	20.0
Nonacosane	15.268	26.8	ng	12524600	6	15.609	9351660	20.0
Octacosanol	16.209	94.0	ng	43944000	6	15.609	9351660	20.0
1-Heptacosanol	17.415	45.9	ng	21470400	6	15.609	9351660	20.0