LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130351.D
Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-1

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.822	460	465	471	rBV2	95786	116355	1.86%	0.124%
2	5.216	527	532	536	rBV3	104818	183152	2.92%	0.195%
3	5.257	536	539	546	rVB	560674	535673	8.54%	0.570%
4	5.557	586	590	596	rVB	163758	173356	2.76%	0.185%
5	5.669	602	609	612	rVB3	78919	119084	1.90%	0.127%
6	5.804	626	632	637	rVB2	133252	157304	2.51%	0.167%
7	5.904	645	649	655	rVB	268015	325074	5.18%	0.346%
8	6.093	675	681	684	rBV2	134286	179242	2.86%	0.191%
9	6.187	694	697	700	rBV2	188239	225081	3.59%	0.240%
10	6.257	704	709	714	rBV4	86587	136658	2.18%	0.145%
11	6.304	714	717	723	rBV	514016	549593	8.76%	0.585%
12	6.398	729	733	737	rBV4	109884	195719	3.12%	0.208%
13	6.498	745	750	755	rVB3	345604	428478	6.83%	0.456%
14	6.663	774	778	780	rBV	515530	535987	8.55%	0.571%
15	6.722	785	788	790	rBV	100747	114367	1.82%	0.122%
16	6.810	800	803	807	rBV2	167430	177393	2.83%	0.189%
17	6.940	821	825	828	rVB4	117964	141755	2.26%	0.151%
18	7.004	834	836	841	rVB	150881	121508	1.94%	0.129%
19	7.051	841	844	848	rBV3	154481	173072	2.76%	0.184%
20	7.198	862	869	871	rBV3	184558	257827	4.11%	0.274%
21	7.222	871	873	875	rVV	434606	331378	5.28%	0.353%
22	7.263	877	880	883	rVB	421467	328647	5.24%	0.350%
23	7.310	883	888	891	rBV6	99253	141804	2.26%	0.151%
24	7.463	912	914	917	rVB2	144695	133966	2.14%	0.143%
25	7.545	925	928	930	rBV3	89824	124412	1.98%	0.132%
26	7.687	949	952	956	rVB3	217743	205400	3.27%	0.219%
27	7.763	963	965	970	rVB4	99762	122236	1.95%	0.130%
28	7.887	982	986	987	rBV2	121619	121633	1.94%	0.129%
29	7.939	991	995	998	rVV2	766592	1032383	16.46%	1.099%
30	7.963	998	999	1002	rVB	236765	159969	2.55%	0.170%
31	8.239	1041	1046	1049	rBV4	156857	195393	3.12%	0.208%
32	8.298	1052	1056	1058	rBV2	159855	188049	3.00%	0.200%
33	8.328	1058	1061	1063	rVB	159823	134061	2.14%	0.143%
34	8.369	1063	1068	1073	rBV	205464	270657	4.32%	0.288%
35	8.539	1094	1097	1100	rBV	583598	475525	7.58%	0.506%
36	8.657	1114	1117	1120	rVB	442982	351375	5.60%	0.374%

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Misc :
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Instrument :
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ClientSampleId :
WC-17-4-1

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.751	1130	1133	1137	rVB	242702	215475	3.44%	0.229%
38	8.851	1147	1150	1155	rVB5	118431	152920	2.44%	0.163%
39	8.969	1167	1170	1173	rVB	216543	159882	2.55%	0.170%
40	9.016	1175	1178	1182	rVB	714934	572849	9.13%	0.610%
41	9.104	1189	1193	1198	rBV	819993	707151	11.28%	0.753%
42	9.210	1209	1211	1218	rVB	149208	172017	2.74%	0.183%
43	9.286	1219	1224	1227	rVV3	232662	333351	5.32%	0.355%
44	9.351	1232	1235	1238	rVV2	286755	324882	5.18%	0.346%
45	9.381	1238	1240	1242	rVV	264786	203988	3.25%	0.217%
46	9.422	1245	1247	1249	rVV	378683	341118	5.44%	0.363%
47	9.469	1253	1255	1260	rVB2	179561	245665	3.92%	0.261%
48	9.557	1267	1270	1275	rBV4	201389	228460	3.64%	0.243%
49	9.604	1275	1278	1280	rVB	235011	178518	2.85%	0.190%
50	9.633	1280	1283	1287	rBV	1113095	862252	13.75%	0.918%
51	9.675	1287	1290	1291	rBV2	263133	267150	4.26%	0.284%
52	9.692	1291	1293	1296	rVB2	751494	660506	10.53%	0.703%
53	9.798	1308	1311	1315	rVB2	204827	249492	3.98%	0.266%
54	9.892	1325	1327	1330	rVB2	219088	195180	3.11%	0.208%
55	9.957	1333	1338	1342	rVB6	327876	386873	6.17%	0.412%
56	10.098	1360	1362	1364	rBV2	234148	178107	2.84%	0.190%
57	10.133	1365	1368	1371	rVV	1532064	1182256	18.85%	1.258%
58	10.239	1383	1386	1387	rBV2	273401	258992	4.13%	0.276%
59	10.357	1399	1406	1408	rBV	848856	1169519	18.65%	1.245%
60	10.404	1411	1414	1417	rVB5	231215	265960	4.24%	0.283%
61	10.439	1417	1420	1422	rBV2	363845	343955	5.48%	0.366%
62	10.480	1422	1427	1431	rBV5	533151	853075	13.60%	0.908%
63	10.610	1446	1449	1457	rBV2	2328082	3693703	58.89%	3.932%
64	10.816	1482	1484	1486	rVB3	296490	204447	3.26%	0.218%
65	11.063	1522	1526	1528	rBV	2317078	2021261	32.23%	2.152%
66	11.092	1528	1531	1537	rVB	1498390	1548331	24.69%	1.648%
67	11.180	1544	1546	1548	rBV	603936	512078	8.16%	0.545%
68	11.210	1548	1551	1554	rVB	1934488	1740869	27.76%	1.853%
69	11.439	1588	1590	1593	rBV	464365	438000	6.98%	0.466%
70	11.492	1596	1599	1601	rBV	2754799	2301201	36.69%	2.450%
71	11.651	1624	1626	1628	rBV2	459929	433767	6.92%	0.462%
72	11.692	1629	1633	1635	rVV	1874407	1873720	29.88%	1.994%
73	11.722	1635	1638	1641	rVB	2989924	2578692	41.12%	2.745%
74	11.798	1648	1651	1653	rBV2	1084641	1170969	18.67%	1.246%
75	11.827	1653	1656	1660	rVB2	1253115	1543023	24.60%	1.642%
76	11.904	1665	1669	1672	rBV	3680080	3532525	56.32%	3.760%

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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.057	1693	1695	1700	rBV3	648641	1089283	17.37%	1.159%
78	12.139	1706	1709	1712	rBV2	1044136	1274526	20.32%	1.357%
79	12.174	1712	1715	1717	rBV	1286905	1495604	23.85%	1.592%
80	12.251	1724	1728	1730	rBV2	1987277	2219298	35.39%	2.362%
81	12.298	1731	1736	1739	rVV2	4818350	6271788	100.00%	6.676%
82	12.333	1739	1742	1745	rVB	1344910	1297077	20.68%	1.381%
83	12.410	1752	1755	1757	rBV2	1282207	1114275	17.77%	1.186%
84	12.639	1790	1794	1796	rBV	2865049	3118116	49.72%	3.319%
85	12.680	1796	1801	1803	rVV2	4461930	5806157	92.58%	6.180%
86	13.039	1857	1862	1864	rVB2	4873698	5695425	90.81%	6.062%
87	13.086	1867	1870	1873	rVB2	2189105	2468117	39.35%	2.627%
88	13.380	1916	1920	1923	rBV	4710324	5710685	91.05%	6.079%
89	13.716	1973	1977	1982	rVB2	4020884	5069613	80.83%	5.396%
90	14.304	2074	2077	2079	rVB	3092407	2842074	45.32%	3.025%
91	14.333	2079	2082	2086	rVB2	2514301	2871396	45.78%	3.056%
92	14.627	2130	2132	2136	rVB2	1915863	2136353	34.06%	2.274%

Sum of corrected areas: 93945532

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
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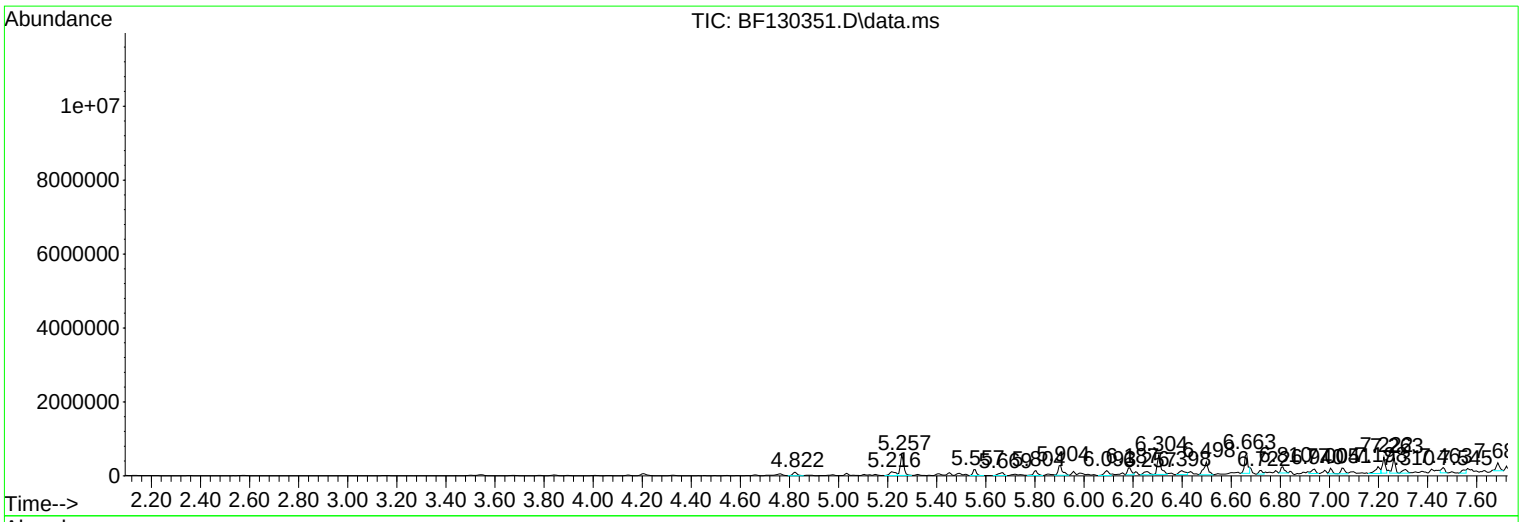
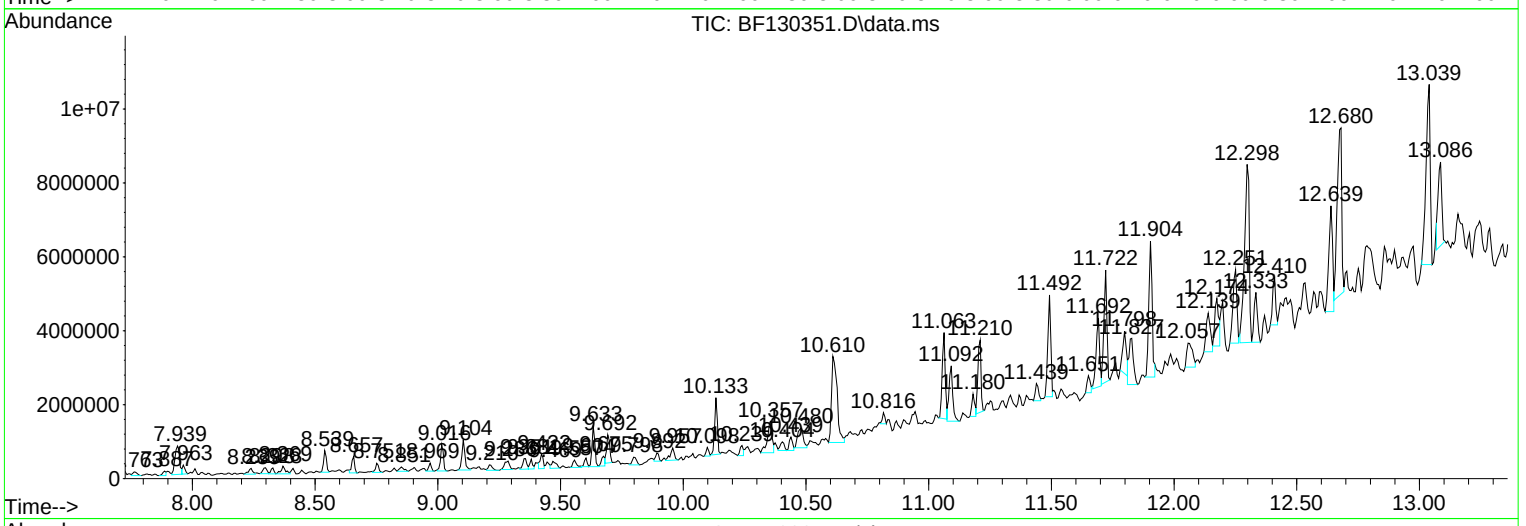
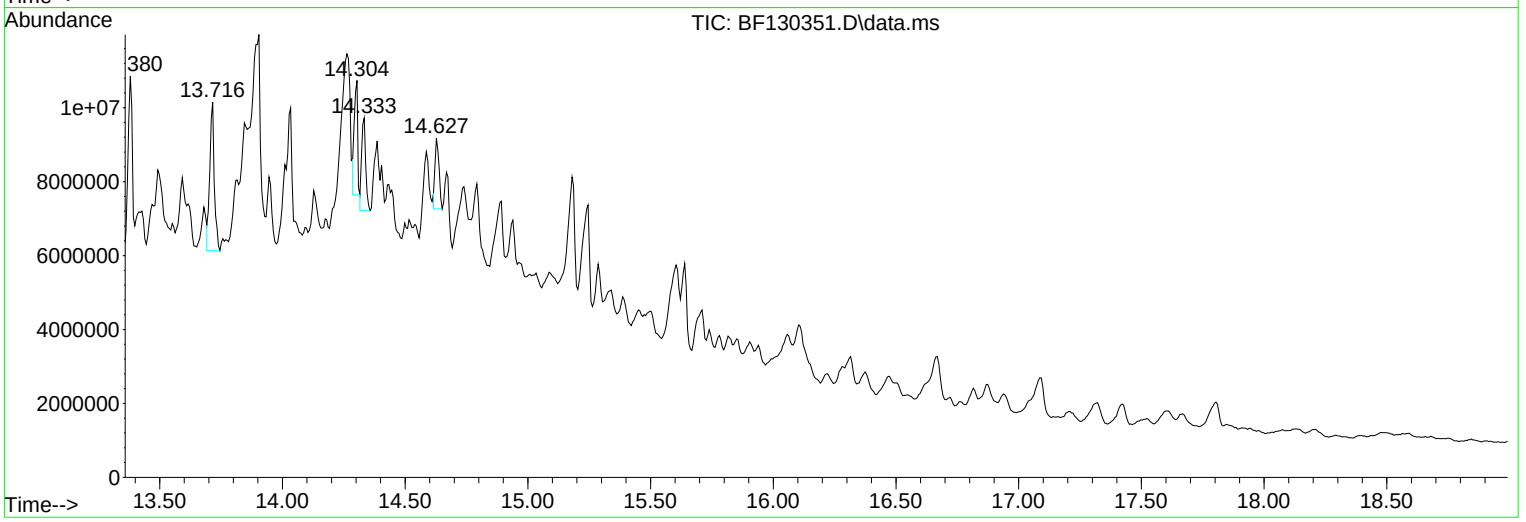
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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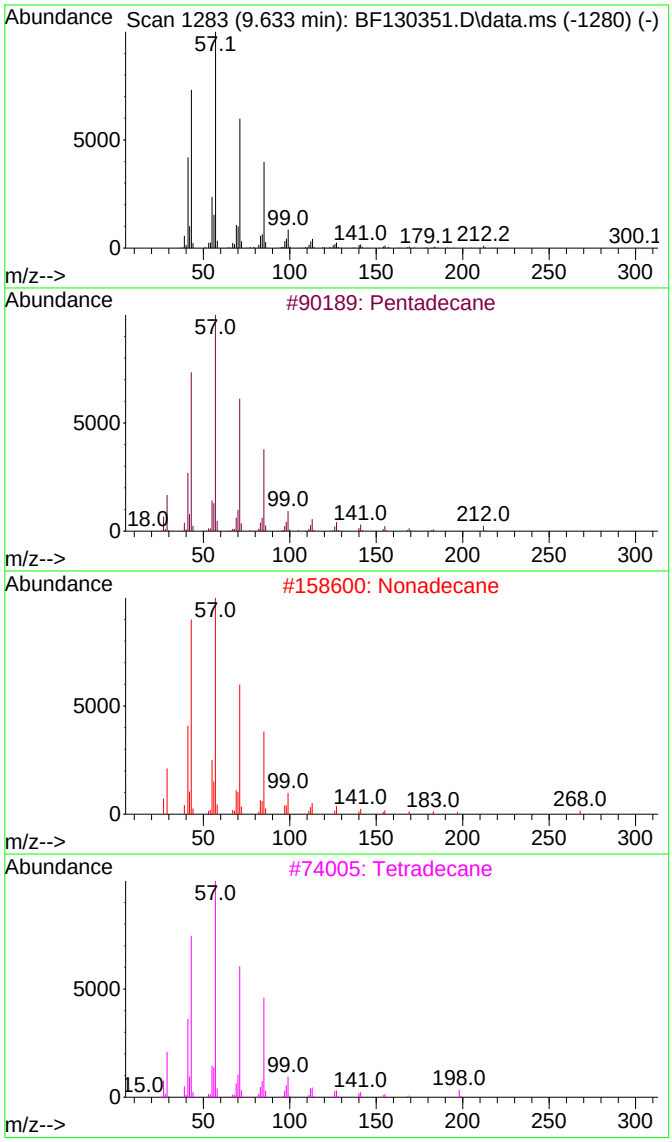
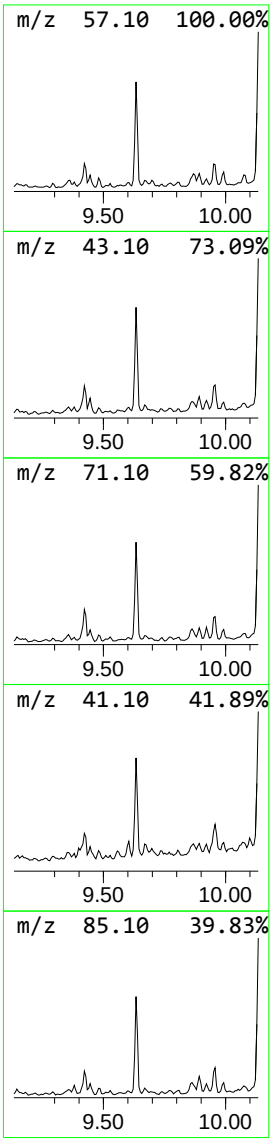
Peak Number 1 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	26.11 ng	862252	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Hexadecane	226	C16H34	000544-76-3	86
5	9-methylheptadecane	254	C18H38	026741-18-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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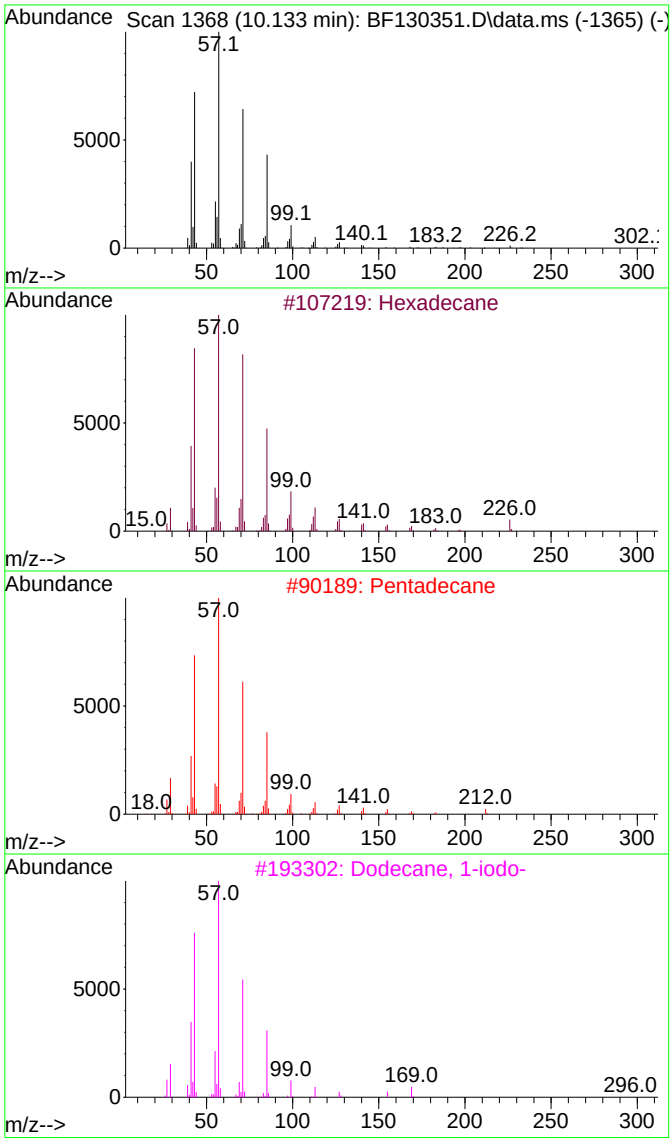
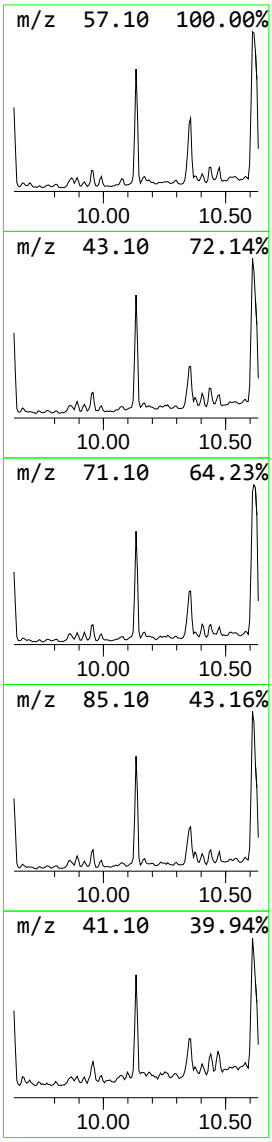
Peak Number 2 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	35.80 ng	1182260	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Pentadecane	212	C15H32	000629-62-9	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Nonadecane	268	C19H40	000629-92-5	80
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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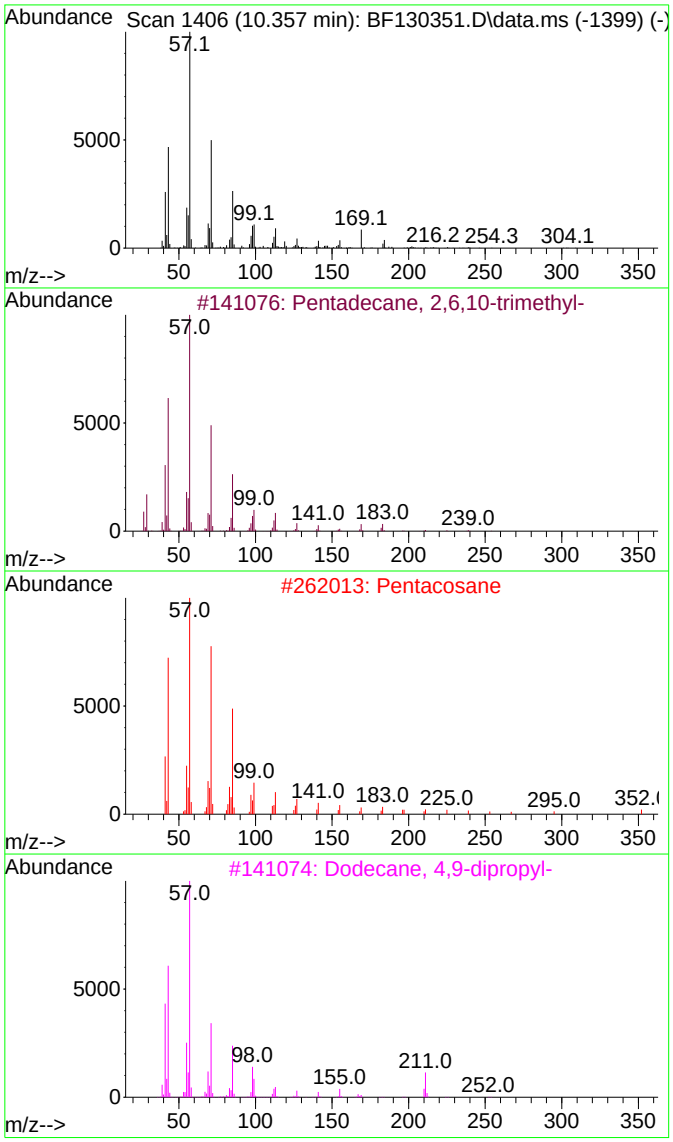
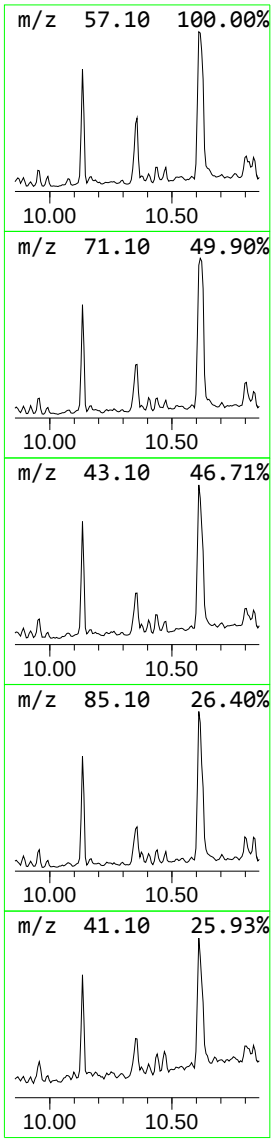
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	35.41 ng	1169520	Acenaphthene-d10	9.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Pentacosane	352	C25H52	000629-99-2	72
3	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	70
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
5	Tridecane	184	C13H28	000629-50-5	68





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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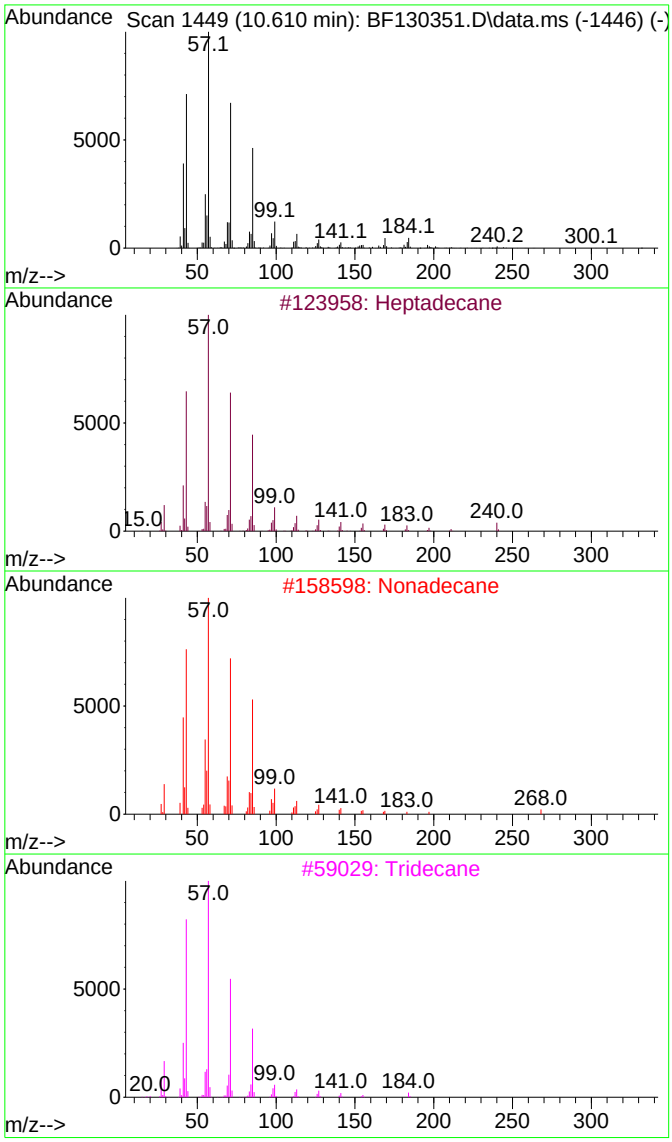
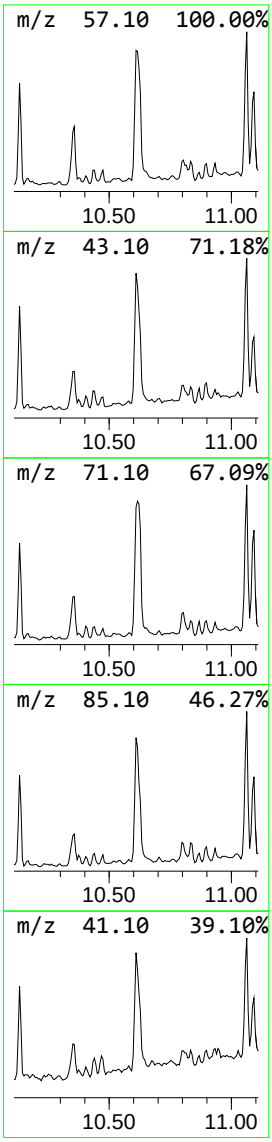
Peak Number 4 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	144.26 ng	3693700	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87





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Data File : BF130351.D
Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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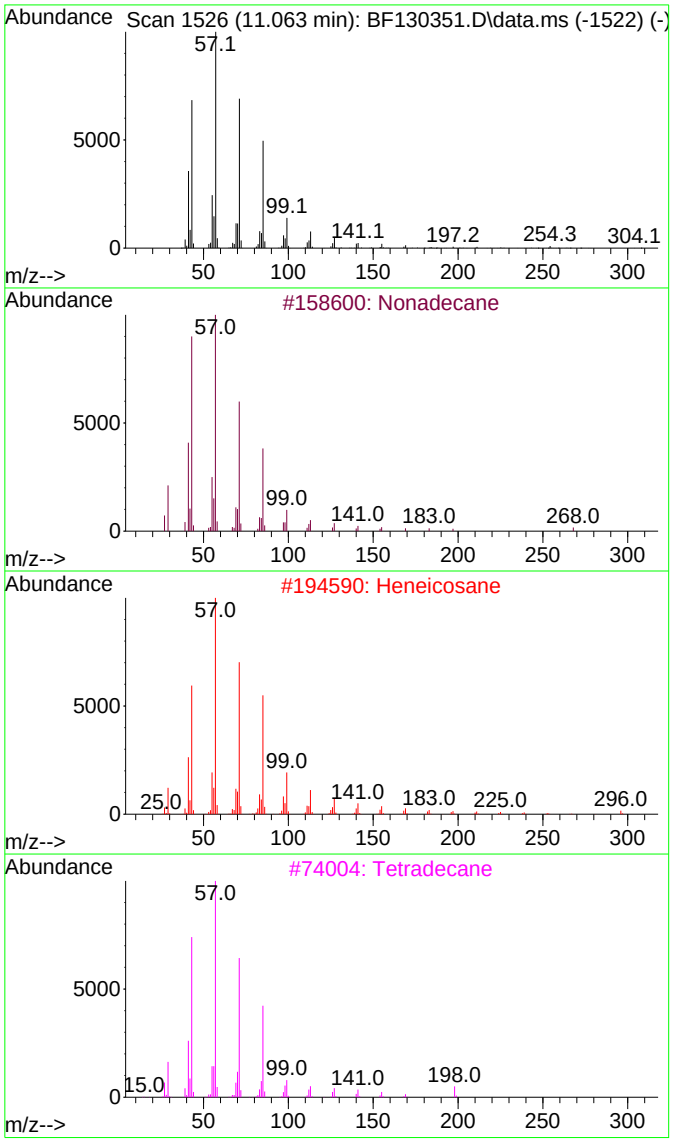
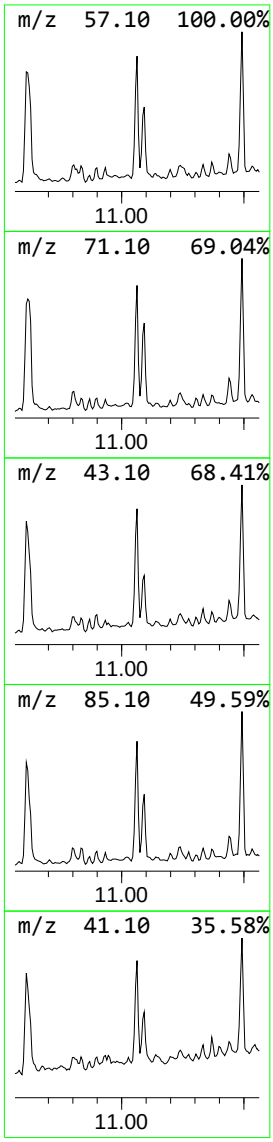
Peak Number 5 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.063	78.94 ng	2021260	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90





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Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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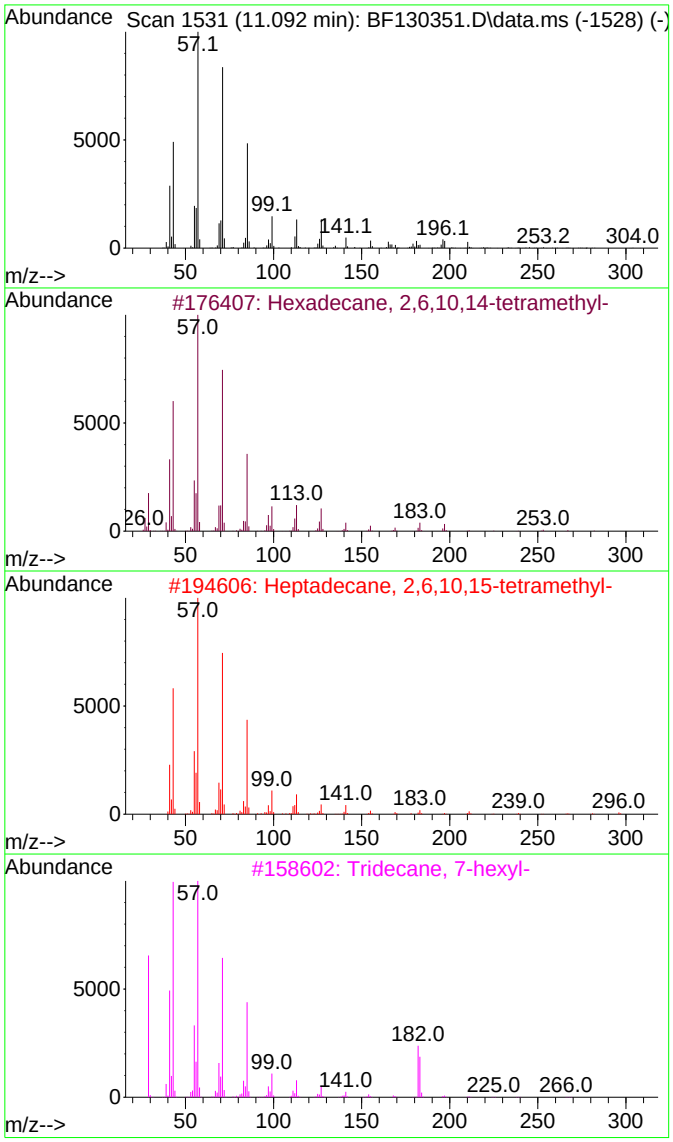
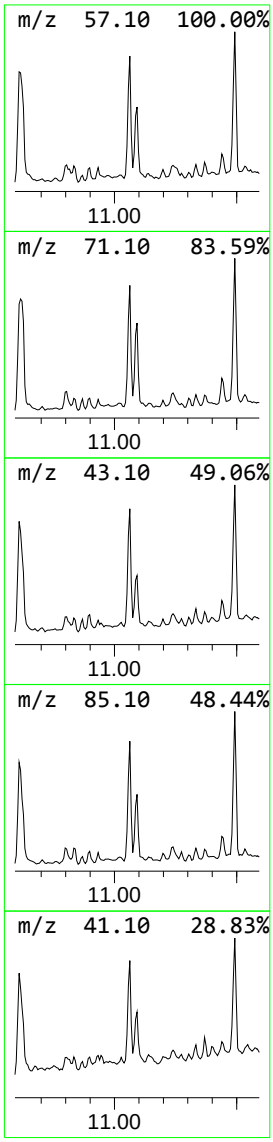
Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.092	60.47 ng	1548330	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	78





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Sample : N4630-01 2X
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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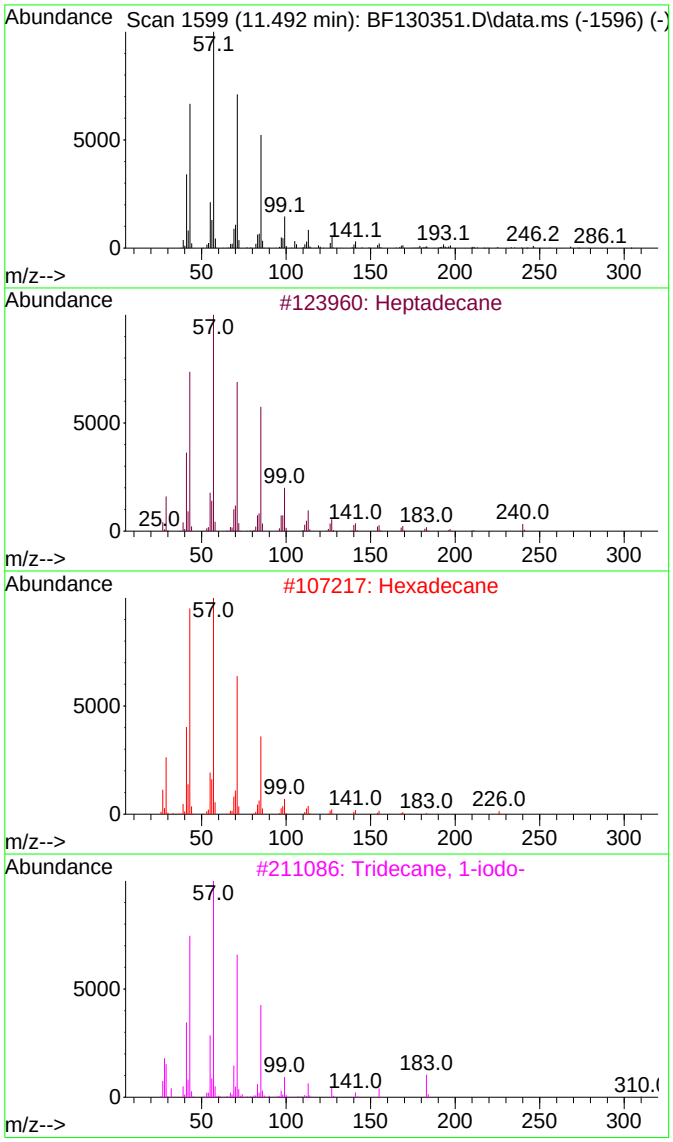
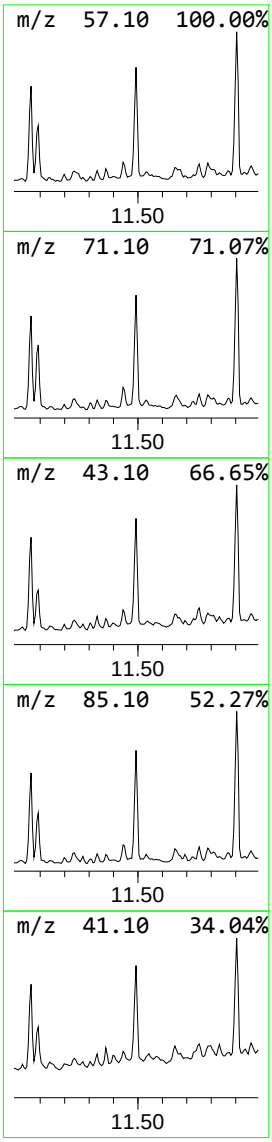
Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.492	89.88 ng	2301200	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
5	Tetradecane	198	C14H30	000629-59-4	87





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

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

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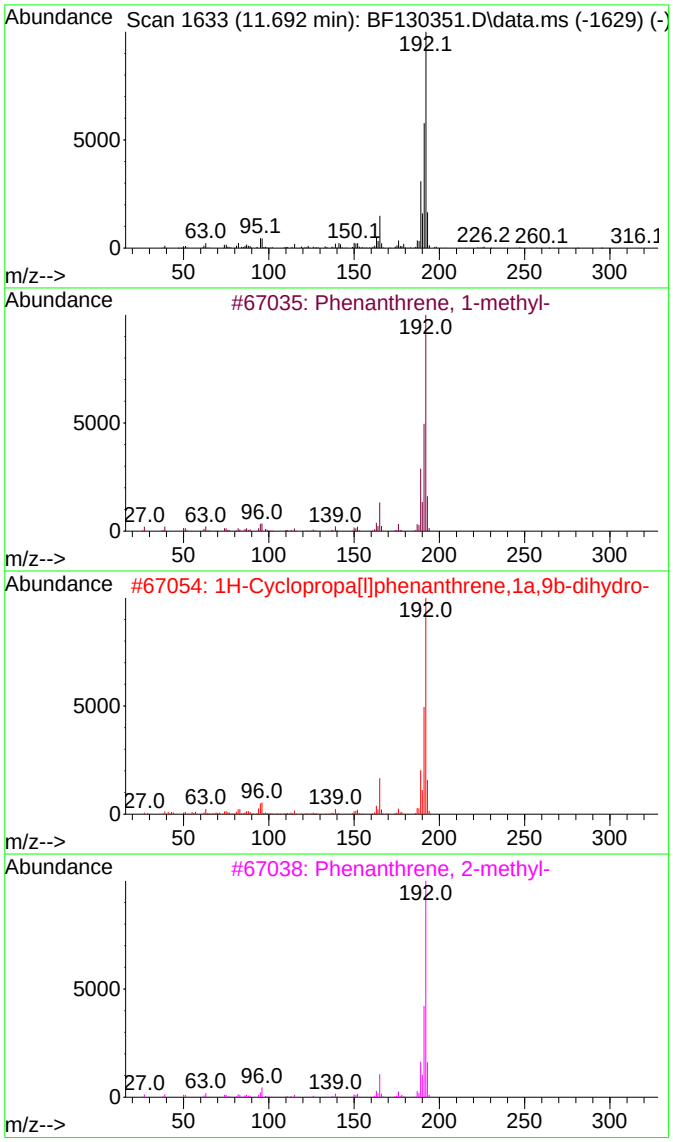
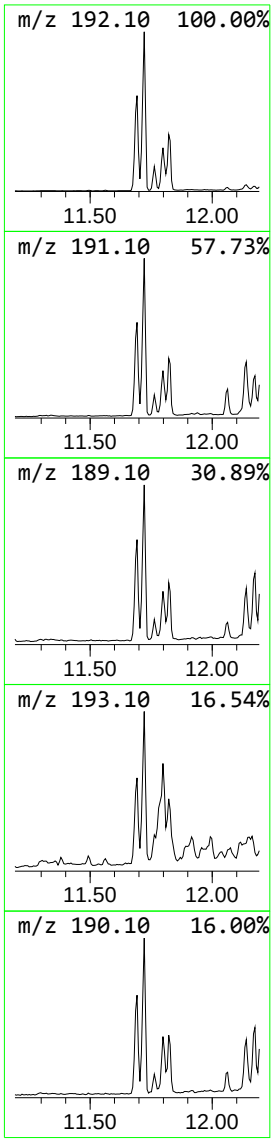
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.692	73.18 ng	1873720	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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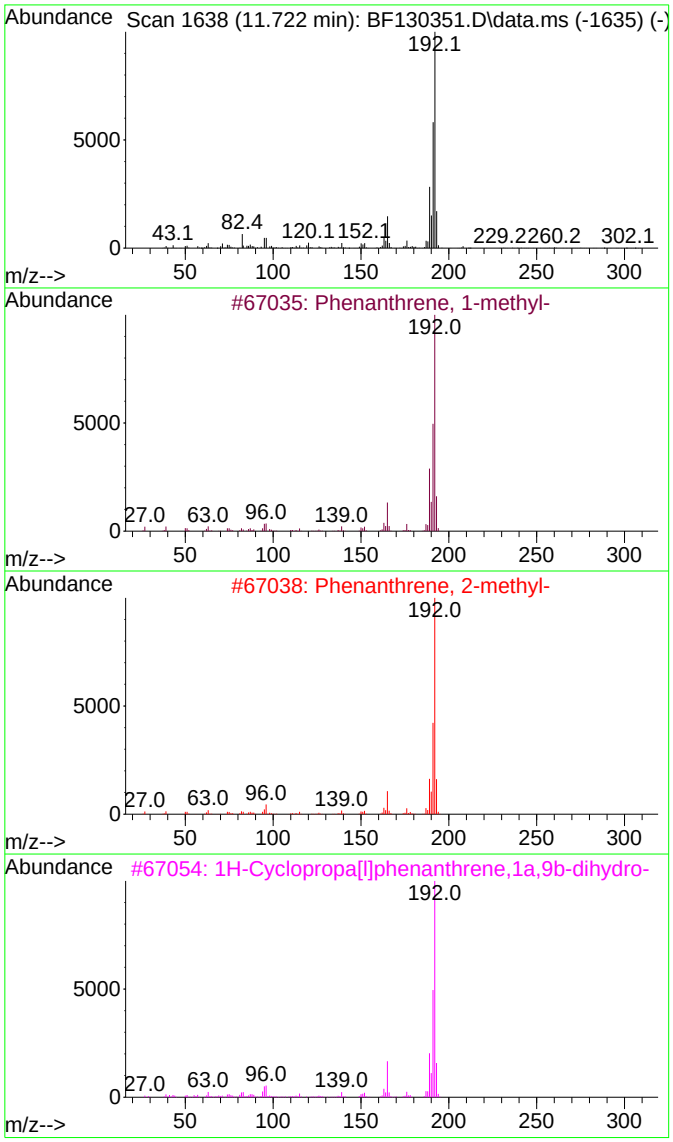
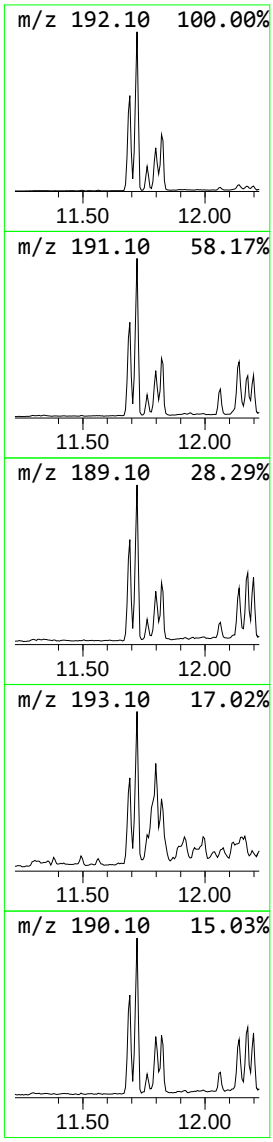
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	100.72 ng	2578690	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Sample : N4630-01 2X
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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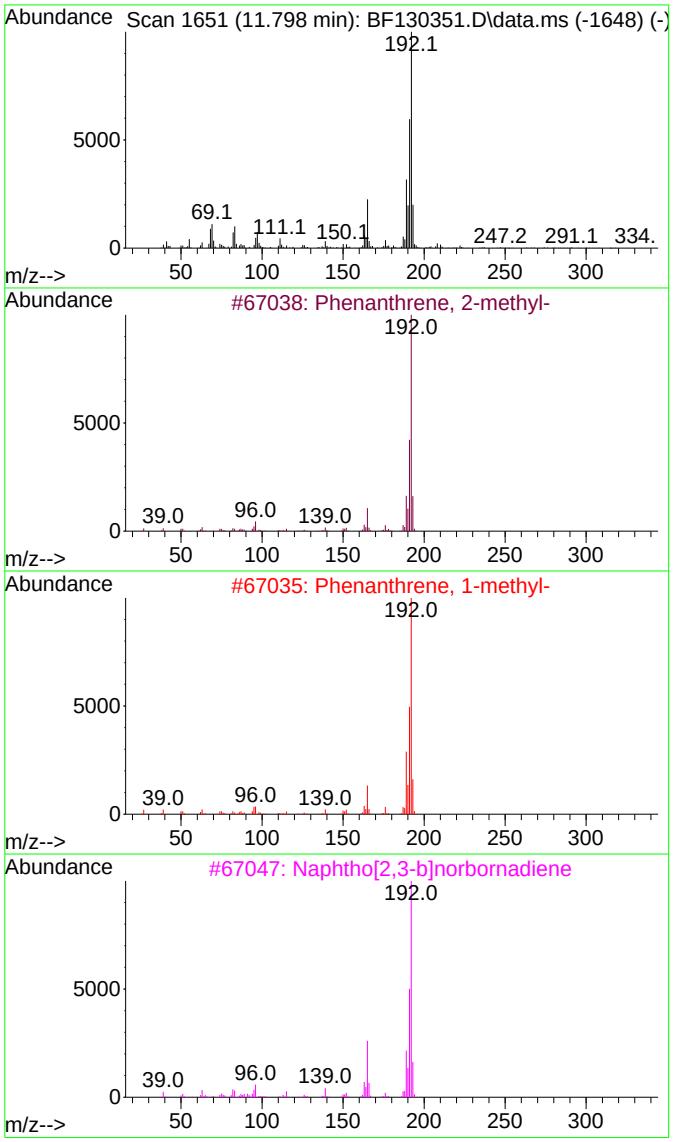
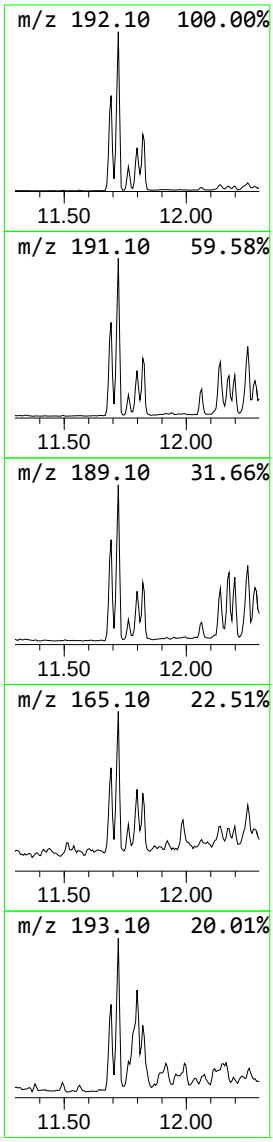
Peak Number 10 Naphtho[2,3-b]norbornadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.798	45.73 ng	1170970	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86





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Sample : N4630-01 2X
Misc :
ALS Vial : 17 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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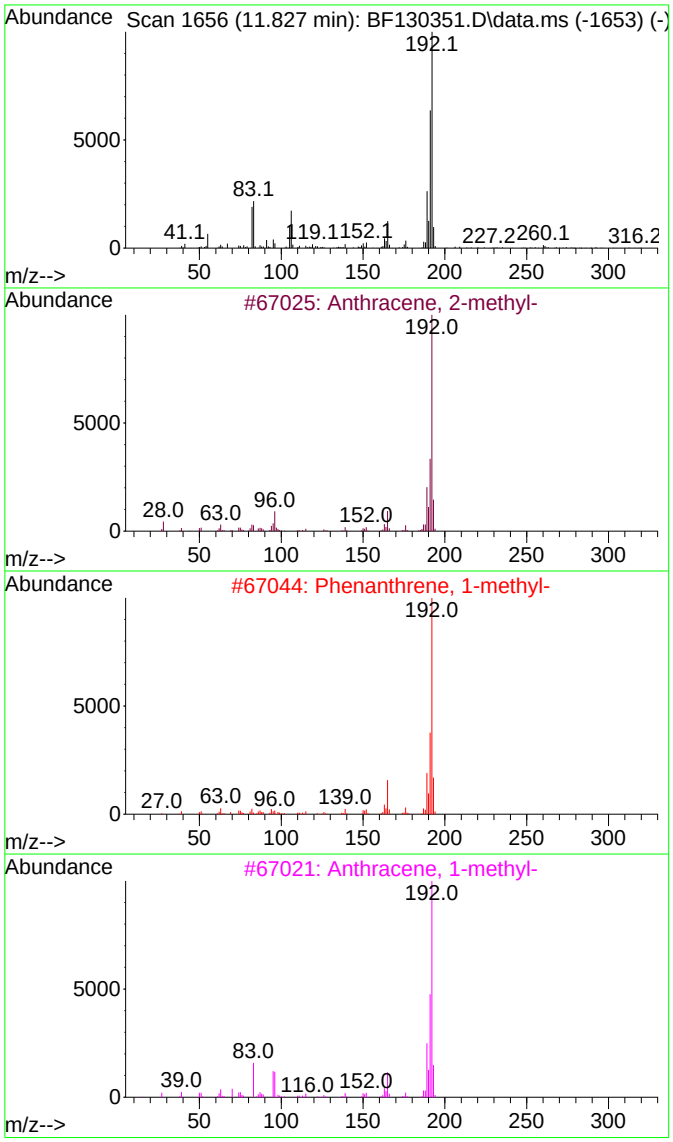
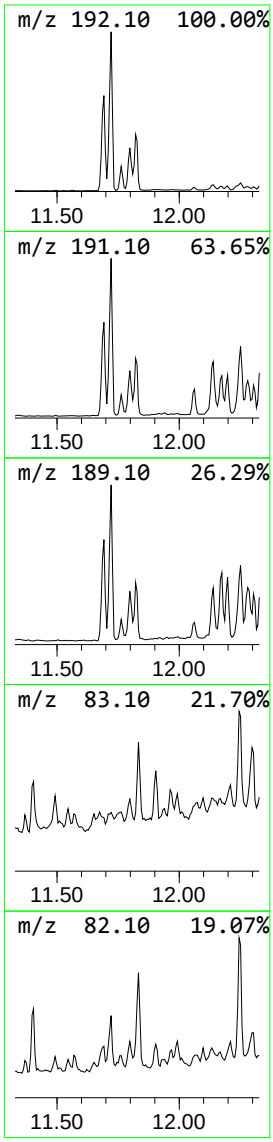
Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	60.27 ng	1543020	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60





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Sample : N4630-01 2X
Misc :
ALS Vial : 17 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\NIST20.L
TIC Integration Parameters: LSCINT.P

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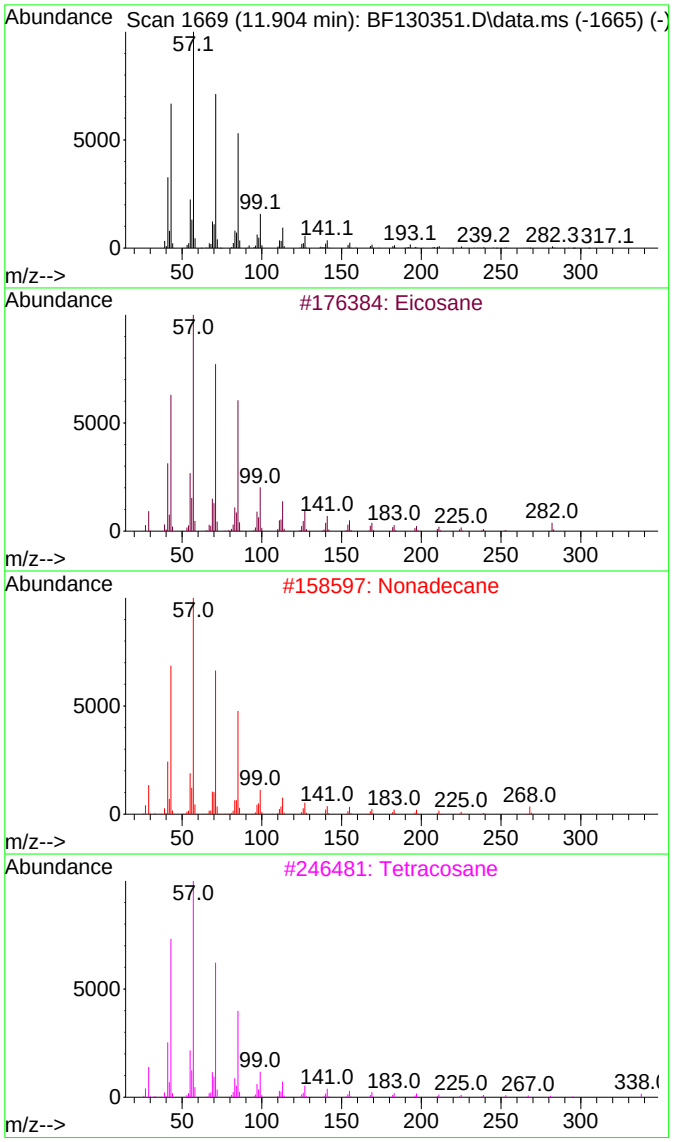
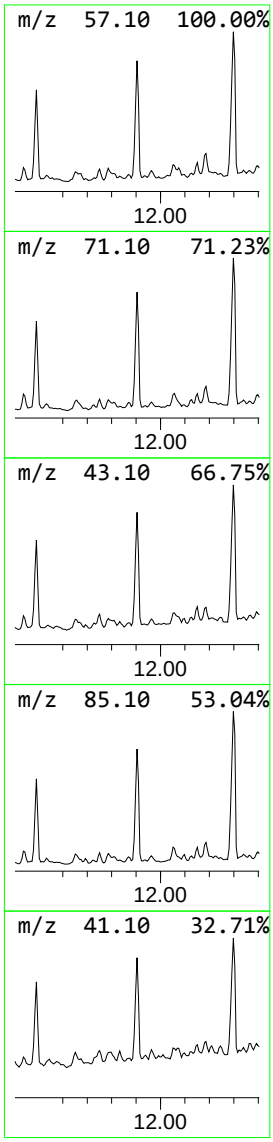
Peak Number 12 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	137.97 ng	3532530	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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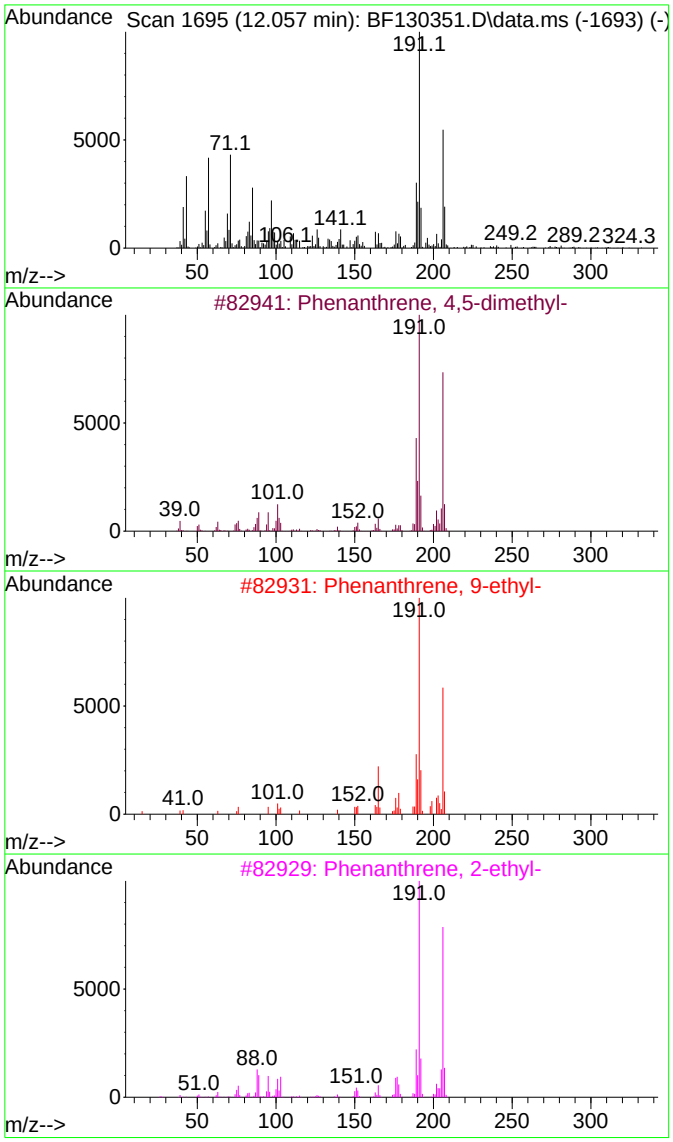
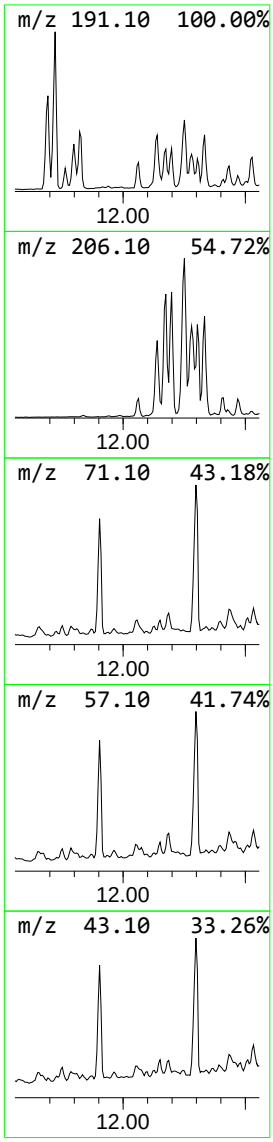
Peak Number 13 Phenanthrene, 4,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	42.54 ng	1089280	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	60
2	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	58
3	Phenanthrene, 2-ethyl-	206	C16H14	003674-74-6	58
4	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	52
5	Phenanthrene, 9,10-dimethyl-	206	C16H14	000604-83-1	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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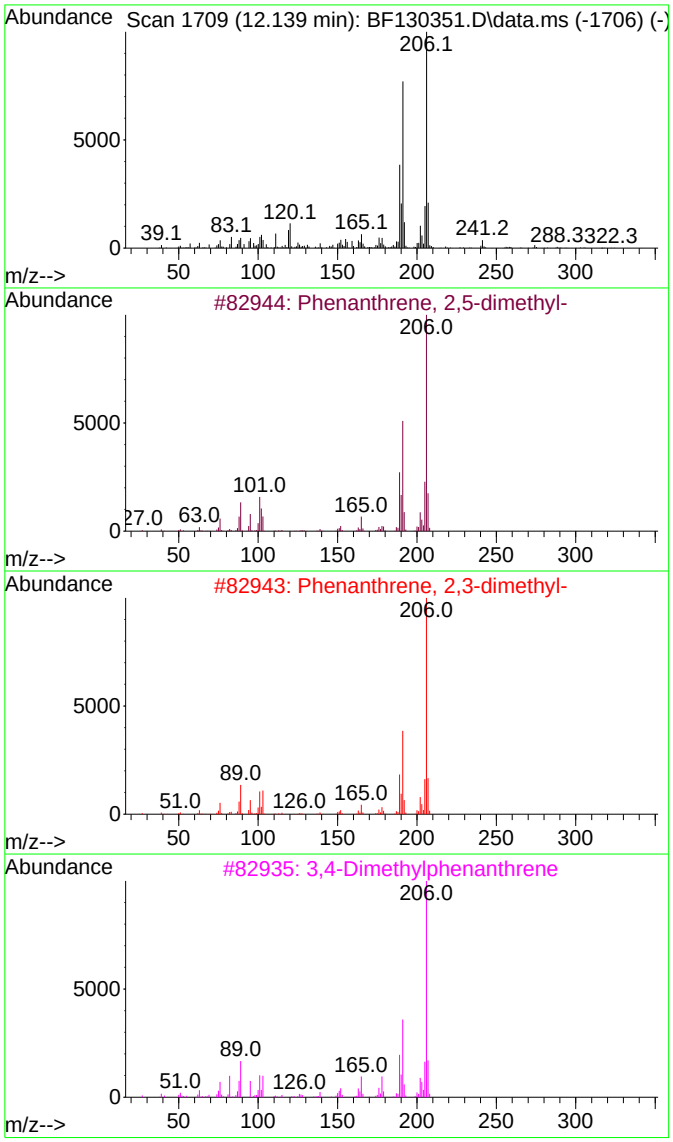
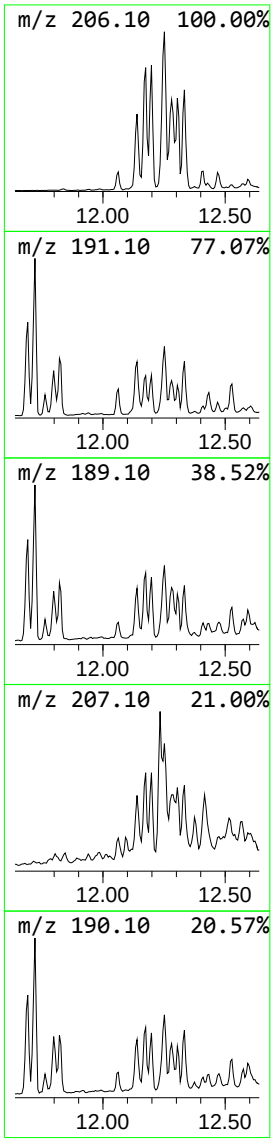
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.139	49.78 ng	1274530	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	83
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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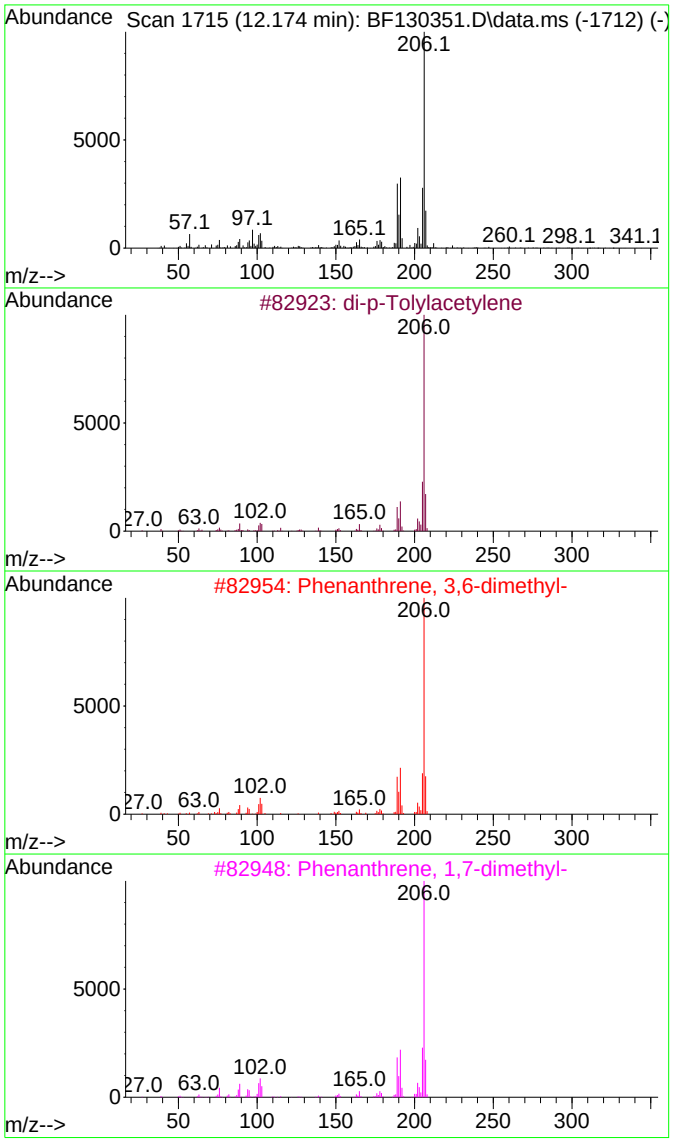
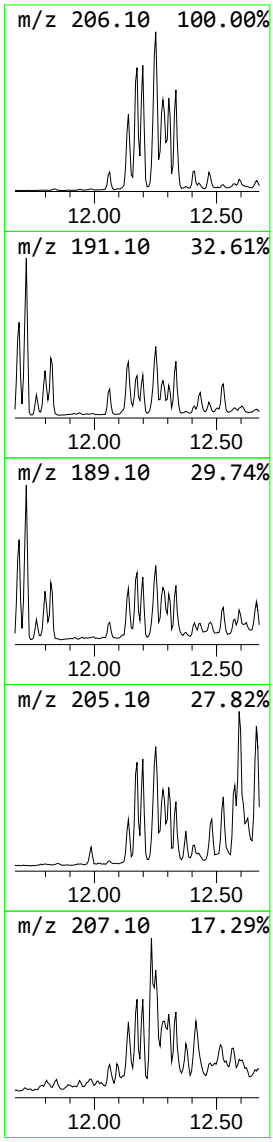
Peak Number 15 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	58.41 ng	1495600	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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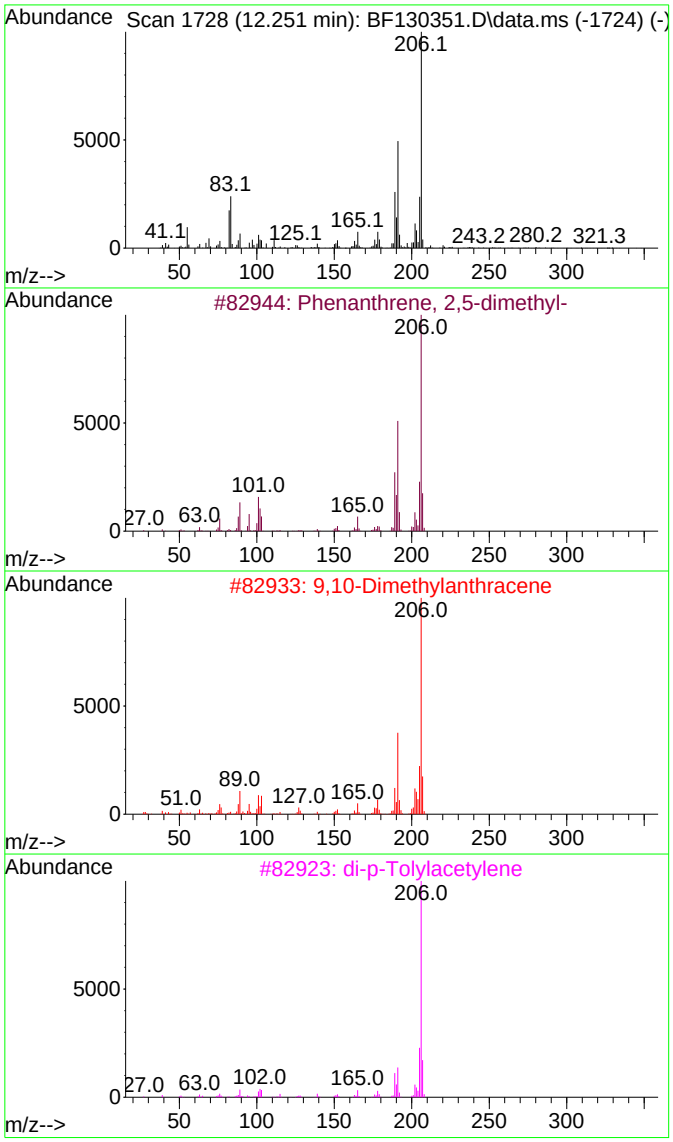
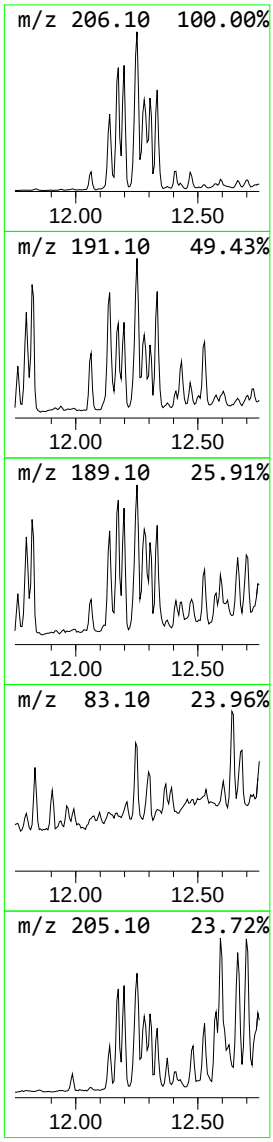
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	86.68 ng	2219300	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	76
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	72





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Data File : BF130351.D
Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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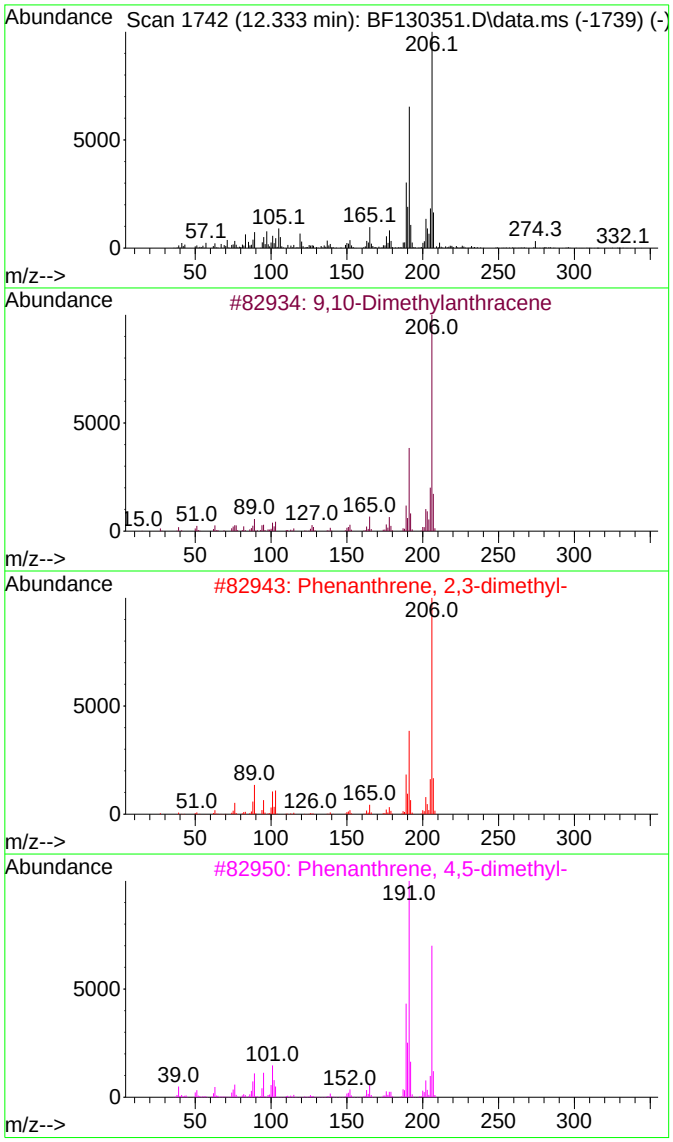
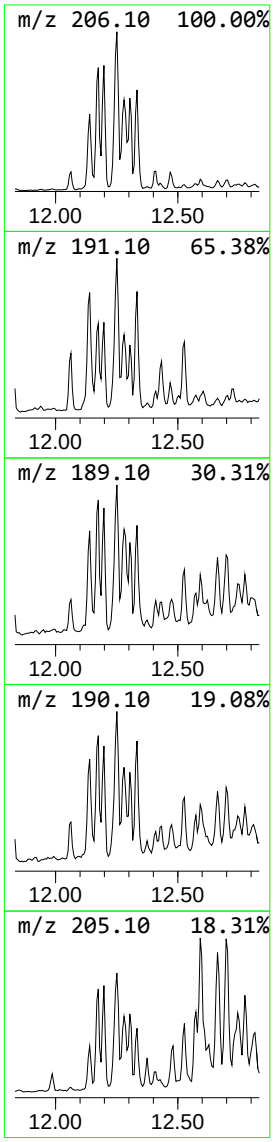
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.333	50.66 ng	1297080	Phenanthrene-d10	11.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	91
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130351.D
Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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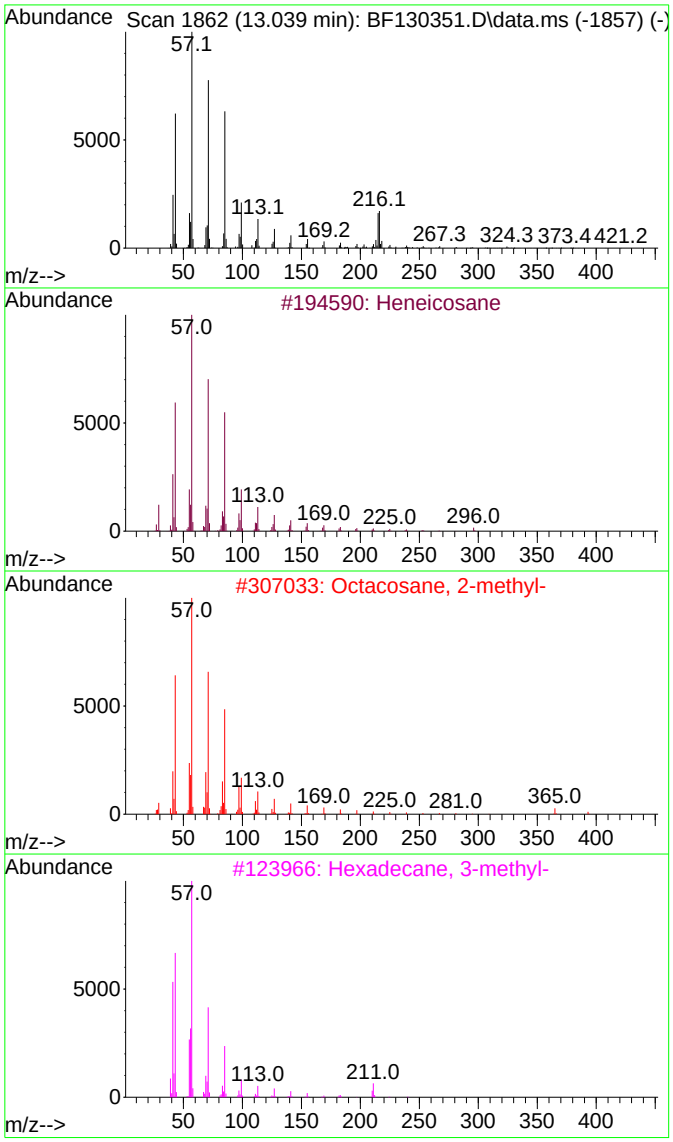
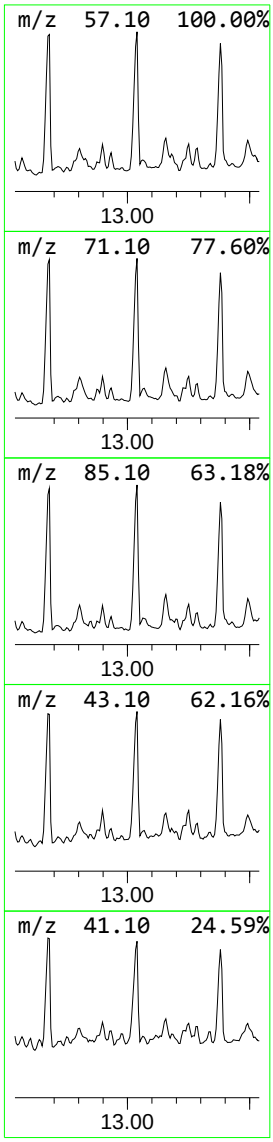
Peak Number 19 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	22.47 ng	5695430	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	80
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	76
4	Hexadecane	226	C16H34	000544-76-3	74
5	Heptadecane	240	C17H36	000629-78-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130351.D
Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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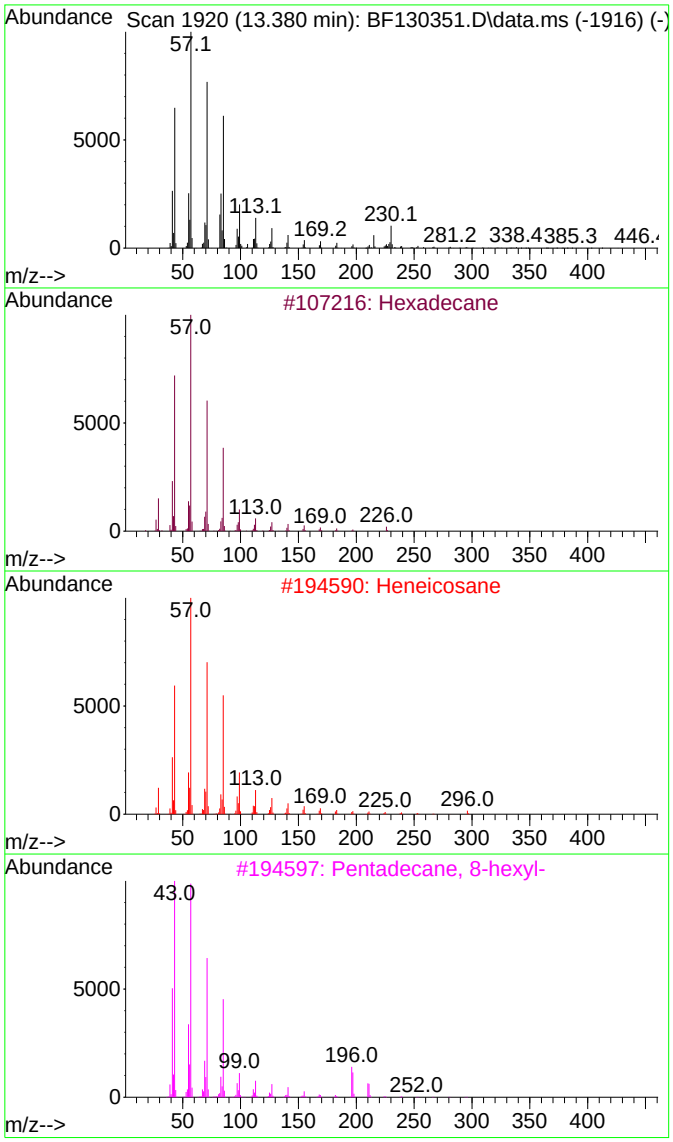
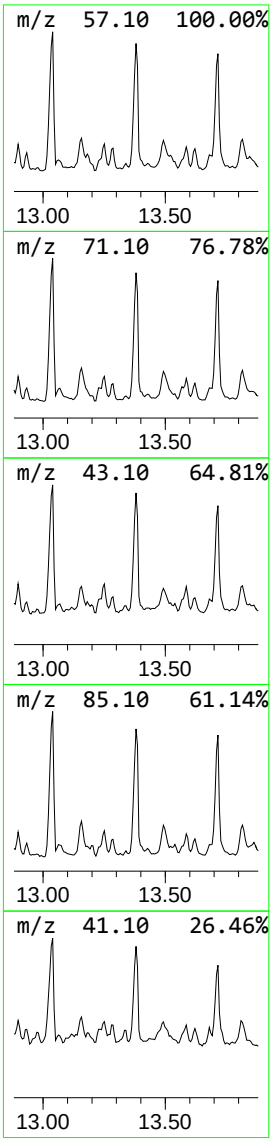
Peak Number 20 Pentadecane, 8-hexyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.380	22.53 ng	5710690	Chrysene-d12	13.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	81
4	Tetracosane	338	C24H50	000646-31-1	74
5	Heptadecane	240	C17H36	000629-78-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092022\
Data File : BF130351.D
Acq On : 20 Sep 2022 18:56
Operator : CG\JU
Sample : N4630-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-17-4-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentadecane	9.633	26.1	ng	862252	3	9.692	660506	20.0
Hexadecane	10.133	35.8	ng	1182260	3	9.692	660506	20.0
Pentadecane, 2,...	10.357	35.4	ng	1169520	3	9.692	660506	20.0
Tridecane	10.610	144.3	ng	3693700	4	11.180	512078	20.0
Nonadecane	11.063	78.9	ng	2021260	4	11.180	512078	20.0
Hexadecane, 2,6...	11.092	60.5	ng	1548330	4	11.180	512078	20.0
Heptadecane	11.492	89.9	ng	2301200	4	11.180	512078	20.0
Phenanthrene, 1...	11.692	73.2	ng	1873720	4	11.180	512078	20.0
Phenanthrene, 2...	11.722	100.7	ng	2578690	4	11.180	512078	20.0
Naphtho[2,3-b]n...	11.798	45.7	ng	1170970	4	11.180	512078	20.0
Anthracene, 2-m...	11.827	60.3	ng	1543020	4	11.180	512078	20.0
Eicosane	11.904	138.0	ng	3532530	4	11.180	512078	20.0
Phenanthrene, 4...	12.057	42.5	ng	1089280	4	11.180	512078	20.0
Phenanthrene, 2...	12.139	49.8	ng	1274530	4	11.180	512078	20.0
di-p-Tolylacety...	12.175	58.4	ng	1495600	4	11.180	512078	20.0
Phenanthrene, 3...	12.251	86.7	ng	2219300	4	11.180	512078	20.0
9,10-Dimethylan...	12.333	50.7	ng	1297080	4	11.180	512078	20.0
Heneicosane	13.039	22.5	ng	5695430	5	13.868	5069610	20.0
Pentadecane, 8-...	13.380	22.5	ng	5710690	5	13.868	5069610	20.0