

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
 Data File : BP004520.D
 Acq On : 12 Jan 2021 23:53
 Operator : CG/JU
 Sample : M1077-03 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-011121-B

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_P\METHODS\8270E-BP011221.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004520.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.399	370	376	384	rBV	1001326	1500040	18.56%	1.857%
2	6.981	637	645	653	rBV	959739	1626286	20.12%	2.013%
3	7.434	717	722	732	rBV2	73069	163015	2.02%	0.202%
4	7.810	777	786	794	rBV	770019	1279205	15.83%	1.583%
5	8.451	890	895	908	rVB3	59599	153999	1.91%	0.191%
6	8.916	964	974	977	rBV2	72190	140087	1.73%	0.173%
7	8.969	977	983	990	rVV	603061	1074942	13.30%	1.331%
8	9.040	990	995	1005	rVV	218711	356889	4.42%	0.442%
9	9.169	1005	1017	1022	rVB8	43612	137617	1.70%	0.170%
10	9.793	1118	1123	1131	rBV3	40083	94362	1.17%	0.117%
11	9.957	1145	1151	1155	rBV3	75497	127012	1.57%	0.157%
12	10.004	1155	1159	1162	rBV3	62688	100789	1.25%	0.125%
13	10.140	1177	1182	1187	rBV2	47837	88390	1.09%	0.109%
14	10.240	1195	1199	1206	rVB2	68689	114349	1.41%	0.142%
15	10.604	1251	1261	1268	rBV2	1081587	2405669	29.77%	2.978%
16	10.775	1286	1290	1295	rVB	111764	163371	2.02%	0.202%
17	10.834	1295	1300	1308	rBV5	43319	90381	1.12%	0.112%
18	11.022	1322	1332	1337	rBV7	37624	109521	1.36%	0.136%
19	11.075	1337	1341	1350	rVB2	64843	147628	1.83%	0.183%
20	11.275	1370	1375	1377	rBV3	50562	85110	1.05%	0.105%
21	11.316	1378	1382	1389	rVV6	83545	209706	2.59%	0.260%
22	11.375	1389	1392	1399	rVB3	57239	99547	1.23%	0.123%
23	11.451	1399	1405	1411	rBV3	115587	196145	2.43%	0.243%
24	11.528	1411	1418	1425	rBV3	142941	278719	3.45%	0.345%
25	11.640	1431	1437	1441	rBV	153050	273647	3.39%	0.339%
26	11.722	1447	1451	1456	rVB3	51842	93121	1.15%	0.115%
27	11.804	1459	1465	1473	rVB2	185180	344902	4.27%	0.427%
28	12.040	1495	1505	1515	rBV	608886	1057316	13.08%	1.309%
29	12.163	1522	1526	1532	rVB2	99098	172103	2.13%	0.213%
30	12.263	1536	1543	1551	rVB6	92572	251268	3.11%	0.311%
31	12.487	1576	1581	1583	rBV4	45263	81536	1.01%	0.101%
32	12.528	1583	1588	1593	rVB2	188516	311961	3.86%	0.386%
33	12.675	1606	1613	1616	rBV7	96762	162701	2.01%	0.201%
34	12.716	1616	1620	1627	rVV4	84918	166600	2.06%	0.206%
35	12.787	1627	1632	1638	rVV6	107241	210247	2.60%	0.260%
36	12.851	1639	1643	1648	rVB3	109394	187650	2.32%	0.232%

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37	12.945	1654	1659	1664	rBV4	136238	263959	3.27%	0.327%
38	12.998	1664	1668	1673	rVV3	276231	425239	5.26%	0.526%
39	13.075	1675	1681	1691	rVV	1806235	2750946	34.04%	3.405%
40	13.157	1692	1695	1702	rVB7	53440	94276	1.17%	0.117%
41	13.286	1711	1717	1724	rBV	906215	1293949	16.01%	1.602%
42	13.398	1730	1736	1741	rVV2	147948	310369	3.84%	0.384%
43	13.451	1741	1745	1749	rVB2	109512	154893	1.92%	0.192%
44	13.616	1768	1773	1777	rBV5	76804	163236	2.02%	0.202%
45	13.734	1789	1793	1797	rBV5	78955	171942	2.13%	0.213%
46	13.922	1821	1825	1827	rBV2	185720	272653	3.37%	0.338%
47	13.945	1827	1829	1833	rVV	289311	378570	4.68%	0.469%
48	13.986	1833	1836	1841	rVB2	197899	256483	3.17%	0.317%
49	14.363	1895	1900	1906	rBV	1274526	1651924	20.44%	2.045%
50	14.463	1908	1917	1925	rVV	1609008	2720827	33.67%	3.368%
51	14.828	1972	1979	1983	rBV6	122880	302857	3.75%	0.375%
52	14.869	1983	1986	1992	rVB4	158706	222056	2.75%	0.275%
53	14.922	1992	1995	2000	rBV2	90138	149309	1.85%	0.185%
54	14.986	2002	2006	2015	rVB5	253796	463379	5.73%	0.574%
55	15.057	2015	2018	2020	rBV	98152	109382	1.35%	0.135%
56	15.322	2058	2063	2067	rVB	1245197	1533394	18.97%	1.898%
57	15.422	2077	2080	2089	rVB6	96695	205735	2.55%	0.255%
58	15.510	2091	2095	2098	rBV6	72447	108233	1.34%	0.134%
59	15.557	2099	2103	2108	rVB5	66554	135438	1.68%	0.168%
60	15.728	2126	2132	2137	rVV	380979	696832	8.62%	0.863%
61	15.822	2146	2148	2154	rVB2	125938	170317	2.11%	0.211%
62	15.880	2154	2158	2164	rBV3	154444	279415	3.46%	0.346%
63	15.957	2165	2171	2179	rVB	1399057	2200597	27.23%	2.724%
64	16.186	2206	2210	2226	rBV	1277690	2336698	28.91%	2.893%
65	16.528	2265	2268	2272	rBV	101309	148329	1.84%	0.184%
66	16.792	2311	2313	2317	rVB2	89481	100658	1.25%	0.125%
67	16.986	2341	2346	2350	rBV	1035575	1342049	16.61%	1.661%
68	17.039	2350	2355	2365	rVB	455319	827541	10.24%	1.024%
69	17.222	2380	2386	2391	rBV	2003595	2932785	36.29%	3.630%
70	17.263	2391	2393	2396	rVB	88813	100650	1.25%	0.125%
71	17.463	2424	2427	2432	rVB2	101186	123791	1.53%	0.153%
72	17.527	2435	2438	2445	rVB3	110706	160900	1.99%	0.199%
73	17.645	2455	2458	2464	rVB3	110506	171458	2.12%	0.212%
74	17.727	2467	2472	2476	rBV	959617	1191584	14.74%	1.475%
75	17.769	2476	2479	2483	rVV2	180573	200524	2.48%	0.248%
76	17.898	2496	2501	2506	rVB	3157163	3877718	47.98%	4.800%

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77	18.004	2515	2519	2523	rBV3	97377	173685	2.15%	0.215%
78	18.116	2535	2538	2543	rBV5	87408	127645	1.58%	0.158%
79	18.398	2582	2586	2596	rVB	822699	987117	12.21%	1.222%
80	18.851	2659	2663	2668	rVB	228227	291284	3.60%	0.361%
81	18.998	2683	2688	2691	rBV3	5529280	7400391	91.57%	9.161%
82	19.033	2691	2694	2698	rVB2	6793709	8081348	100.00%	10.004%
83	19.157	2711	2715	2721	rBV	1440978	1722117	21.31%	2.132%
84	19.233	2724	2728	2736	rVV	370410	579069	7.17%	0.717%
85	19.516	2773	2776	2780	rVV2	123949	144004	1.78%	0.178%
86	19.569	2781	2785	2797	rVB2	561566	1094432	13.54%	1.355%
87	19.786	2817	2822	2827	rVB	3544952	4287509	53.05%	5.307%
88	19.992	2855	2857	2860	rBV4	87564	95250	1.18%	0.118%
89	20.086	2870	2873	2876	rBV2	320281	354357	4.38%	0.439%
90	20.116	2876	2878	2885	rVB4	158561	211706	2.62%	0.262%
91	20.227	2893	2897	2901	rBV2	196790	257912	3.19%	0.319%
92	20.386	2921	2924	2930	rVB3	129358	180950	2.24%	0.224%
93	20.574	2952	2956	2960	rBV	240569	287286	3.55%	0.356%
94	20.657	2967	2970	2973	rBV	115087	134438	1.66%	0.166%
95	21.033	3030	3034	3040	rBV2	348026	614482	7.60%	0.761%
96	21.086	3040	3043	3051	rVB	501521	652427	8.07%	0.808%
97	21.151	3052	3054	3060	rVB2	142178	158646	1.96%	0.196%
98	21.315	3076	3082	3086	rBV	2889317	3956570	48.96%	4.898%
99	21.457	3104	3106	3113	rVB2	140667	149988	1.86%	0.186%
100	23.668	3475	3482	3489	rVB	1995902	3784809	46.83%	4.685%

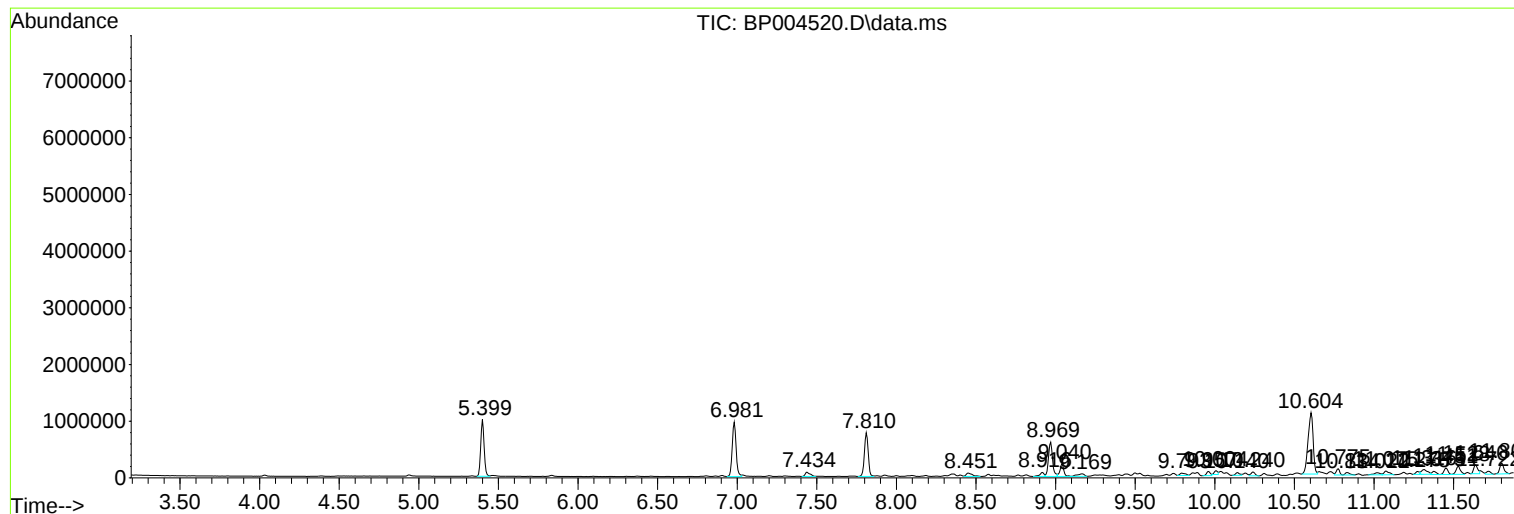
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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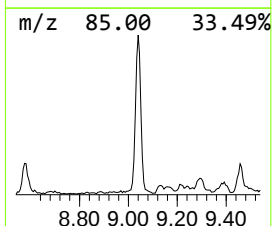
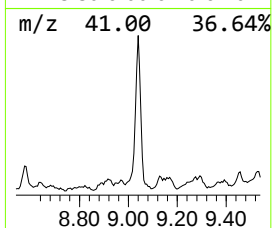
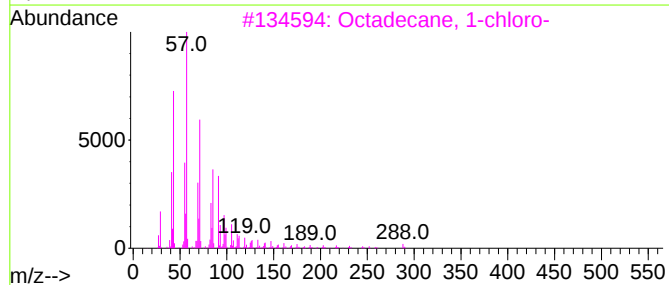
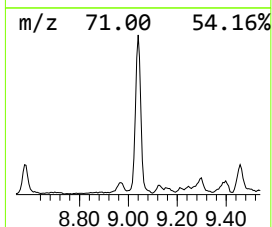
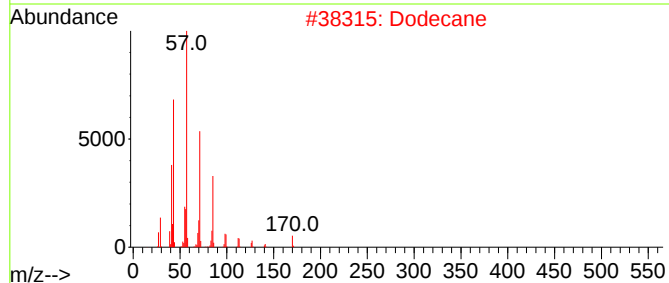
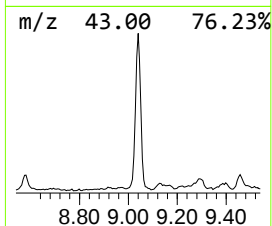
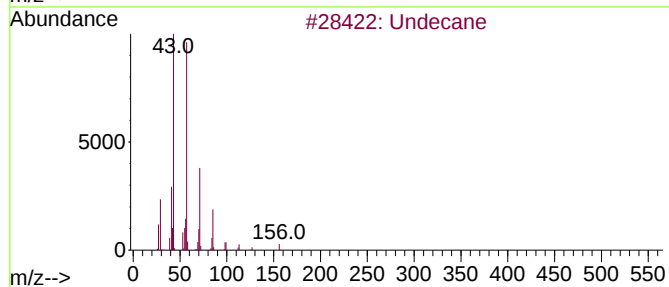
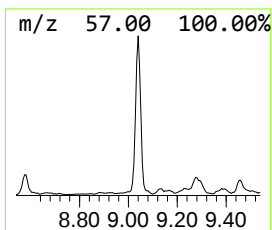
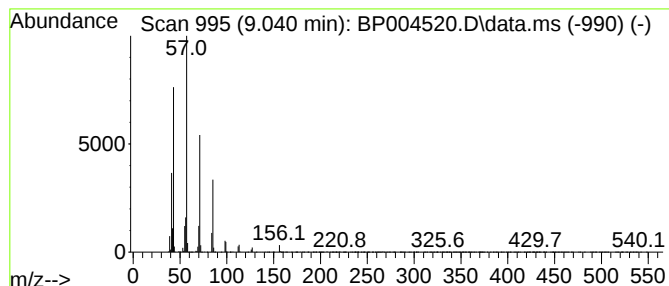
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Undecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.040	5.58 ng	356889	1,4-Dichlorobenzene-d4	7.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	91
2	Dodecane			170	C12H26	000112-40-3	91
3	Octadecane, 1-chloro-			288	C18H37Cl	003386-33-2	91
4	Tetradecane			198	C14H30	000629-59-4	90
5	Hexadecane			226	C16H34	000544-76-3	90



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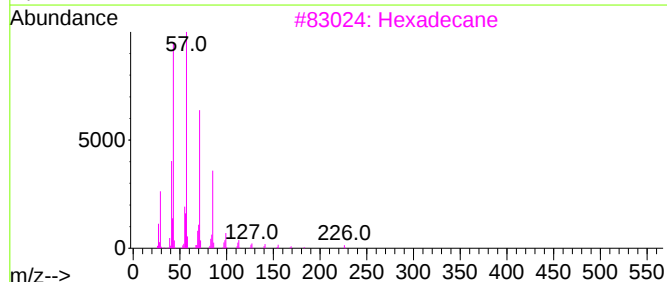
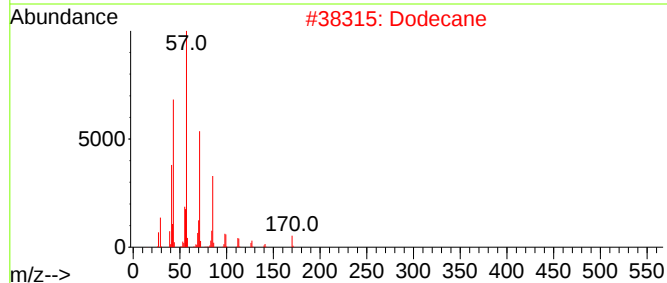
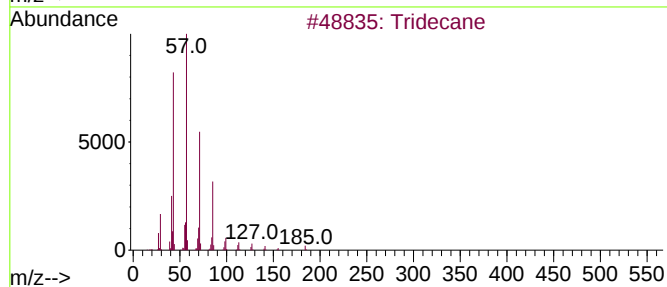
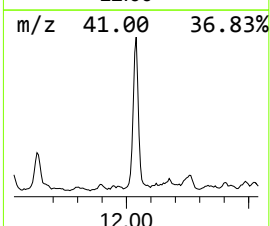
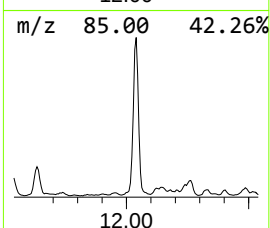
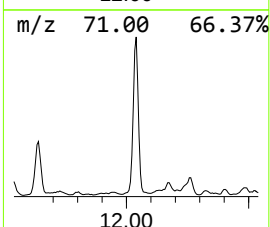
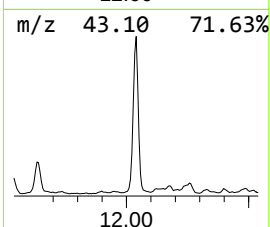
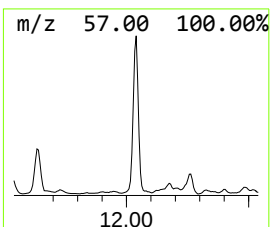
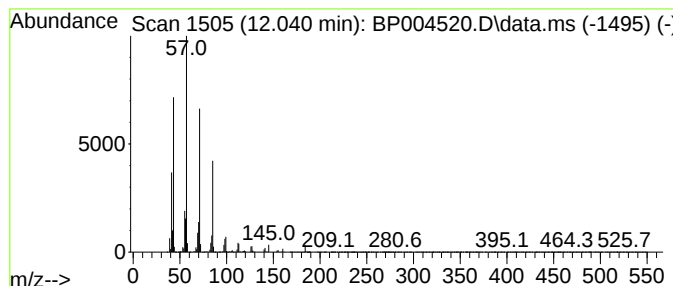
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Peak Number 2 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.040	8.79 ng	1057320	Naphthalene-d8	10.604

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Dodecane	170	C12H26	000112-40-3	90
3			Hexadecane	226	C16H34	000544-76-3	83
4			Heneicosane	296	C21H44	000629-94-7	80
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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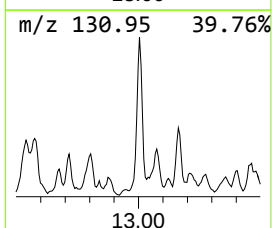
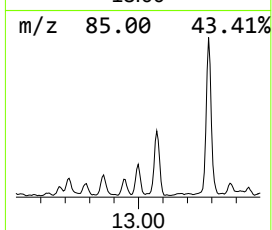
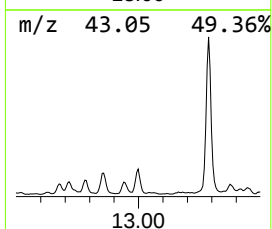
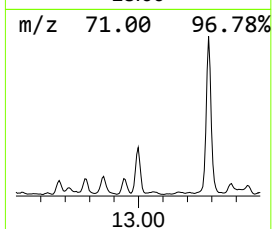
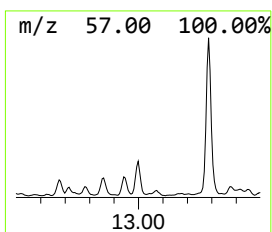
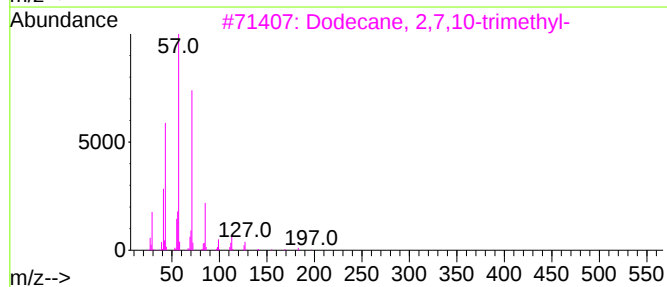
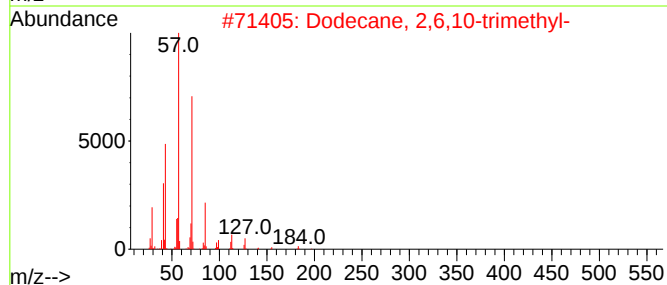
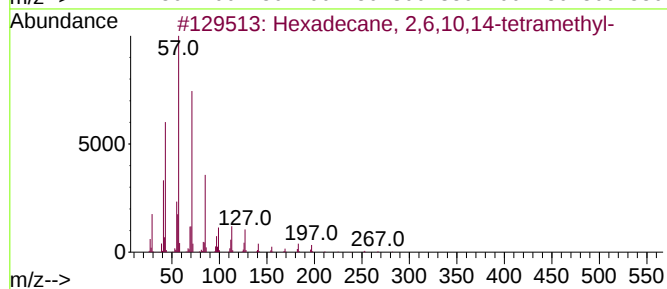
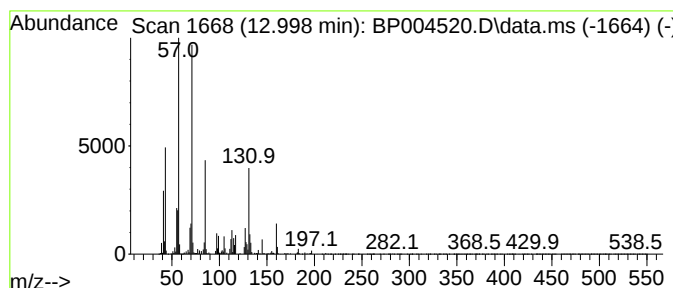
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.998	3.13 ng	425239	Acenaphthene-d10	14.463	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
4	Decane, 5-propyl-	184	C13H28	017312-62-8	49
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-011121-B

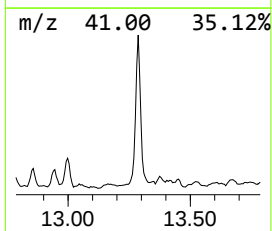
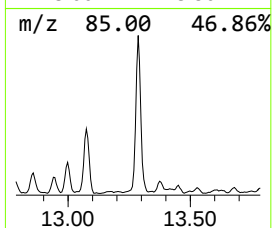
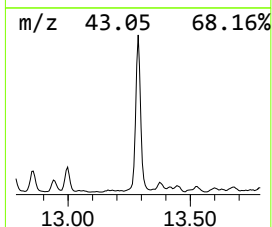
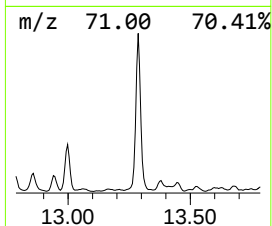
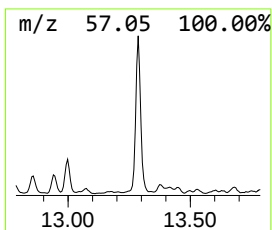
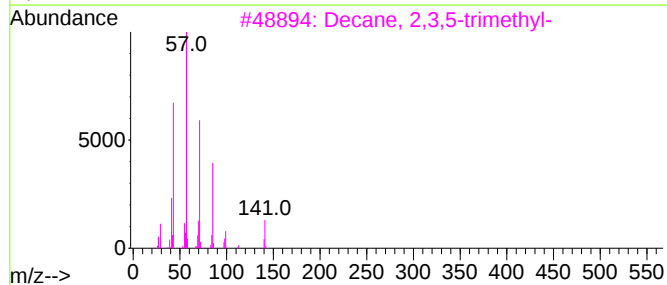
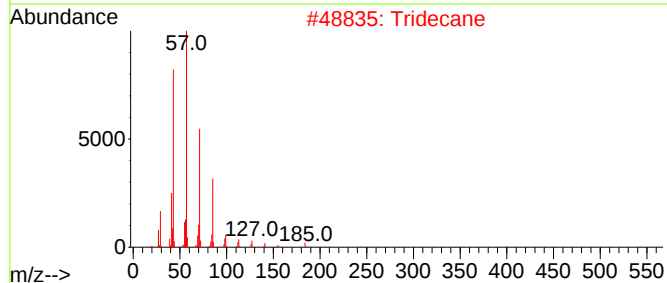
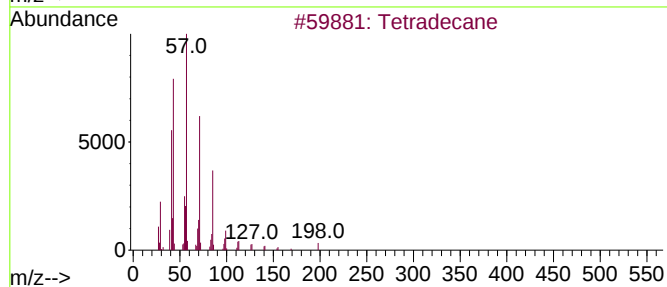
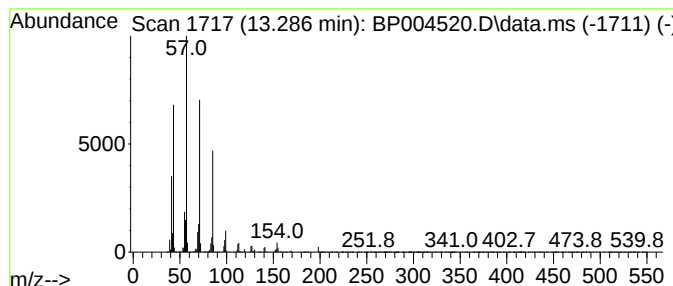
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	9.51 ng	1293950	Acenaphthene-d10	14.463

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	96
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
5		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
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ClientSampleId :
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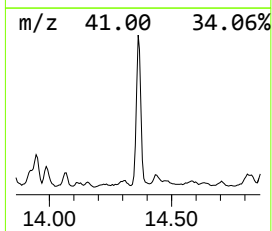
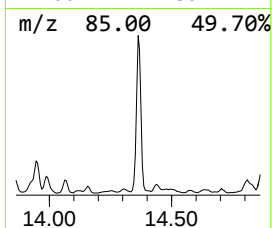
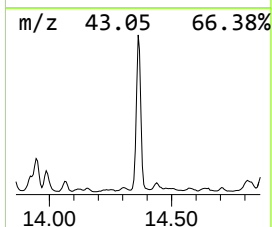
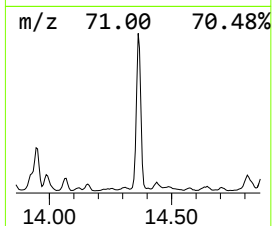
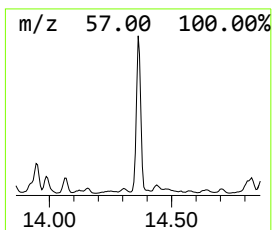
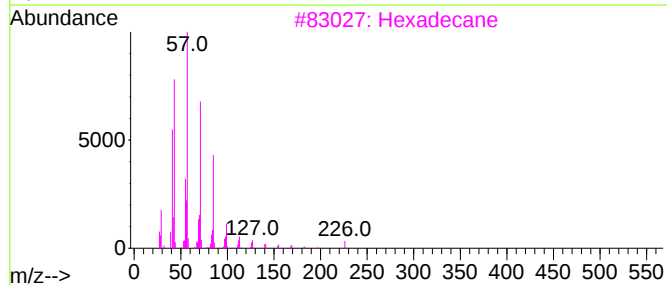
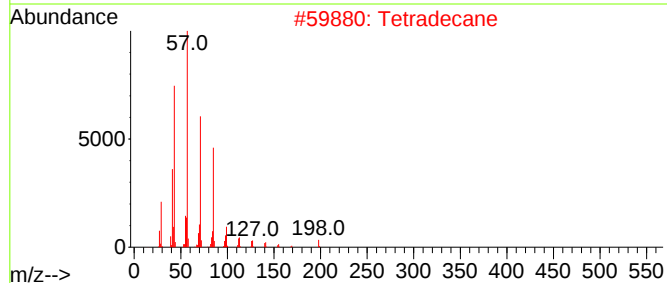
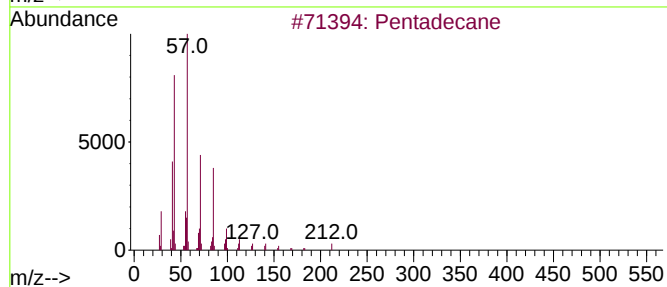
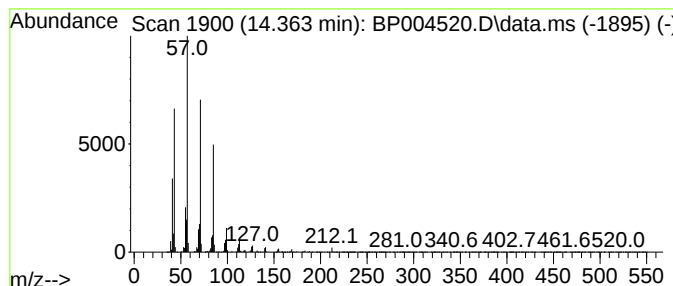
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.363	12.14 ng	1651920	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	92
2			Tetradecane	198	C14H30	000629-59-4	91
3			Hexadecane	226	C16H34	000544-76-3	91
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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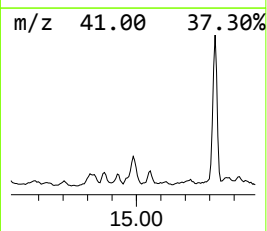
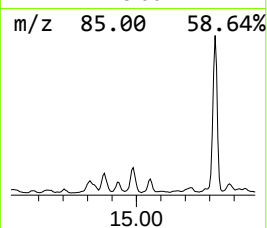
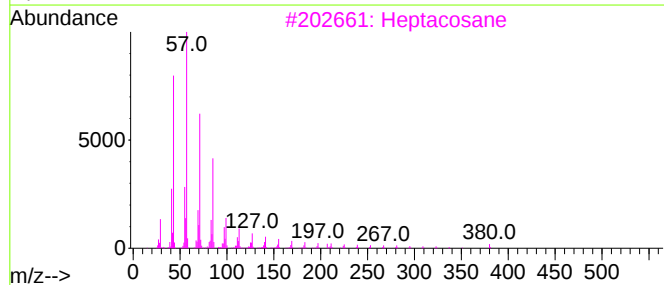
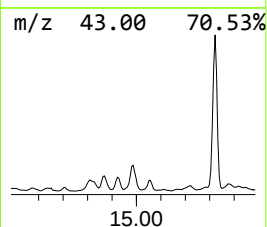
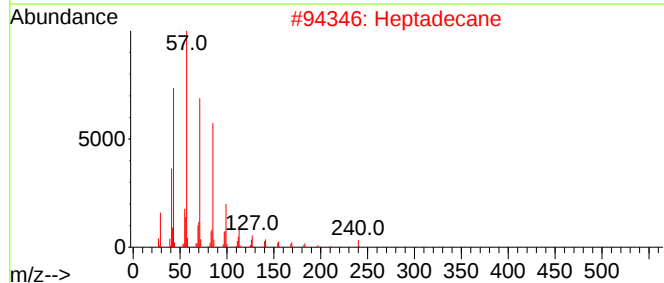
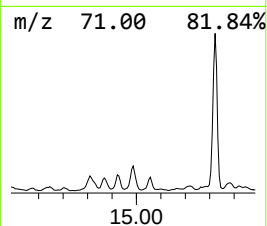
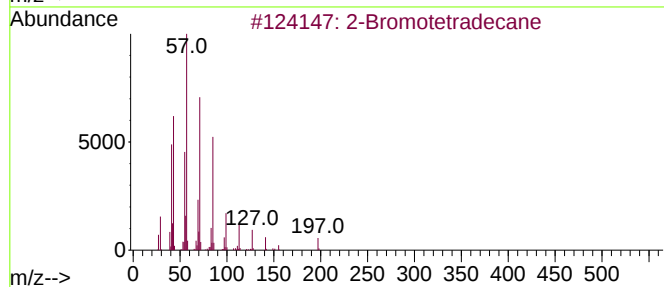
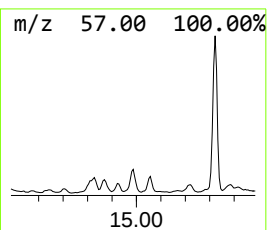
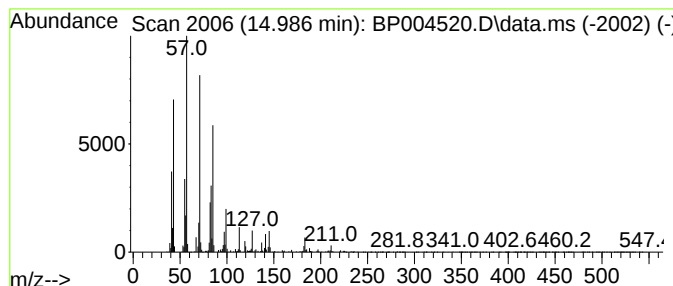
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2-Bromotetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.986	3.41 ng	463379	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Bromotetradecane	276	C14H29Br	074036-95-6	74
2			Heptadecane	240	C17H36	000629-78-7	74
3			Heptacosane	380	C27H56	000593-49-7	72
4			2-Bromo dodecane	248	C12H25Br	013187-99-0	72
5			triacontane	422	C30H62	000638-68-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
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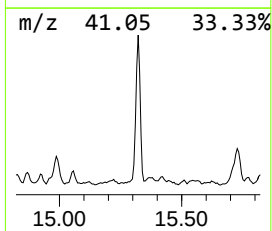
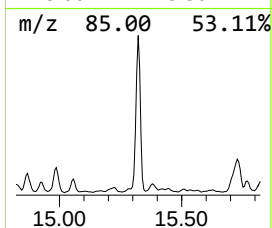
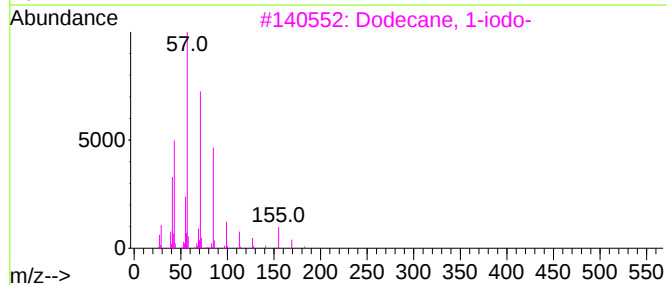
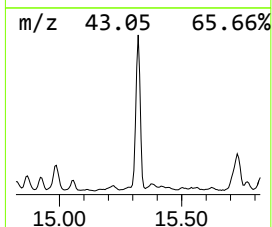
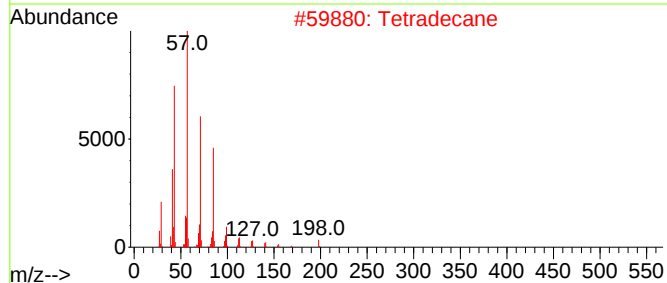
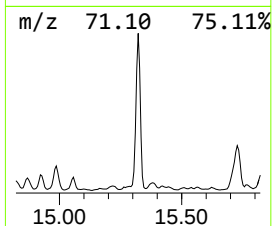
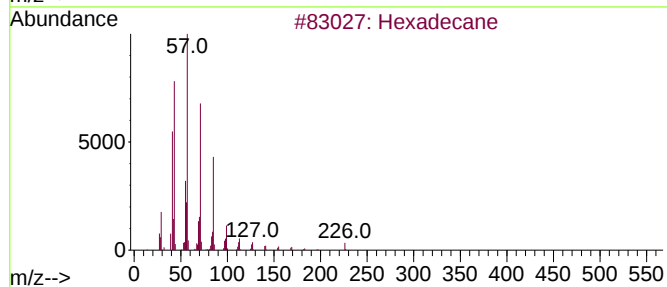
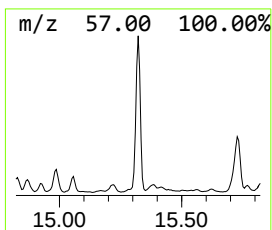
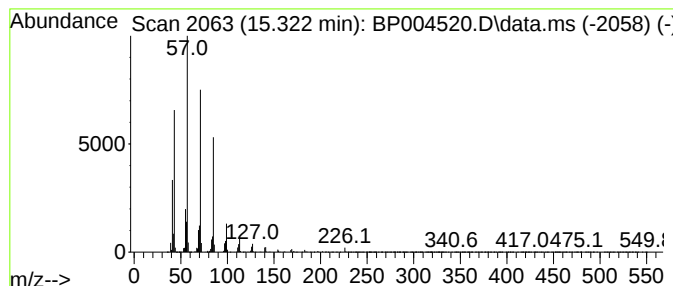
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.322	11.27 ng	1533390	Acenaphthene-d10	14.463	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
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Operator : CG/JU
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Instrument :
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ClientSampleId :
JC-03-011121-B

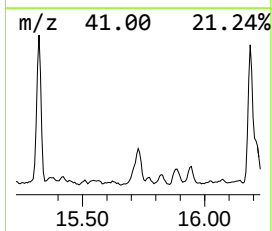
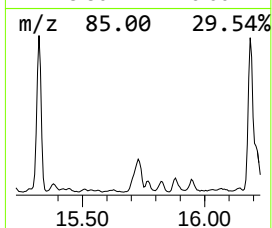
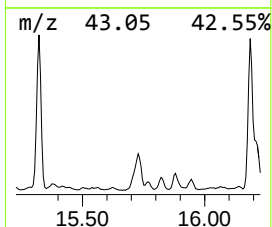
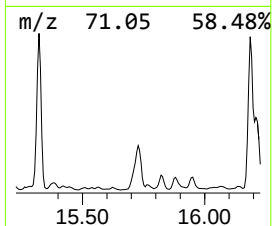
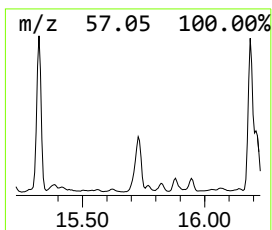
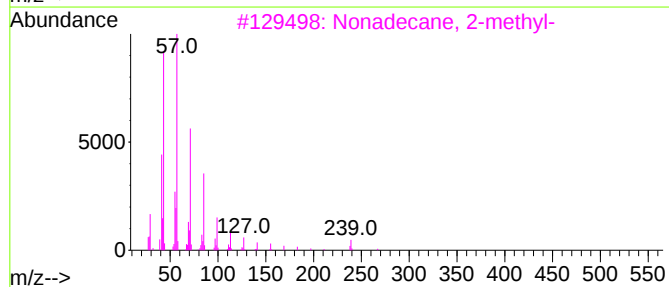
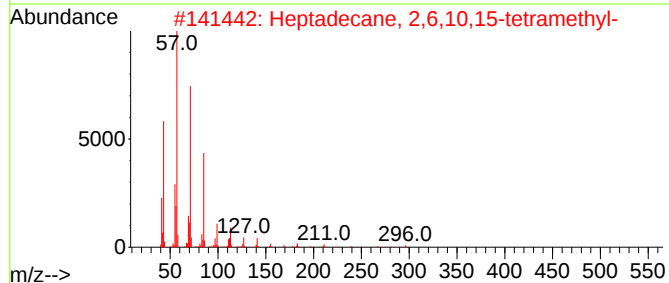
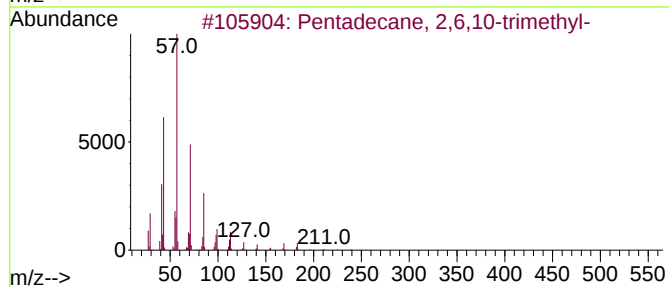
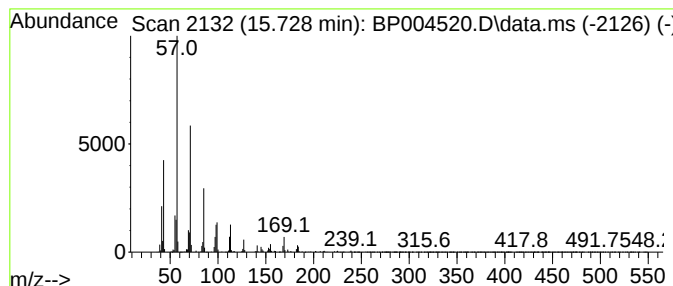
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentadecane, 2,6,10-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	5.12 ng	696832	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
4			Heptacosane	380	C27H56	000593-49-7	80
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	80



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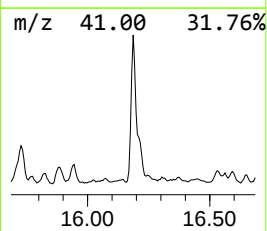
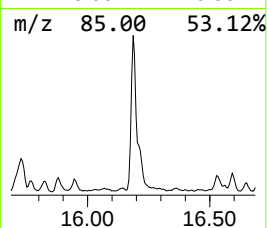
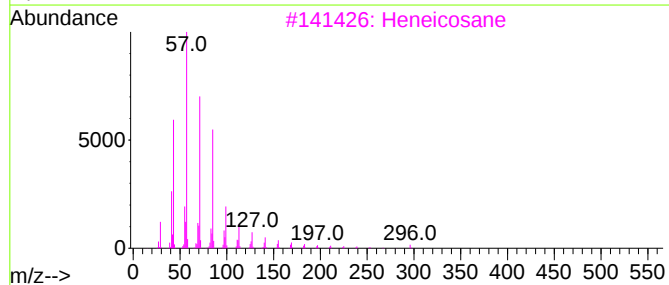
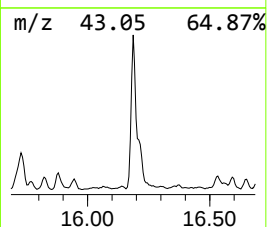
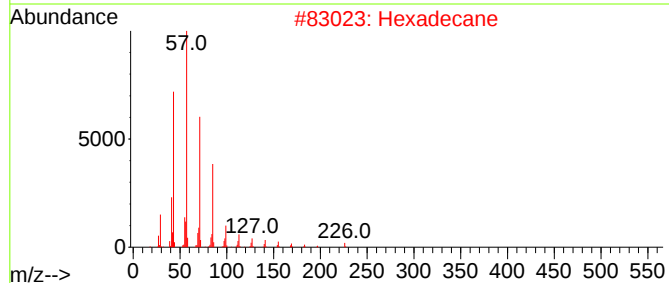
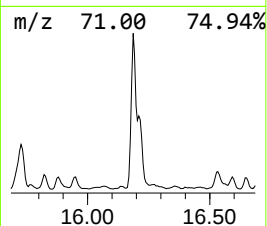
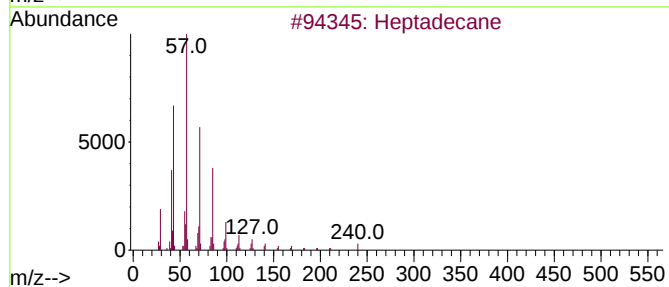
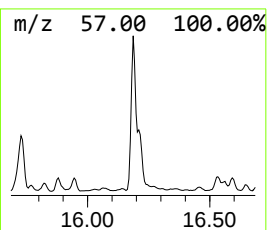
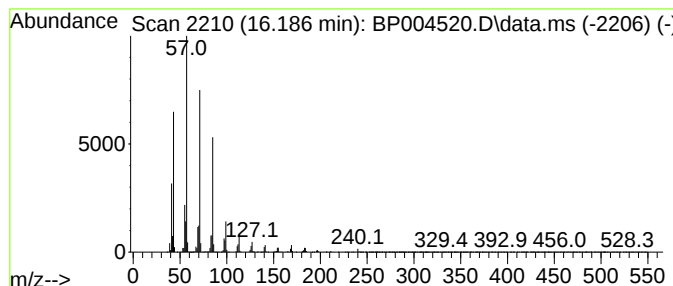
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	15.94 ng	2336700	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Hexadecane	226	C16H34	000544-76-3	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Octadecane	254	C18H38	000593-45-3	91
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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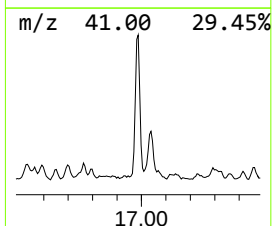
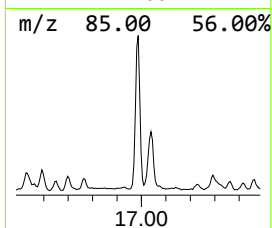
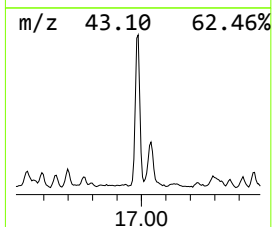
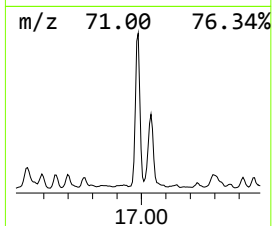
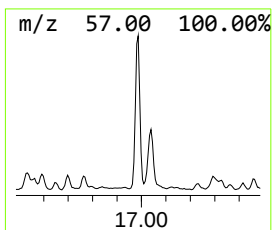
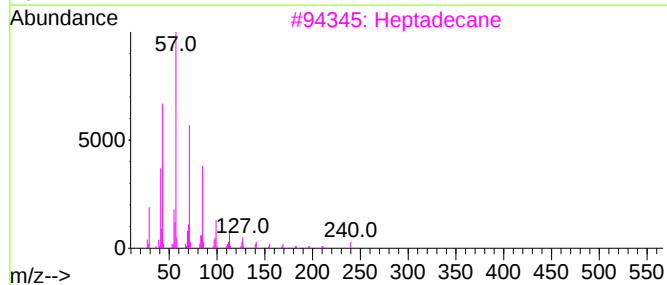
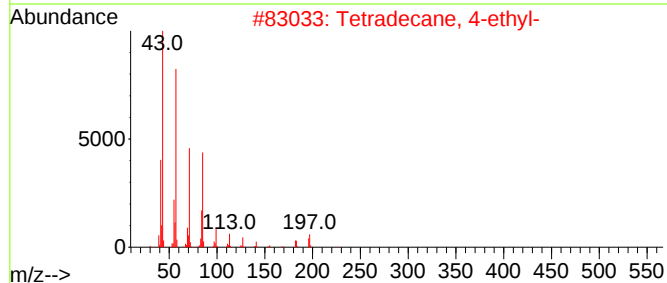
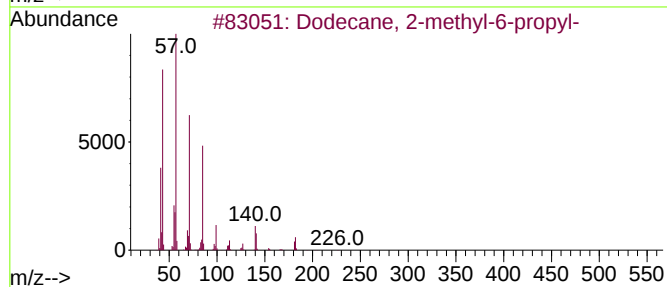
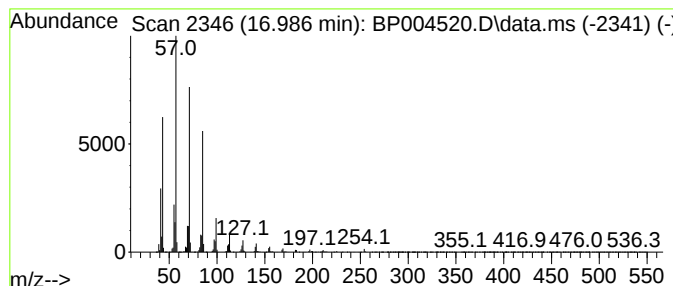
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	9.15 ng	1342050	Phenanthrene-d10	17.222

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
2		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octadecane	254	C18H38	000593-45-3	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JC-03-011121-B

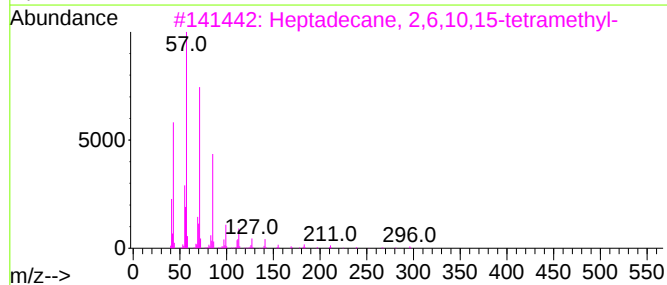
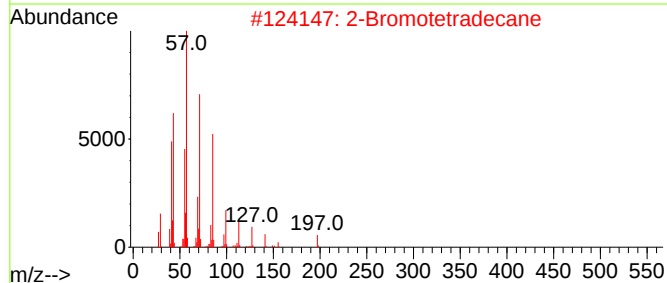
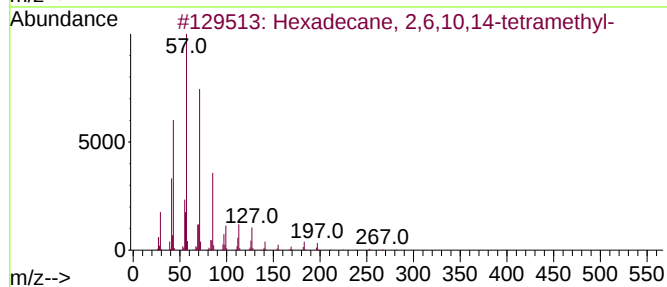
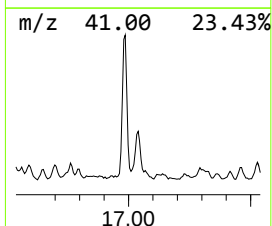
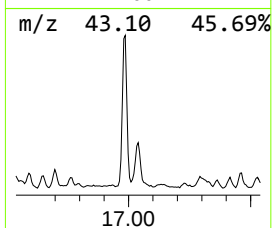
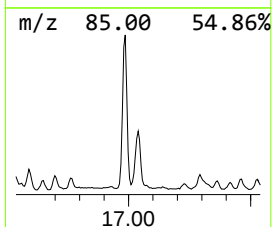
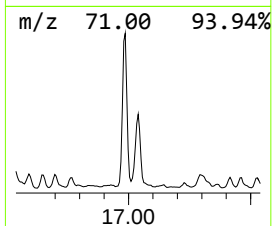
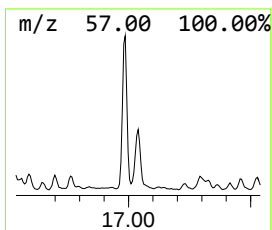
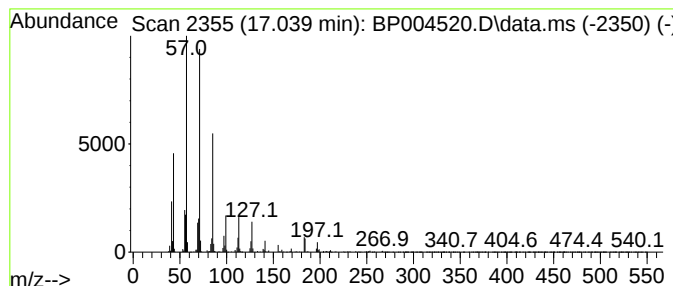
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	5.64 ng	827541	Phenanthrene-d10	17.222

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Tridecane	184	C13H28	000629-50-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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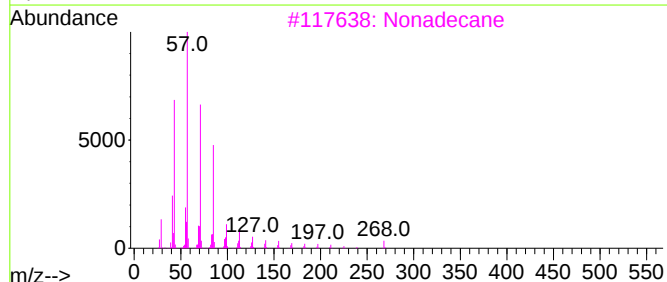
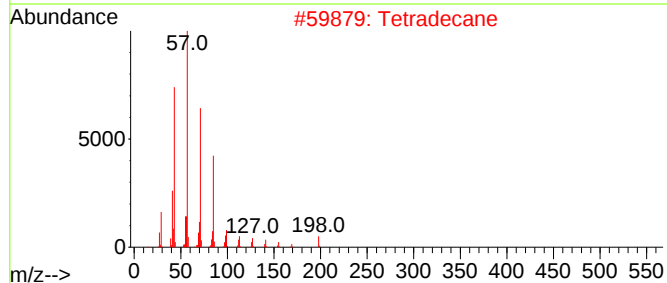
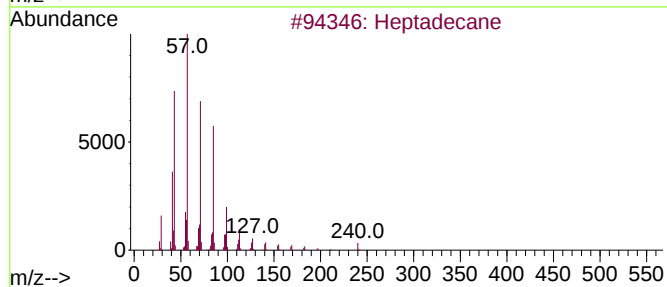
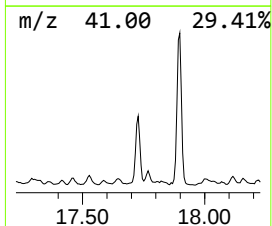
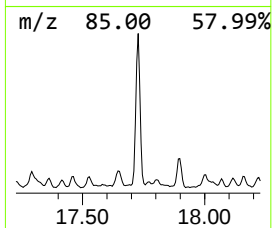
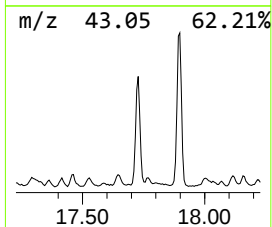
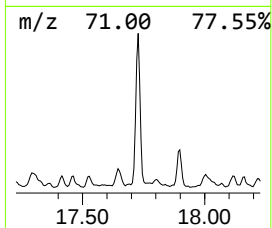
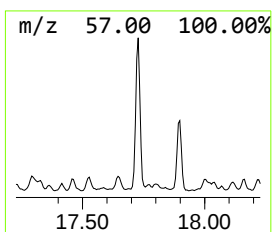
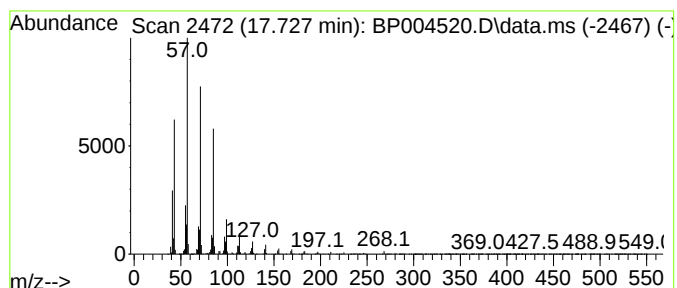
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	8.13 ng	1191580	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	91
2			Tetradecane	198	C14H30	000629-59-4	91
3			Nonadecane	268	C19H40	000629-92-5	91
4			Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	83
5			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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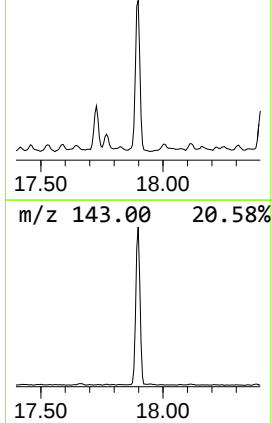
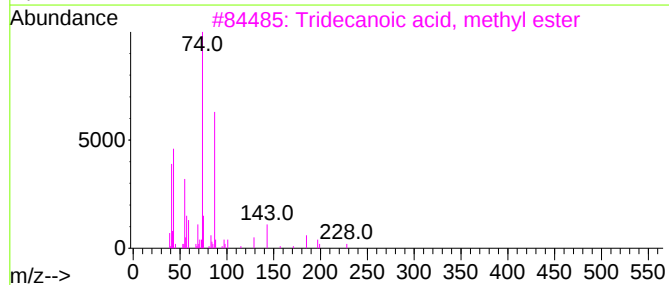
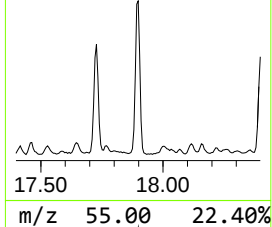
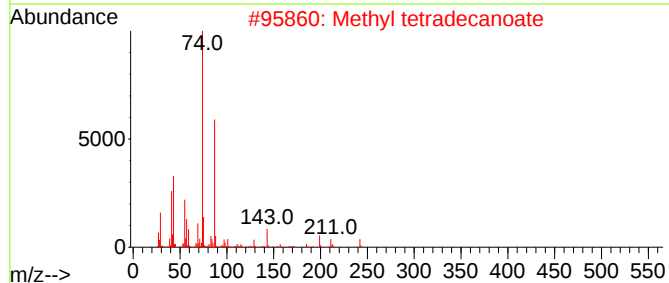
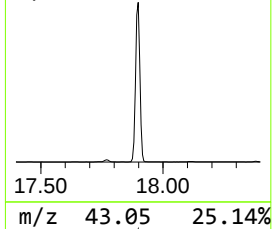
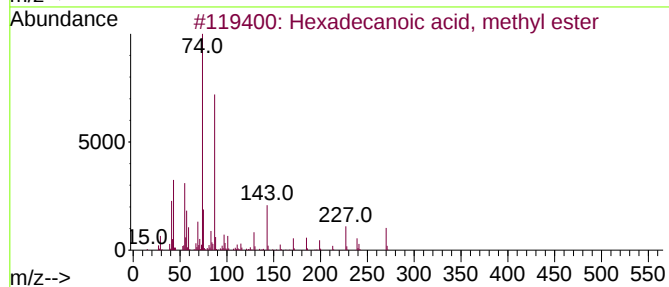
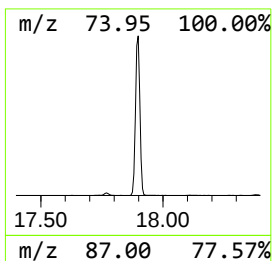
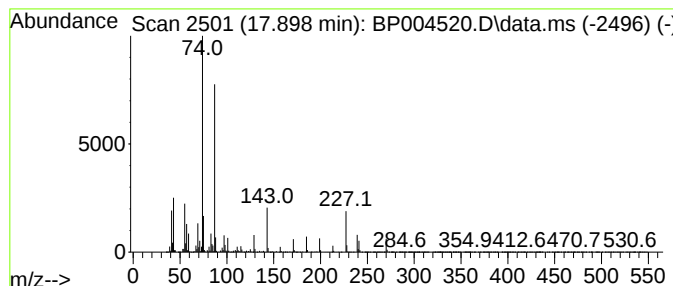
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.898	26.44 ng	3877720	Phenanthrene-d10	17.222

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	86
5		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
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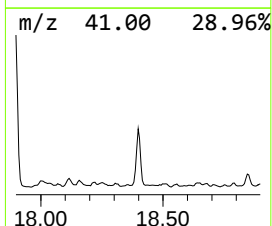
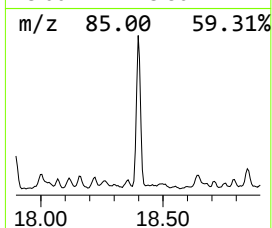
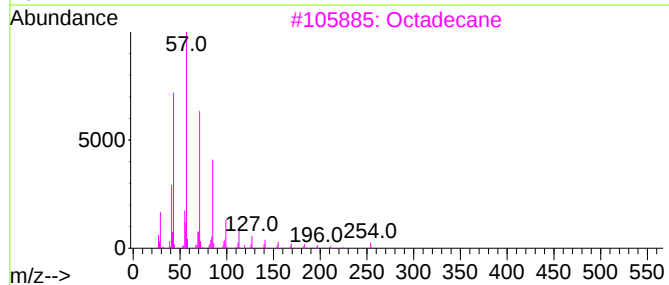
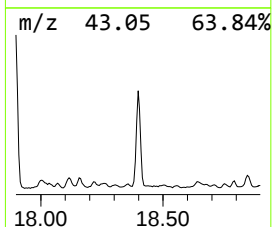
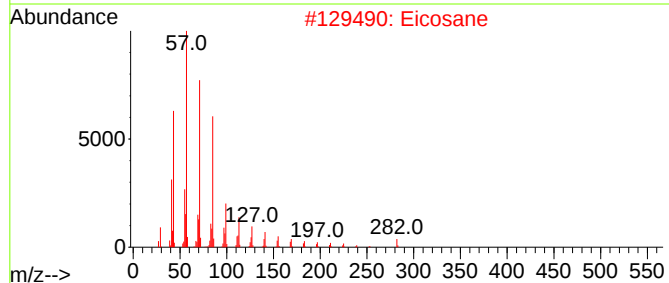
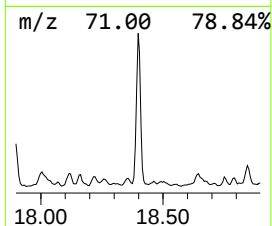
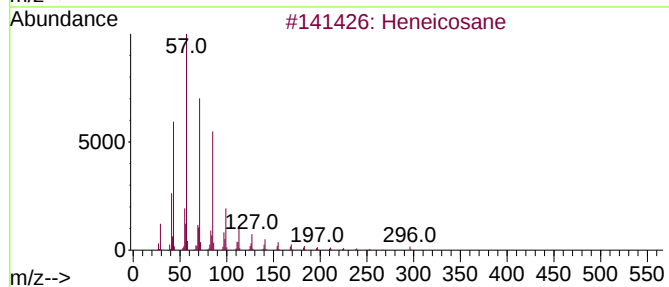
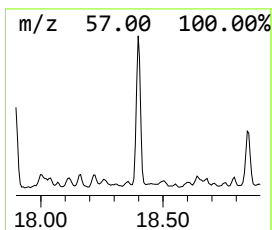
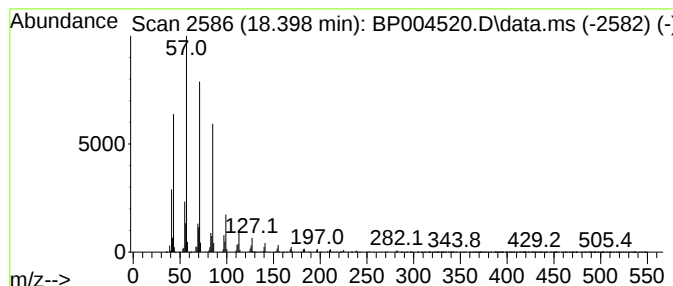
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.398	6.73 ng	987117	Phenanthrene-d10		17.222	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Eicosane		282	C20H42	000112-95-8	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Heptadecane		240	C17H36	000629-78-7	91
5	Nonadecane		268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-011121-B

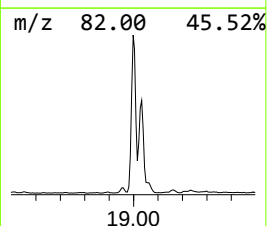
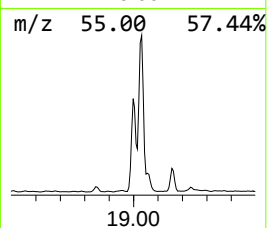
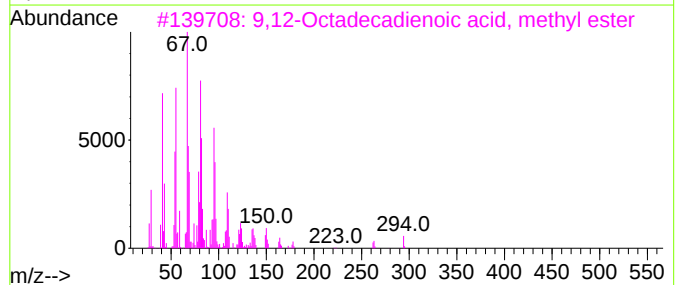
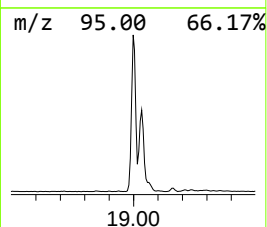
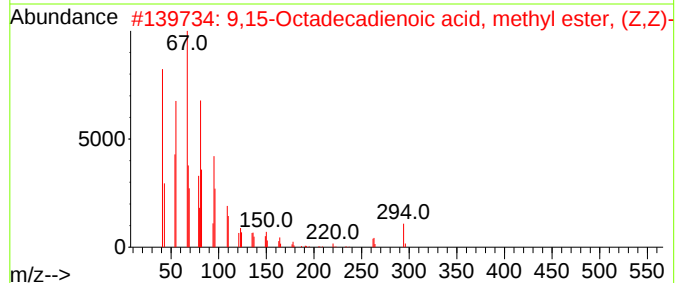
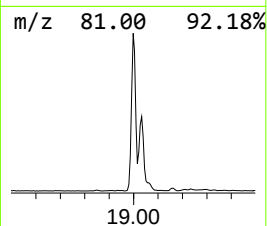
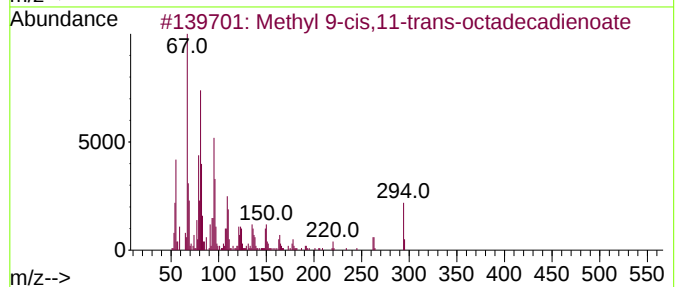
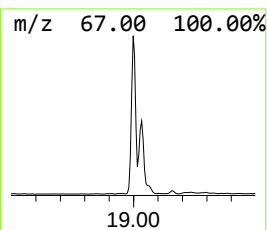
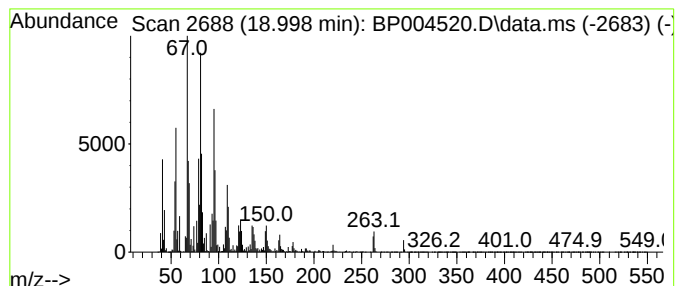
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	50.47 ng	7400390	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2			9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4			9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5			9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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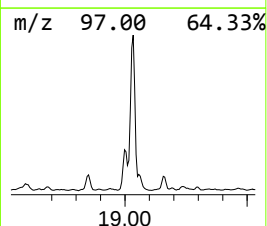
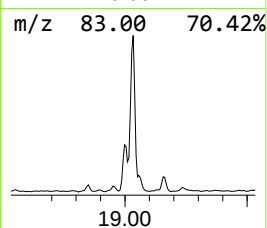
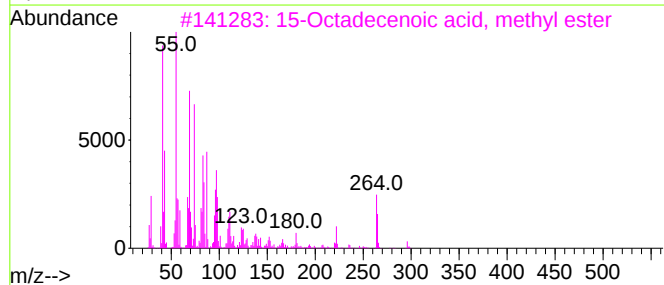
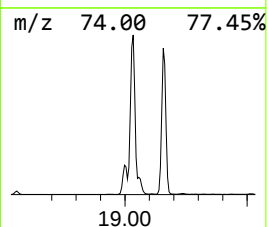
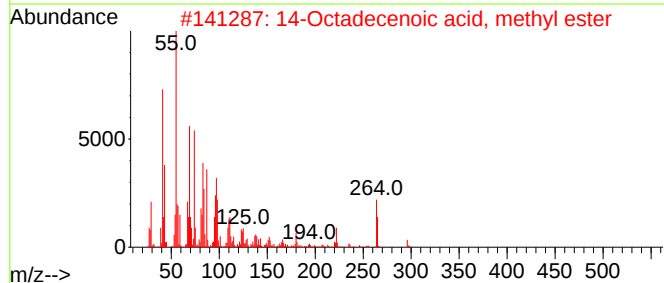
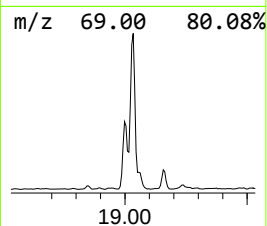
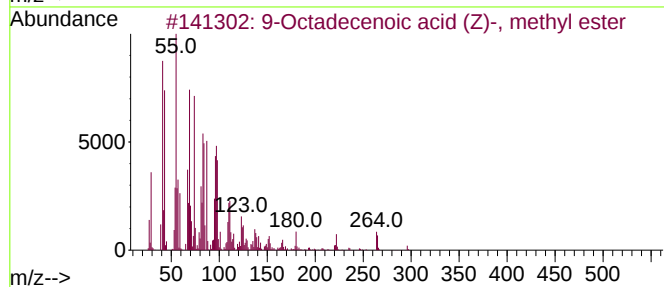
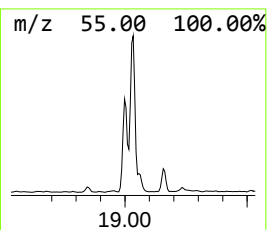
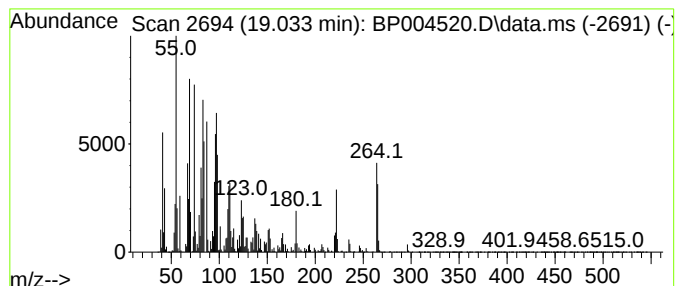
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.033	55.11 ng	8081350	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-03-011121-B

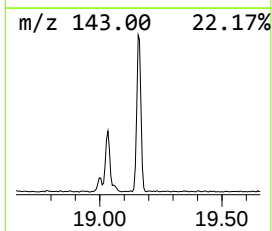
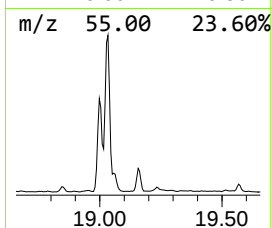
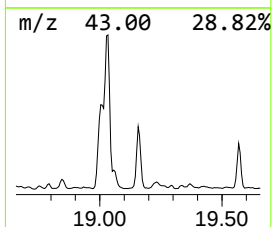
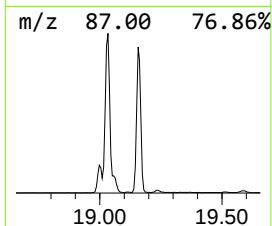
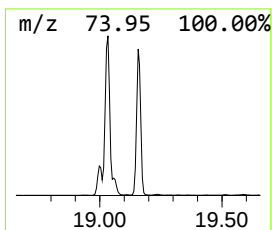
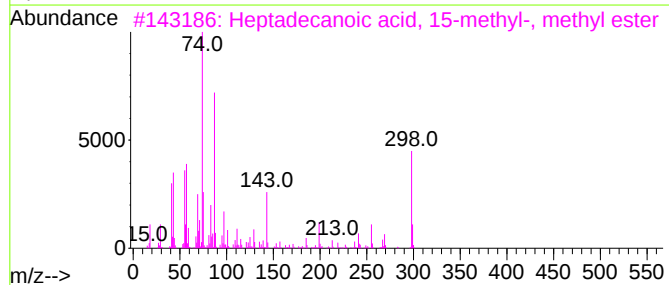
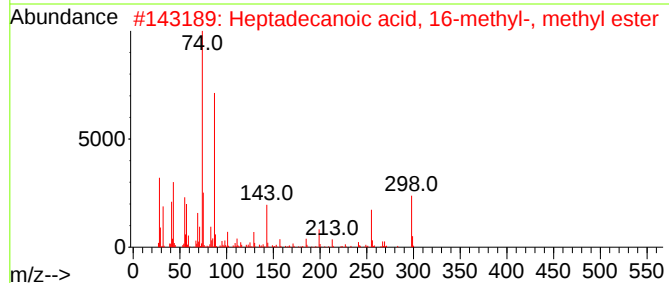
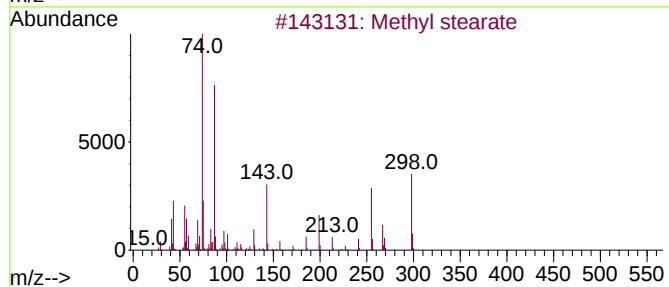
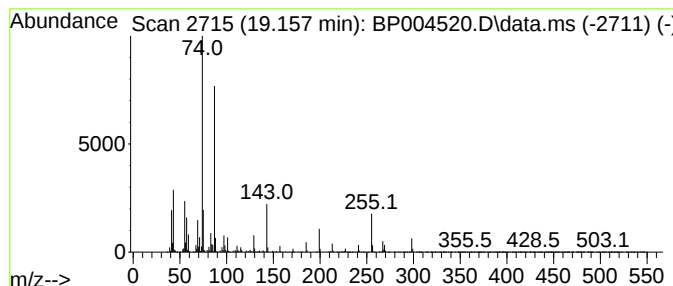
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.157	11.74 ng	1722120	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methyl stearate	298	C19H38O2	000112-61-8	98
2			Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3			Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
4			Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

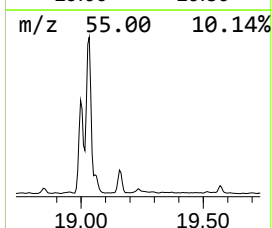
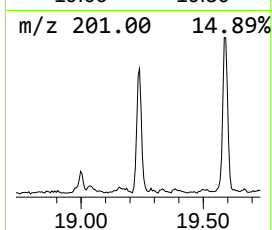
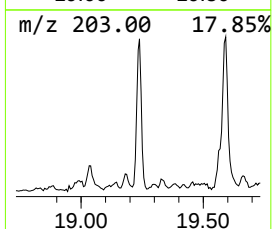
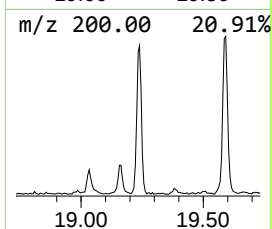
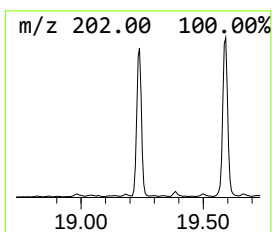
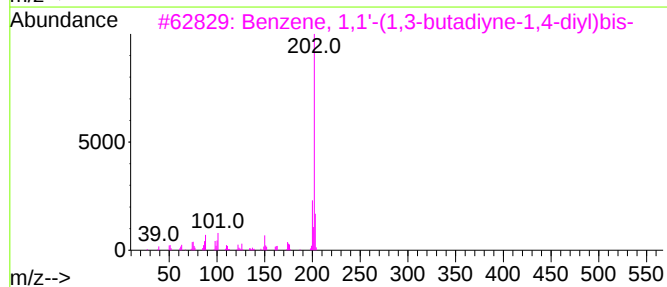
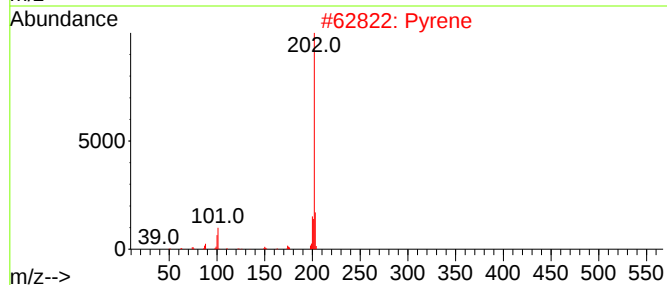
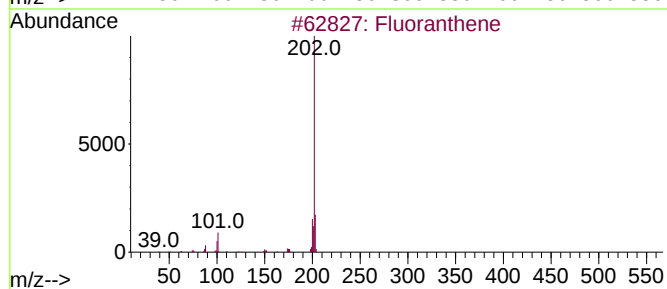
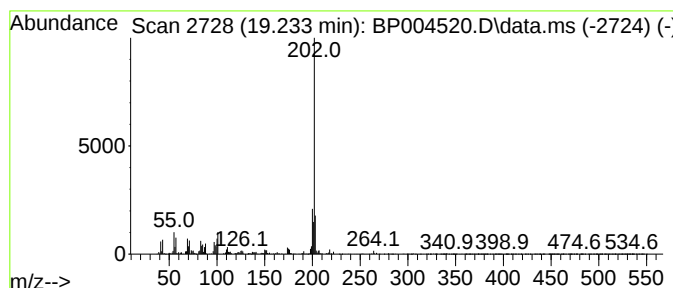
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ClientSampleId :
JC-03-011121-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.233	3.95 ng	579069	Phenanthrene-d10	17.222	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	93
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	1H-Indole-3-propanoic acid, 1-(t...	275	C15H21NO2Si	056196-72-6	50
5	1-Methyl-7,11-dithiaspiro[5,5] u...	202	C10H18S2	107678-22-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

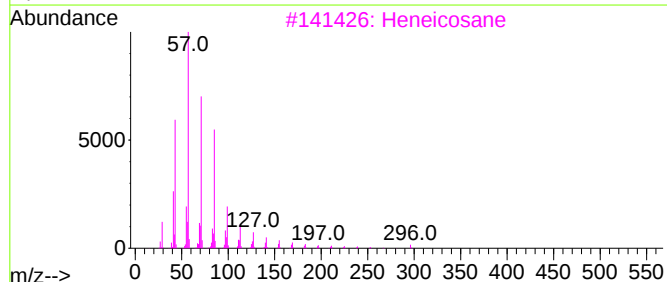
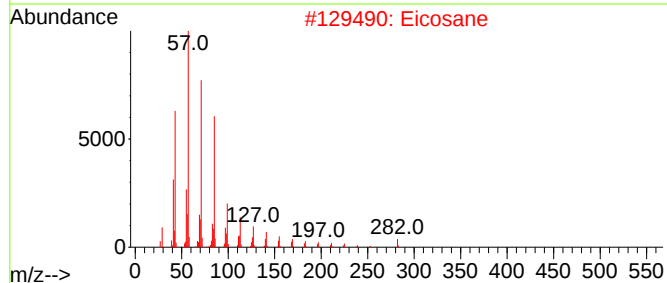
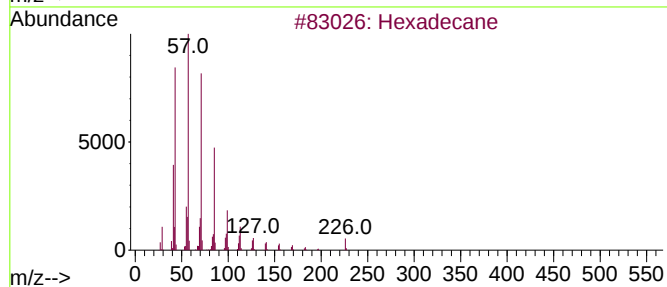
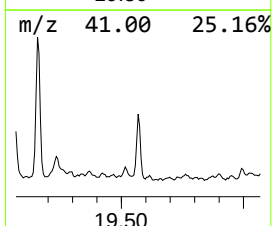
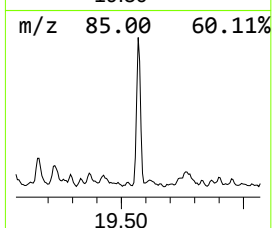
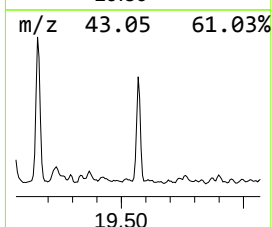
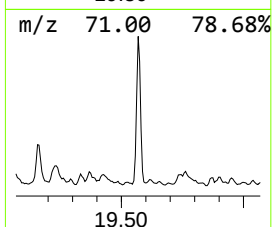
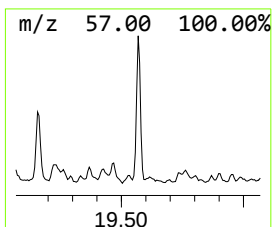
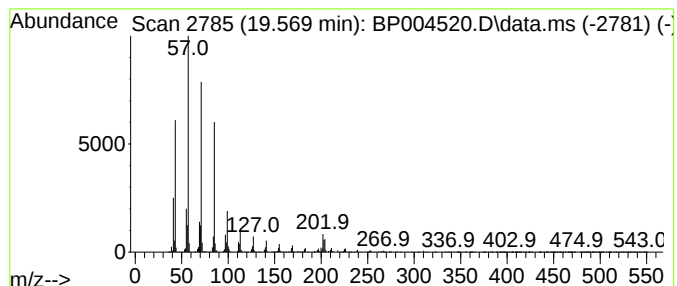
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JC-03-011121-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.569	5.53 ng	1094430	Chrysene-d12		21.316	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	93
2	Eicosane		282	C20H42	000112-95-8	90
3	Heneicosane		296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	90
5	Octadecane		254	C18H38	000593-45-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JC-03-011121-B

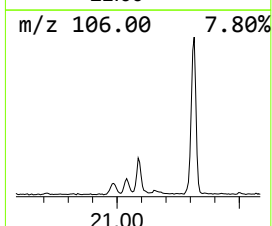
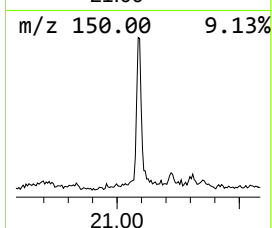
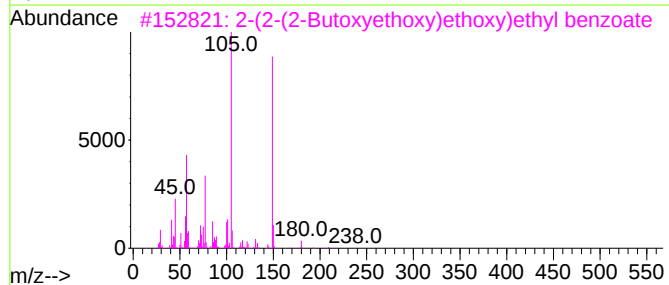
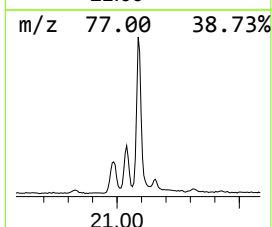
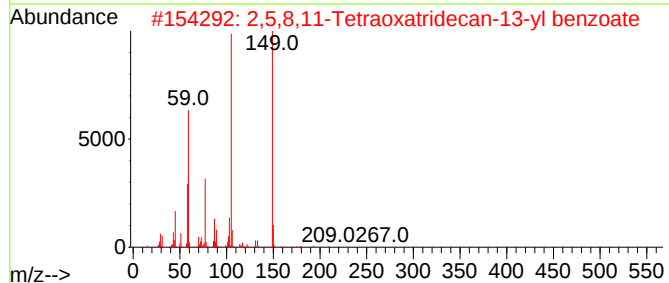
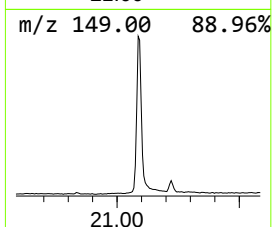
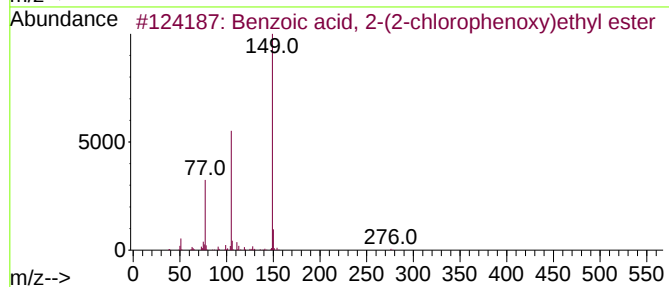
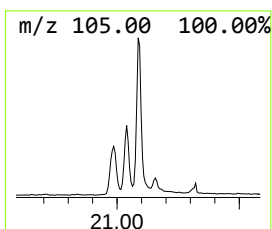
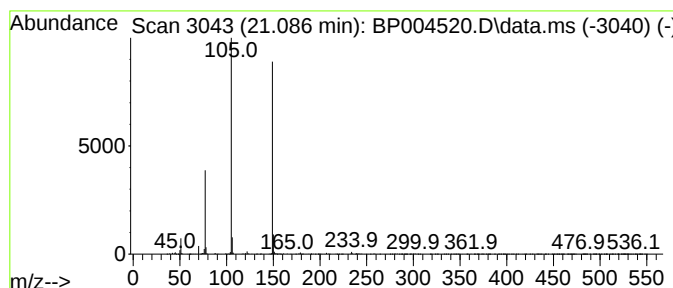
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzoic acid, 2-(2-chlorophenyl)ethyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	3.30 ng	652427	Chrysene-d12	21.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzoic acid, 2-(2-chlorophenoxy)ethyl ester	276	C15H13ClO3	1000368-25-9	78
2			2,5,8,11-Tetraoxatridecan-13-yl benzoate	312	C16H24O6	1000366-96-7	64
3			2-(2-(2-Butoxyethoxy)ethoxy)ethyl benzoate	310	C17H26O5	1000366-97-2	64
4			Benzoic acid, 2-(4-nitrophenoxy)ethyl ester	287	C15H13NO5	1000368-92-7	64
5			3-Benzoylamino-2-benzyl-butylric acid	311	C19H21NO3	1000193-12-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011221\
Data File : BP004520.D
Acq On : 12 Jan 2021 23:53
Operator : CG/JU
Sample : M1077-03 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
JC-03-011121-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.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
Undecane	9.040	5.6	ng	356889	1	7.810	1279210	20.0
Tridecane	12.040	8.8	ng	1057320	2	10.604	2405670	20.0
Hexadecane, 2,6...	12.998	3.1	ng	425239	3	14.463	2720830	20.0
Tetradecane	13.287	9.5	ng	1293950	3	14.463	2720830	20.0
Pentadecane	14.363	12.1	ng	1651920	3	14.463	2720830	20.0
2-Bromotetradecane	14.986	3.4	ng	463379	3	14.463	2720830	20.0
Hexadecane	15.322	11.3	ng	1533390	3	14.463	2720830	20.0
Pentadecane, 2,...	15.727	5.1	ng	696832	3	14.463	2720830	20.0
Heptadecane	16.186	15.9	ng	2336700	4	17.222	2932790	20.0
Dodecane, 2-met...	16.986	9.2	ng	1342050	4	17.222	2932790	20.0
Heptadecane, 2,...	17.039	5.6	ng	827541	4	17.222	2932790	20.0
Nonadecane	17.727	8.1	ng	1191580	4	17.222	2932790	20.0
Hexadecanoic ac...	17.898	26.4	ng	3877720	4	17.222	2932790	20.0
Heneicosane	18.398	6.7	ng	987117	4	17.222	2932790	20.0
Methyl 9-cis,11...	18.998	50.5	ng	7400390	4	17.222	2932790	20.0
9-Octadecenoic ...	19.033	55.1	ng	8081350	4	17.222	2932790	20.0
Methyl stearate	19.157	11.7	ng	1722120	4	17.222	2932790	20.0
Benzene, 1,1'-(...	19.233	4.0	ng	579069	4	17.222	2932790	20.0
Eicosane	19.569	5.5	ng	1094430	5	21.316	3956570	20.0
Benzoic acid, 2...	21.086	3.3	ng	652427	5	21.316	3956570	20.0