

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
 Data File : BF127087.D
 Acq On : 25 Feb 2022 22:53
 Operator : CG\JU
 Sample : N1670-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-022422

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-BF021622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127087.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.975	282	287	295	rVB2	7957	13269	1.58%	0.119%
2	5.510	545	548	556	rVB	454045	422178	50.43%	3.799%
3	6.522	716	720	727	rBV	512377	430633	51.44%	3.875%
4	6.898	781	784	788	rBV	788219	646506	77.22%	5.818%
5	7.457	876	879	882	rBV	349672	281635	33.64%	2.534%
6	7.487	882	884	886	rVB	19621	13999	1.67%	0.126%
7	8.157	995	998	999	rBV	34239	30359	3.63%	0.273%
8	8.187	999	1003	1005	rVV	969931	837193	100.00%	7.533%
9	8.204	1005	1006	1008	rVV	37215	22728	2.71%	0.205%
10	8.234	1008	1011	1014	rVB2	21513	18466	2.21%	0.166%
11	8.469	1047	1051	1055	rBV6	19897	21801	2.60%	0.196%
12	8.592	1069	1072	1075	rVV	24131	18803	2.25%	0.169%
13	8.687	1084	1088	1090	rBV	22106	19178	2.29%	0.173%
14	8.763	1098	1101	1105	rVB	65269	48824	5.83%	0.439%
15	8.898	1121	1124	1127	rVB	19489	17694	2.11%	0.159%
16	8.998	1137	1141	1144	rBV2	27904	28924	3.45%	0.260%
17	9.087	1153	1156	1160	rVB5	12110	18663	2.23%	0.168%
18	9.128	1160	1163	1165	rBV4	19336	19196	2.29%	0.173%
19	9.192	1172	1174	1177	rBV2	26839	18593	2.22%	0.167%
20	9.257	1181	1185	1188	rBV	631902	477039	56.98%	4.293%
21	9.328	1194	1197	1201	rBV	80653	68755	8.21%	0.619%
22	9.404	1208	1210	1213	rVB2	15402	13625	1.63%	0.123%
23	9.528	1226	1231	1233	rVB5	13448	17923	2.14%	0.161%
24	9.569	1235	1238	1240	rVV4	10841	13686	1.63%	0.123%
25	9.592	1240	1242	1246	rVV3	26073	37851	4.52%	0.341%
26	9.651	1249	1252	1259	rVB5	39296	64554	7.71%	0.581%
27	9.710	1259	1262	1268	rBV6	20177	24443	2.92%	0.220%
28	9.804	1274	1278	1281	rBV	45069	43292	5.17%	0.390%
29	9.863	1281	1288	1292	rVV	85343	86768	10.36%	0.781%
30	9.939	1298	1301	1305	rVB	889136	770376	92.02%	6.932%
31	9.975	1305	1307	1310	rVB	24596	20099	2.40%	0.181%
32	10.145	1333	1336	1339	rVB3	28709	33249	3.97%	0.299%
33	10.181	1339	1342	1346	rBV3	32388	36623	4.37%	0.330%
34	10.257	1351	1355	1357	rBV4	19225	24118	2.88%	0.217%
35	10.363	1367	1373	1376	rBV	89472	91948	10.98%	0.827%
36	10.486	1391	1394	1401	rVB2	25674	32726	3.91%	0.294%

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37	10.581	1406	1410	1412	rVV	38351	41139	4.91%	0.370%
38	10.633	1416	1419	1423	rVV5	12566	13696	1.64%	0.123%
39	10.728	1432	1435	1440	rVB	273607	216976	25.92%	1.952%
40	10.833	1450	1453	1461	rVB	106175	127832	15.27%	1.150%
41	11.028	1483	1486	1487	rBV3	15298	15142	1.81%	0.136%
42	11.081	1493	1495	1499	rVB4	21885	21291	2.54%	0.192%
43	11.181	1510	1512	1519	rVV8	10027	14793	1.77%	0.133%
44	11.233	1519	1521	1524	rVV3	17011	14102	1.68%	0.127%
45	11.281	1526	1529	1532	rVV	72383	68548	8.19%	0.617%
46	11.316	1532	1535	1542	rVB2	34846	51222	6.12%	0.461%
47	11.433	1551	1555	1557	rBV	759444	650508	77.70%	5.854%
48	11.457	1557	1559	1562	rVV	188028	153703	18.36%	1.383%
49	11.504	1565	1567	1570	rVV	42991	38392	4.59%	0.345%
50	11.533	1570	1572	1575	rVV2	12074	16503	1.97%	0.149%
51	11.663	1591	1594	1599	rVV2	31393	41052	4.90%	0.369%
52	11.710	1599	1602	1604	rVV	68183	57970	6.92%	0.522%
53	11.763	1608	1611	1615	rVV2	13961	17899	2.14%	0.161%
54	11.816	1616	1620	1622	rBV	91209	75452	9.01%	0.679%
55	11.945	1637	1642	1650	rBV3	113392	167002	19.95%	1.503%
56	12.010	1650	1653	1656	rVV2	17979	16329	1.95%	0.147%
57	12.045	1656	1659	1661	rVV2	53879	58315	6.97%	0.525%
58	12.069	1661	1663	1666	rVB	35116	26366	3.15%	0.237%
59	12.122	1669	1672	1674	rBV	51937	47223	5.64%	0.425%
60	12.228	1687	1690	1692	rBV2	23286	20797	2.48%	0.187%
61	12.257	1692	1695	1697	rVB2	19413	15096	1.80%	0.136%
62	12.410	1717	1721	1723	rBV2	15964	16062	1.92%	0.145%
63	12.504	1730	1737	1738	rBV2	314027	316583	37.81%	2.849%
64	12.522	1738	1740	1743	rVV	316844	265847	31.75%	2.392%
65	12.569	1746	1748	1752	rBV2	23464	24728	2.95%	0.223%
66	12.610	1752	1755	1758	rVB	49886	41404	4.95%	0.373%
67	12.645	1758	1761	1766	rBV	280860	265461	31.71%	2.389%
68	12.739	1774	1777	1781	rBV4	20482	20553	2.45%	0.185%
69	12.880	1795	1801	1806	rVB	272082	284070	33.93%	2.556%
70	12.927	1806	1809	1813	rVB3	21273	27584	3.29%	0.248%
71	13.016	1817	1824	1827	rBV	414187	366537	43.78%	3.298%
72	13.092	1833	1837	1842	rBV5	32596	57970	6.92%	0.522%
73	13.180	1848	1852	1854	rVV4	26921	37921	4.53%	0.341%
74	13.204	1854	1856	1859	rVB2	49897	45479	5.43%	0.409%
75	13.239	1859	1862	1865	rBV2	27604	33490	4.00%	0.301%
76	13.269	1865	1867	1870	rVB	33258	31421	3.75%	0.283%

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77	13.310	1870	1874	1877	rBV3	44863	55195	6.59%	0.497%
78	13.404	1887	1890	1892	rBV2	30767	24802	2.96%	0.223%
79	13.433	1892	1895	1898	rVV2	33400	27570	3.29%	0.248%
80	13.580	1917	1920	1923	rBV4	24383	27890	3.33%	0.251%
81	13.716	1940	1943	1947	rVB	30527	33834	4.04%	0.304%
82	13.827	1957	1962	1964	rBV3	31771	50120	5.99%	0.451%
83	13.857	1965	1967	1969	rVV	20083	14237	1.70%	0.128%
84	13.880	1969	1971	1974	rBV2	22611	22377	2.67%	0.201%
85	13.916	1974	1977	1980	rVV3	24450	34571	4.13%	0.311%
86	14.080	2000	2005	2007	rBV2	672195	719105	85.89%	6.471%
87	14.104	2007	2009	2016	rVB	141401	123122	14.71%	1.108%
88	14.186	2021	2023	2026	rBV	21349	16121	1.93%	0.145%
89	14.227	2027	2030	2033	rBV5	28853	32356	3.86%	0.291%
90	14.333	2046	2048	2051	rVB2	23192	17567	2.10%	0.158%
91	14.463	2068	2070	2074	rVB2	43049	33661	4.02%	0.303%
92	14.498	2074	2076	2080	rVB2	28201	25610	3.06%	0.230%
93	14.533	2080	2082	2085	rBV3	38546	38991	4.66%	0.351%
94	14.592	2089	2092	2094	rBV2	28214	32060	3.83%	0.288%
95	15.133	2180	2184	2187	rBV	123413	187015	22.34%	1.683%
96	15.192	2192	2194	2198	rVB2	53746	54906	6.56%	0.494%
97	15.445	2234	2237	2243	rVB	71574	91698	10.95%	0.825%
98	15.510	2245	2248	2255	rVV	103902	135835	16.23%	1.222%
99	15.580	2255	2260	2271	rVB	458967	651586	77.83%	5.863%
100	16.563	2424	2427	2431	rVB4	39458	54687	6.53%	0.492%

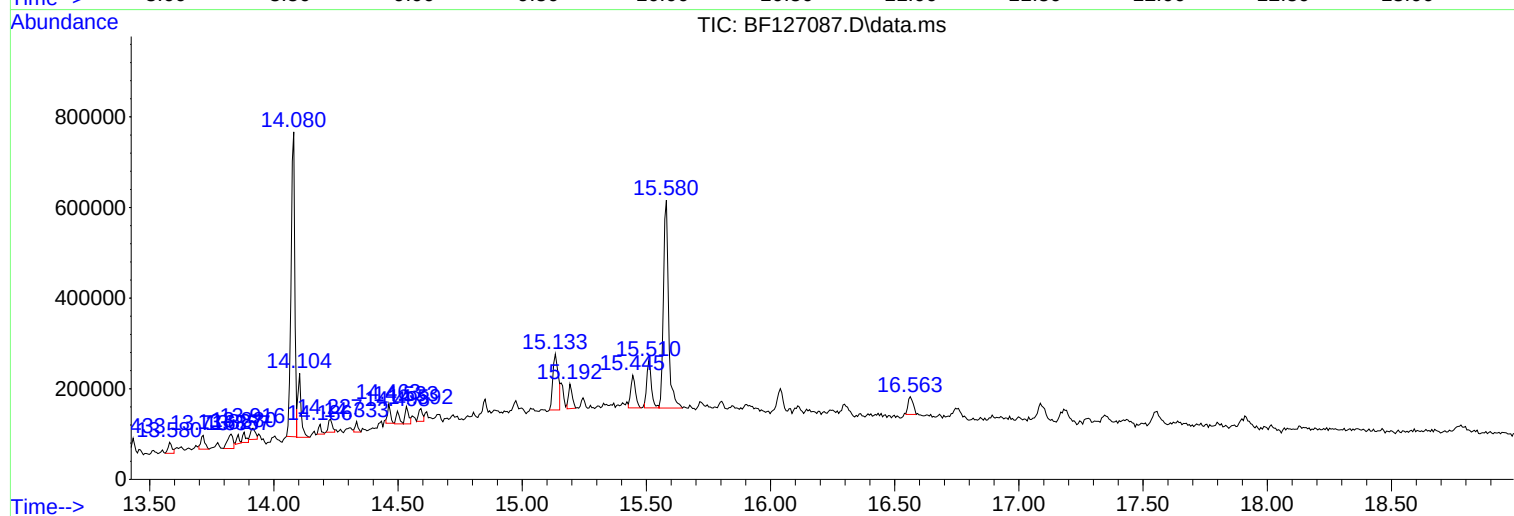
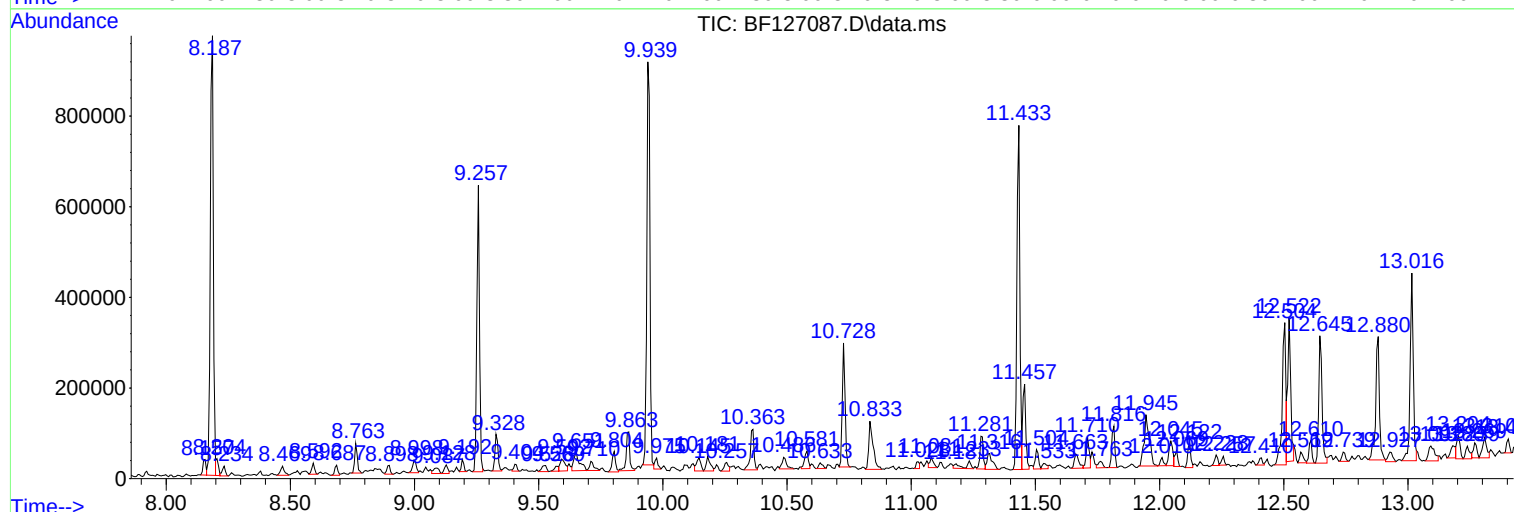
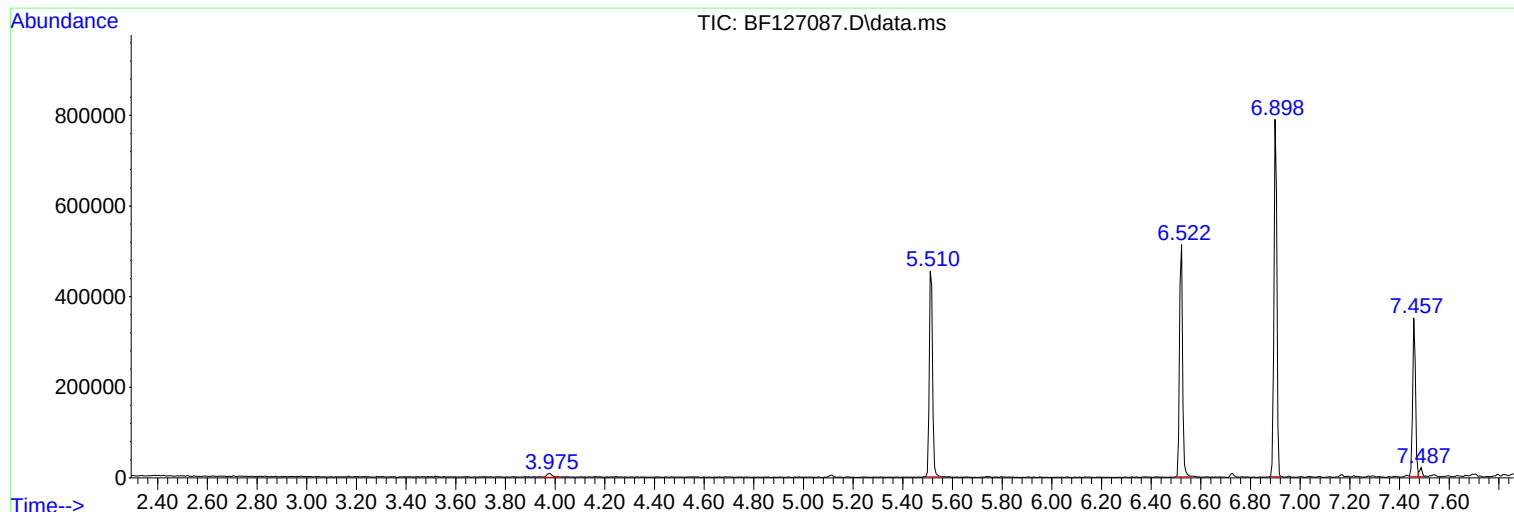
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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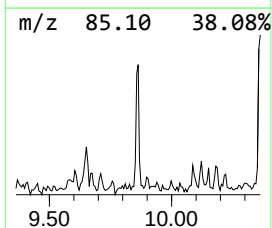
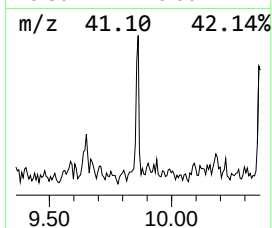
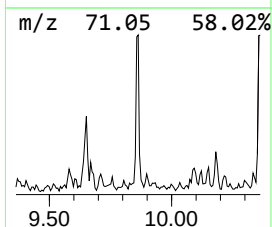
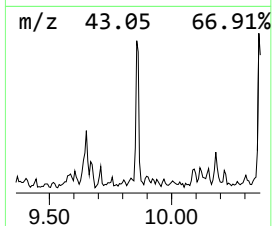
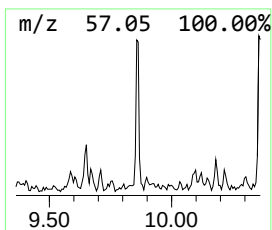
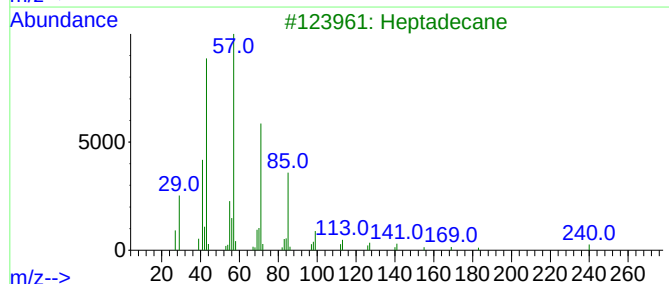
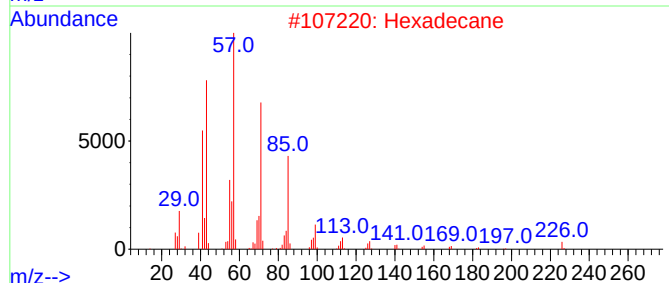
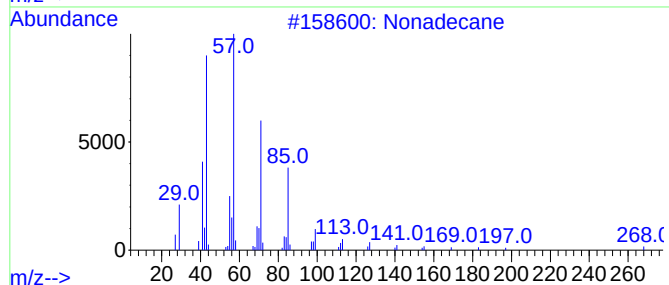
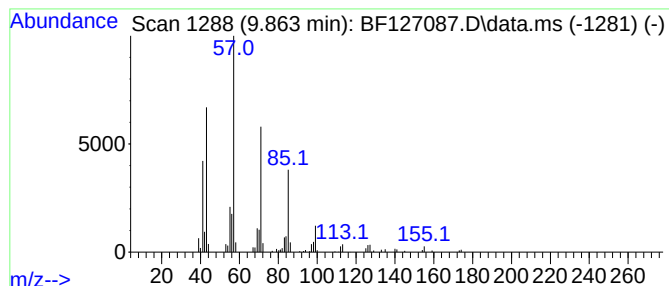
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.863	2.25 ng	86768	Acenaphthene-d10	9.939

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Hexadecane	226	C16H34	000544-76-3	87
3			Heptadecane	240	C17H36	000629-78-7	86
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86



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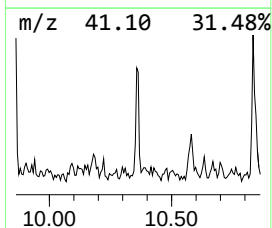
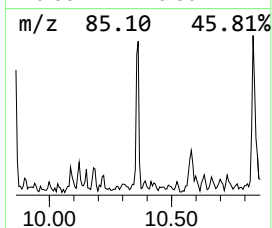
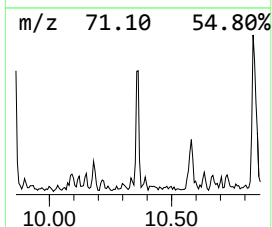
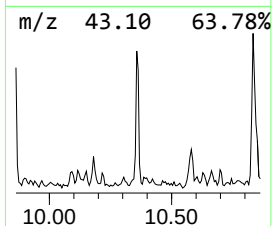
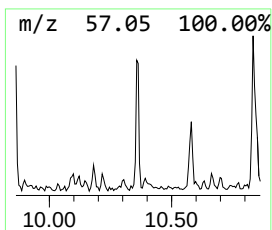
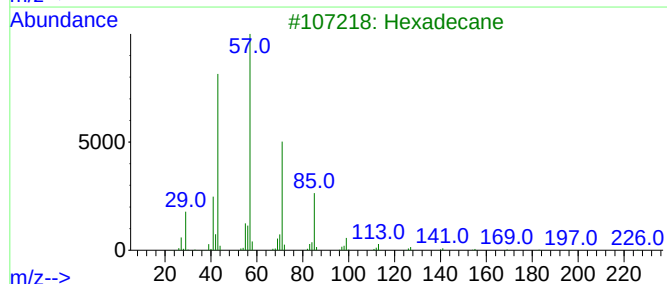
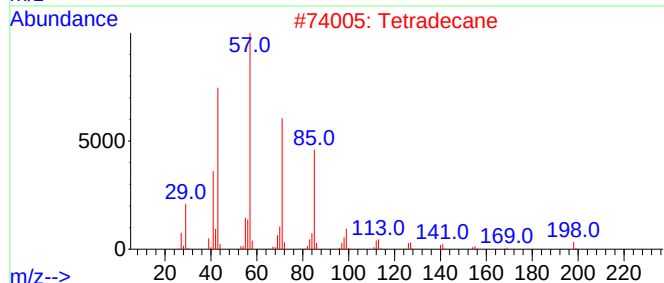
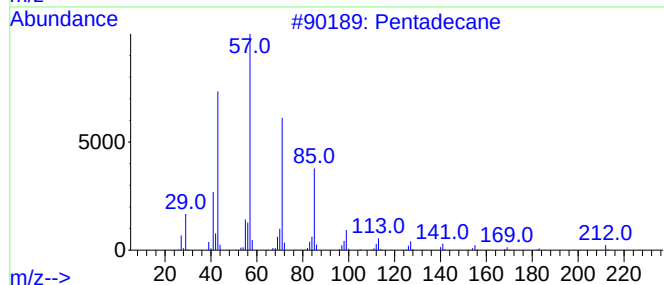
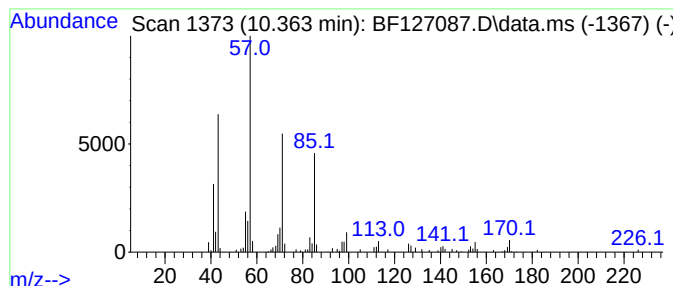
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	2.39 ng	91948	Acenaphthene-d10	9.939

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Nonadecane	268	C19H40	000629-92-5	83
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



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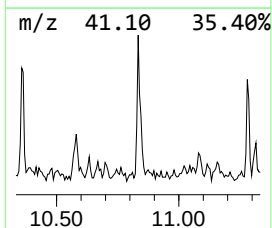
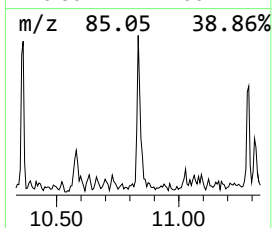
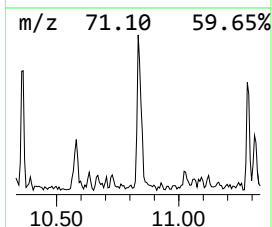
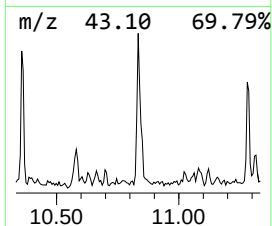
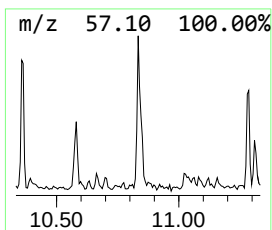
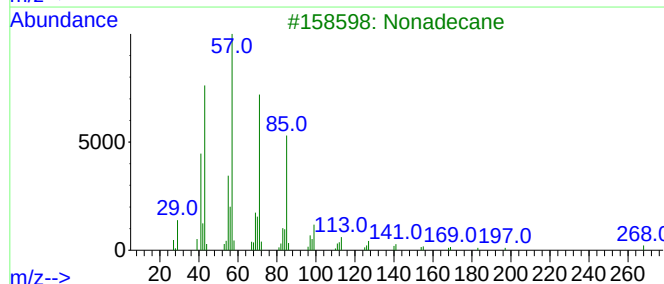
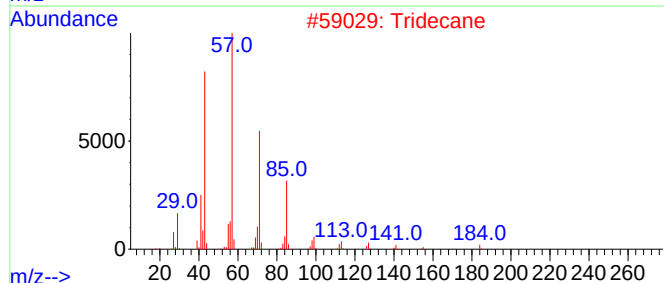
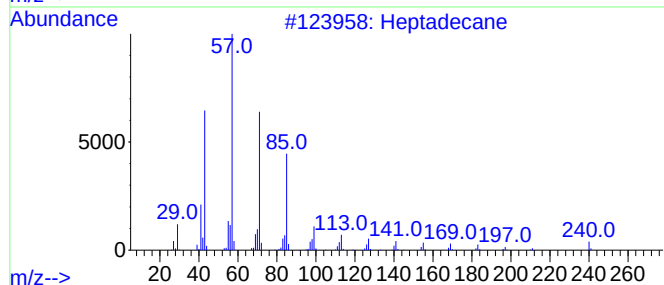
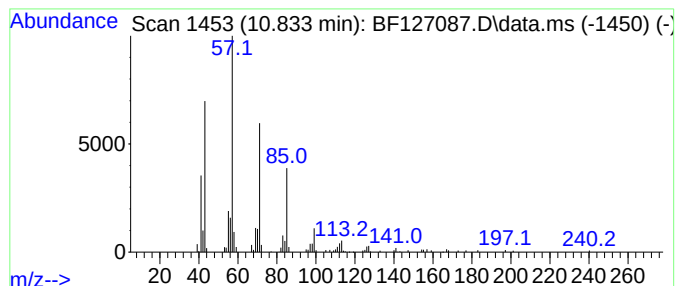
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	3.93 ng	127832	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Nonadecane	268	C19H40	000629-92-5	87
4			Hexadecane	226	C16H34	000544-76-3	87
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
Acq On : 25 Feb 2022 22:53
Operator : CG\JU
Sample : N1670-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-022422

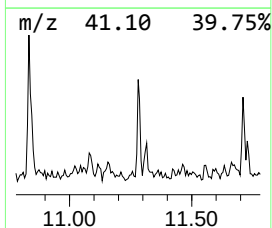
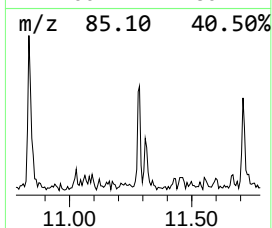
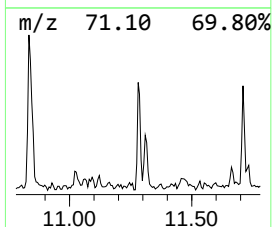
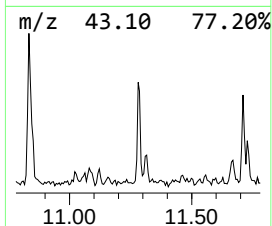
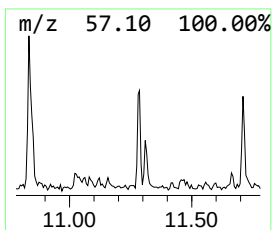
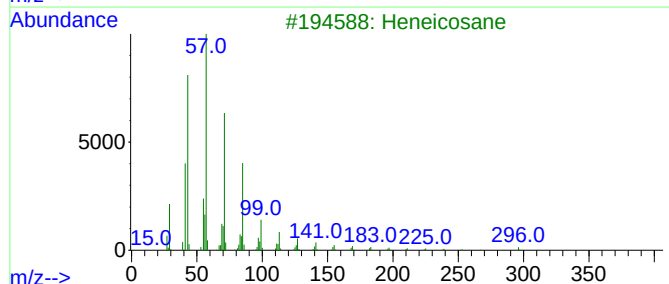
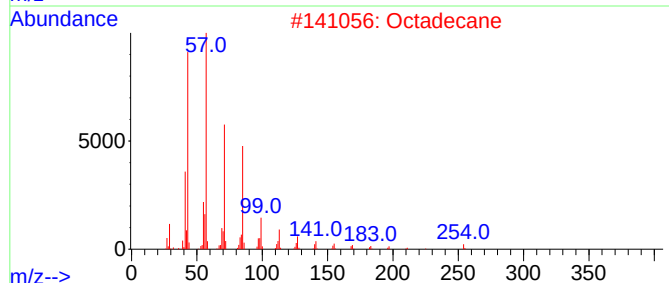
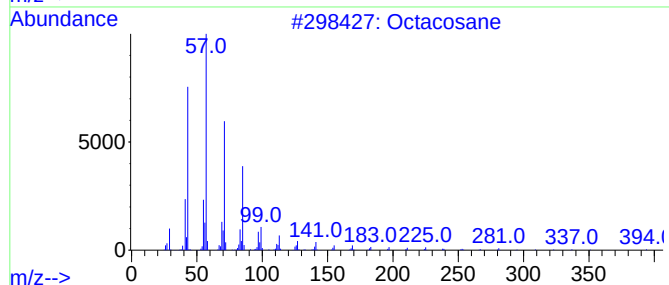
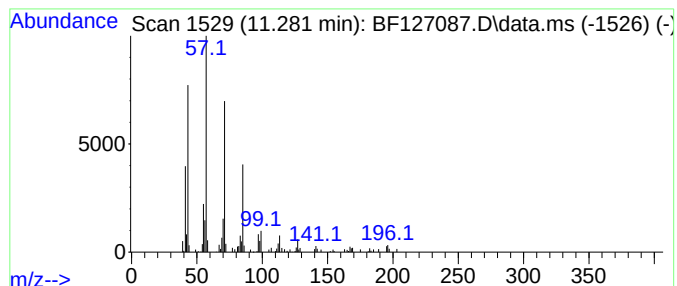
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	2.11 ng	68548	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetradecane	198	C14H30	000629-59-4	90
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
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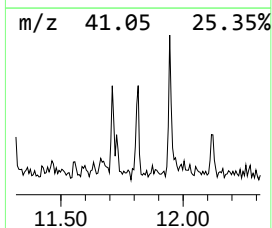
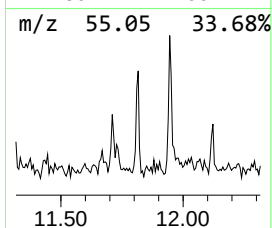
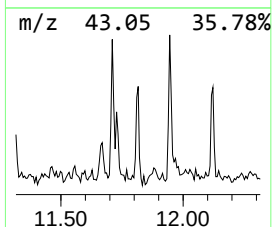
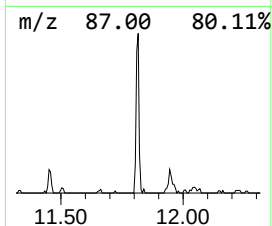
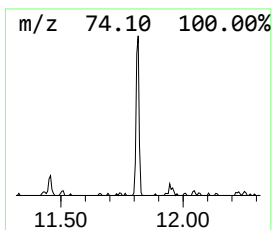
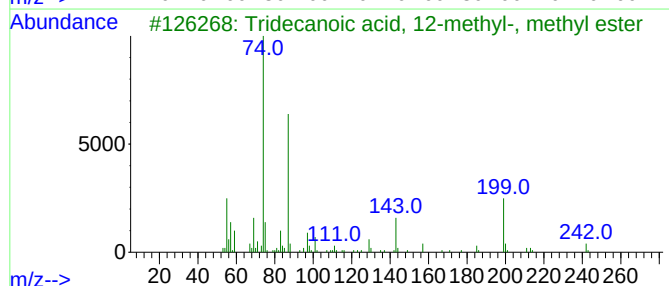
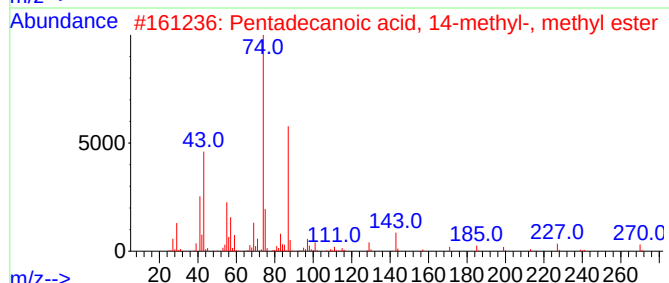
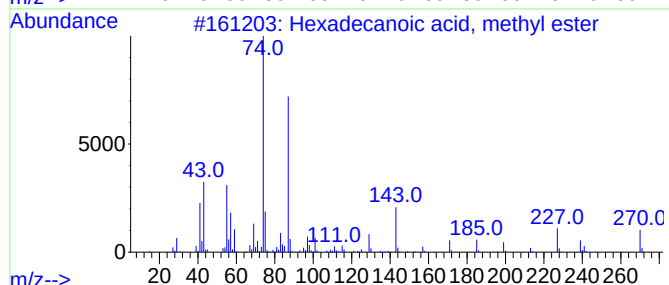
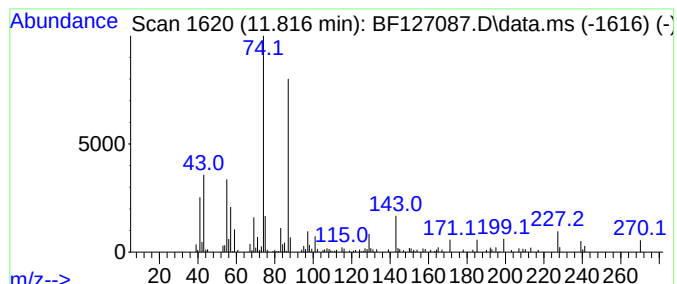
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Hexadecanoic acid, methyl e... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.816	2.32 ng	75452	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
4	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	83
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
Acq On : 25 Feb 2022 22:53
Operator : CG\JU
Sample : N1670-01 5X
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ALS Vial : 23 Sample Multiplier: 1

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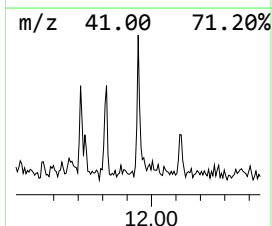
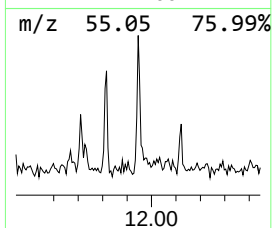
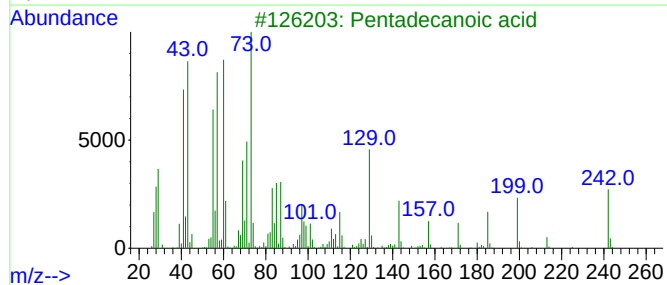
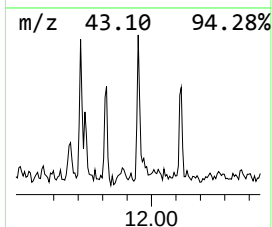
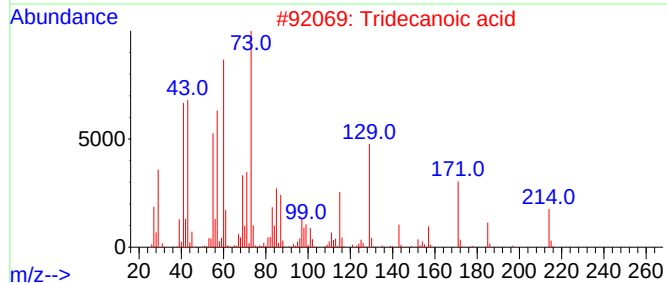
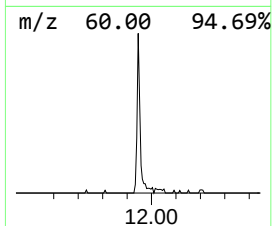
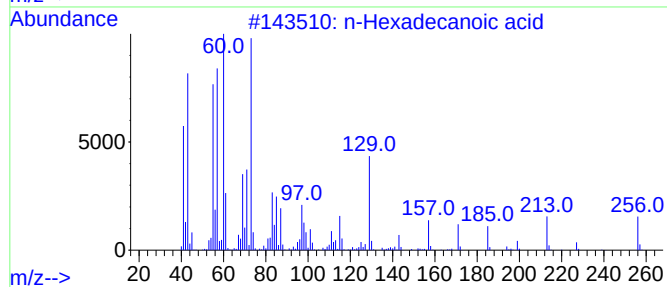
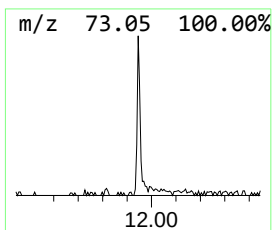
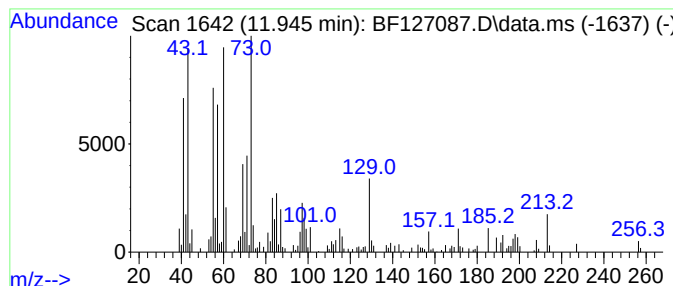
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	5.13 ng	167002	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	87
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	86
5			Undecanoic acid	186	C11H22O2	000112-37-8	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
Acq On : 25 Feb 2022 22:53
Operator : CG\JU
Sample : N1670-01 5X
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ALS Vial : 23 Sample Multiplier: 1

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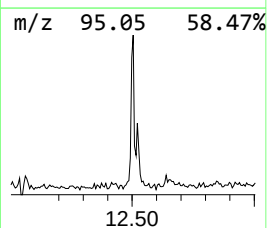
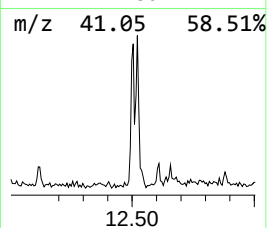
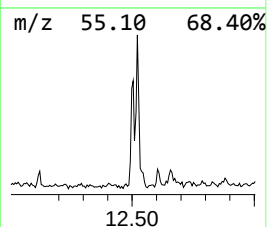
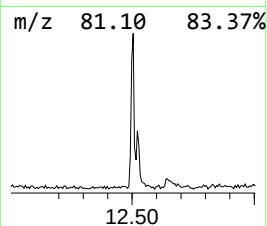
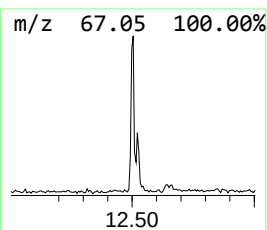
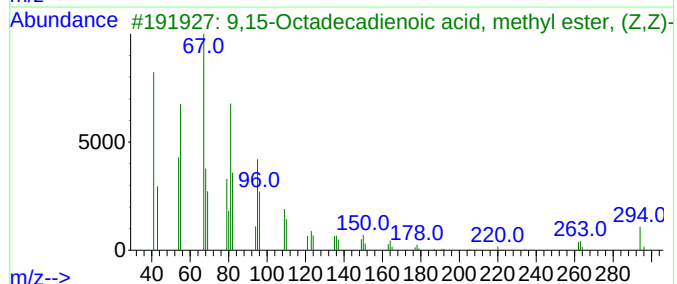
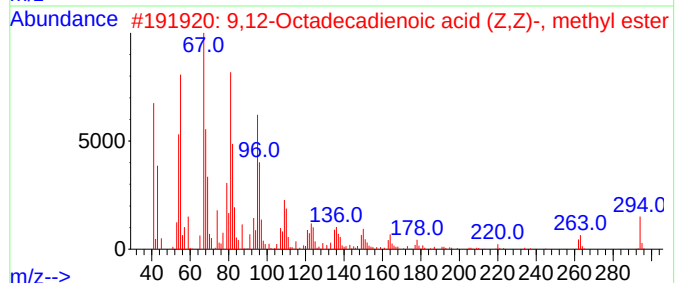
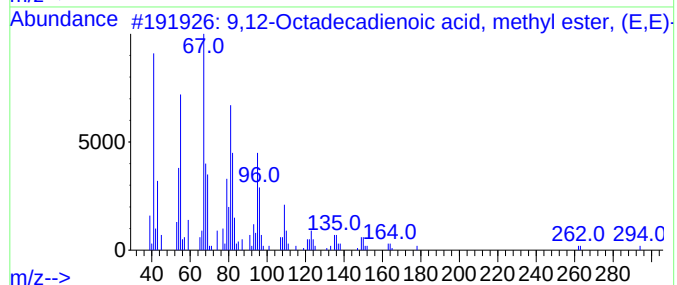
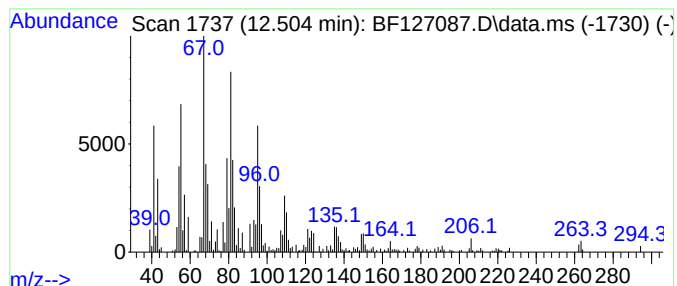
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.504	9.73 ng	316583	Phenanthrene-d10	11.433

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99		
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99		
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99		
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99		
5	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	97		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
Acq On : 25 Feb 2022 22:53
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Sample : N1670-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

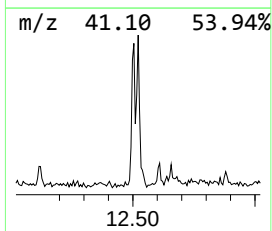
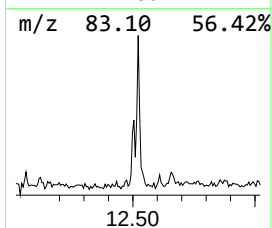
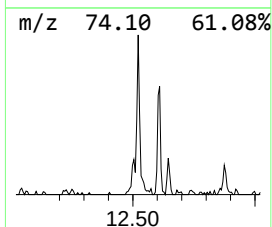
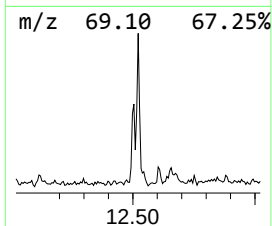
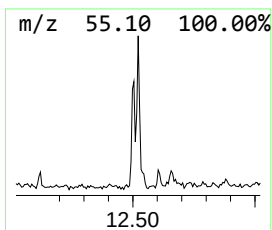
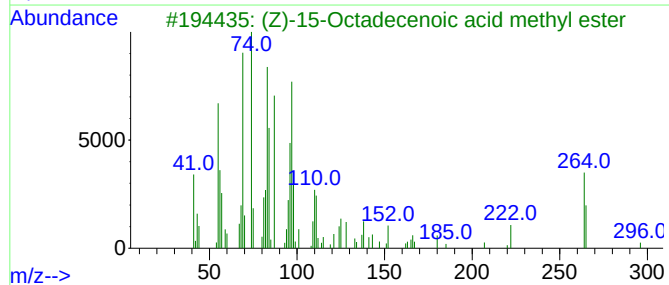
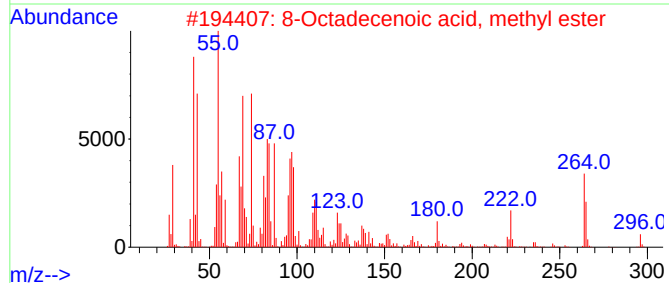
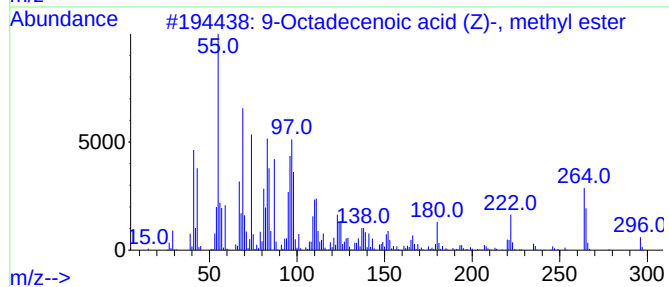
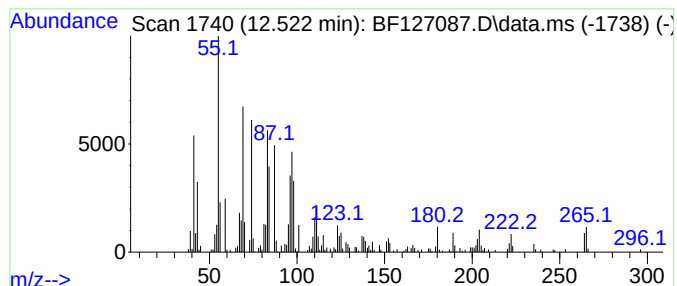
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.522	8.17 ng	265847	Phenanthrene-d10	11.433	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	94
3	(Z)-15-Octadecenoic acid methyl ...	296	C19H36O2	1000427-69-3	93
4	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	91
5	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
Acq On : 25 Feb 2022 22:53
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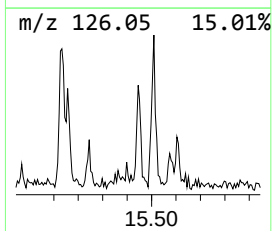
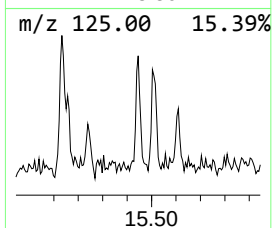
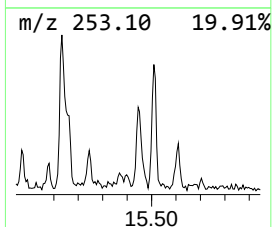
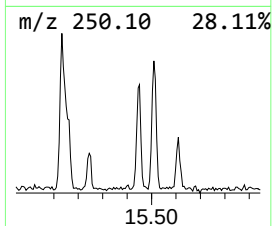
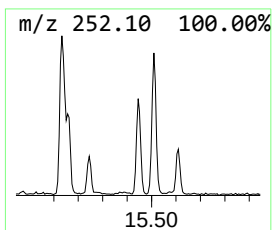
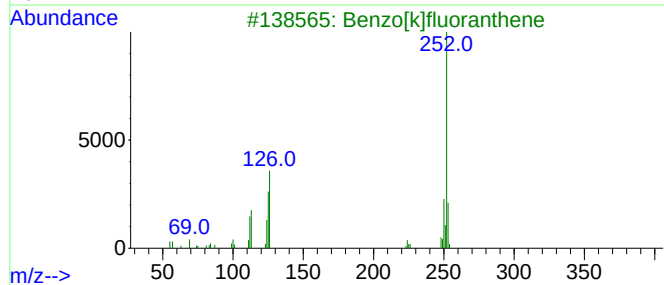
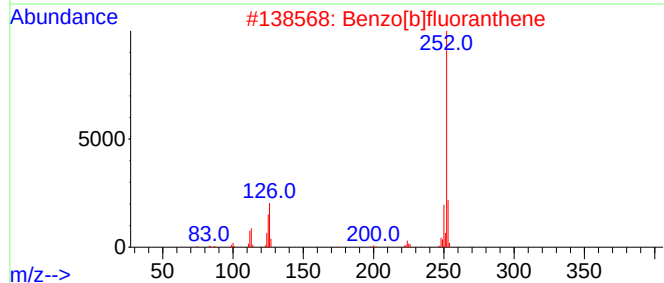
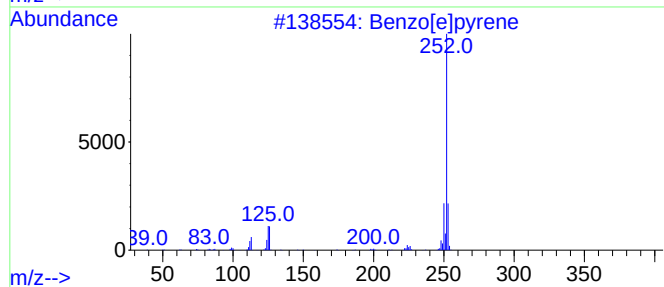
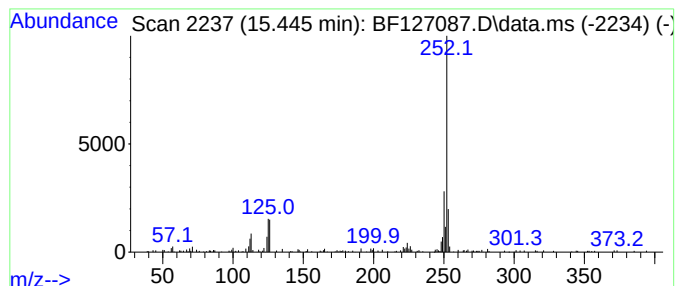
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	2.81 ng	91698	Perylene-d12	15.580

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Perylene	252	C20H12	000198-55-0	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022522\
Data File : BF127087.D
Acq On : 25 Feb 2022 22:53
Operator : CG\JU
Sample : N1670-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-022422

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Pentadecane	10.363	2.4	ng	91948	3	9.939	770376	20.0
Heptadecane	10.834	3.9	ng	127832	4	11.433	650508	20.0
Octacosane	11.281	2.1	ng	68548	4	11.433	650508	20.0
Hexadecanoic ac...	11.816	2.3	ng	75452	4	11.433	650508	20.0
n-Hexadecanoic ...	11.945	5.1	ng	167002	4	11.433	650508	20.0
9,12-Octadecadi...	12.504	9.7	ng	316583	4	11.433	650508	20.0
9-Octadecenoic ...	12.522	8.2	ng	265847	4	11.433	650508	20.0
Benzo[e]pyrene	15.445	2.8	ng	91698	6	15.580	651586	20.0