LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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: BF130470.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.816	455	464	472	rBV	427643	522779	5.88%	0.451%
2	5.240	532	536	543	rBV	1398797	1414240	15.90%	1.220%
3	5.645	598	605	608	rBV2	176286	235495	2.65%	0.203%
4	6.163	689	693	702	rVB	285489	397402	4.47%	0.343%
5	6.281	709	713	715	rBV	857195	851646	9.58%	0.734%
6	6.387	725	731	733	rBV3	132650	174997	1.97%	0.151%
7	6.492	742	749	751	rVB3	145774	187152	2.10%	0.161%
8	6.581	758	764	765	rBV4	91171	145114	1.63%	0.125%
9	6.640	770	774	776	rVV	753589	811087	9.12%	0.699%
10	6.657	776	777	780	rVB	474624	249964	2.81%	0.216%
11	6.698	780	784	786	rBV3	198308	211483	2.38%	0.182%
12	6.787	796	799	801	rBV2	149345	176622	1.99%	0.152%
13	6.816	801	804	807	rVB	984482	987845	11.11%	0.852%
14	6.892	811	817	818	rBV	468356	526778	5.92%	0.454%
15	6.951	824	827	830	rBV3	156361	189317	2.13%	0.163%
16	6.987	830	833	837	rVV5	121475	215079	2.42%	0.185%
17	7.028	837	840	843	rVV	517771	582819	6.55%	0.503%
18	7.063	843	846	851	rVB4	231642	365497	4.11%	0.315%
19	7.175	858	865	867	rBV4	532052	1007470	11.33%	0.869%
20	7.210	867	871	874	rVB	2199713	2291712	25.77%	1.976%
21	7.287	879	884	887	rBV4	582037	844040	9.49%	0.728%
22	7.334	887	892	894	rBV3	370121	514890	5.79%	0.444%
23	7.357	894	896	900	rVB5	293019	270315	3.04%	0.233%
24	7.392	900	902	905	rBV3	212993	262394	2.95%	0.226%
25	7.445	909	911	914	rVB	874183	764451	8.60%	0.659%
26	7.487	914	918	922	rBV3	283731	483137	5.43%	0.417%
27	7.534	923	926	928	rVV2	242969	244133	2.75%	0.211%
28	7.563	928	931	935	rVB3	1073016	1331606	14.98%	1.148%
29	7.610	935	939	942	rBV3	576467	655392	7.37%	0.565%
30	7.663	943	948	950	rBV	782028	744194	8.37%	0.642%
31	7.751	958	963	967	rBV4	478607	725916	8.16%	0.626%
32	7.792	967	970	972	rBV2	382259	490916	5.52%	0.423%
33	7.834	975	977	979	rVB	378680	290422	3.27%	0.250%
34	7.869	980	983	984	rVV2	307859	299782	3.37%	0.259%
35	7.922	987	992	995	rVV3	1699581	2707683	30.45%	2.335%
36	7.945	995	996	999	rVV3	820233	909398	10.23%	0.784%

LSC Area Percent Report

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Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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	7.975	999	1001	1003	rVV	1466835	1348307	15.16%	1.163%
38	7.998	1003	1005	1007	rVV	2020440	1508801	16.97%	1.301%
39	8.022	1007	1009	1012	rVV3	434750	431927	4.86%	0.372%
40	8.051	1012	1014	1017	rVB3	455518	387027	4.35%	0.334%
41	8.098	1017	1022	1023	rBV3	539792	785210	8.83%	0.677%
42	8.128	1023	1027	1030	rVB3	929607	1219222	13.71%	1.051%
43	8.175	1032	1035	1036	rVV2	385998	334408	3.76%	0.288%
44	8.204	1038	1040	1042	rVV2	790587	906146	10.19%	0.781%
45	8.251	1046	1048	1051	rBV2	391771	377442	4.24%	0.325%
46	8.316	1056	1059	1061	rVB2	768270	811419	9.13%	0.700%
47	8.363	1061	1067	1070	rBV	3401880	3985917	44.83%	3.437%
48	8.434	1075	1079	1082	rBV5	506731	818401	9.20%	0.706%
49	8.475	1082	1086	1087	rBV4	853774	1009920	11.36%	0.871%
50	8.528	1091	1095	1097	rBV4	509467	780323	8.78%	0.673%
51	8.622	1108	1111	1115	rVB2	1712667	2221203	24.98%	1.916%
52	8.675	1117	1120	1124	rVV3	416189	696834	7.84%	0.601%
53	8.728	1127	1129	1131	rVV	575903	554684	6.24%	0.478%
54	8.757	1131	1134	1136	rVB	966248	849829	9.56%	0.733%
55	8.810	1141	1143	1146	rBV4	678954	698692	7.86%	0.603%
56	8.839	1146	1148	1152	rVB3	794591	831057	9.35%	0.717%
57	8.875	1152	1154	1156	rBV	582822	461087	5.19%	0.398%
58	8.898	1156	1158	1159	rBV2	317782	191539	2.15%	0.165%
59	8.963	1164	1169	1172	rBV2	4165127	4676207	52.59%	4.033%
60	9.010	1172	1177	1181	rVB	3299054	3484548	39.19%	3.005%
61	9.081	1186	1189	1192	rBV2	1850250	2261439	25.43%	1.950%
62	9.157	1195	1202	1204	rBV4	1262743	2040739	22.95%	1.760%
63	9.210	1209	1211	1213	rVV2	534816	358817	4.04%	0.309%
64	9.263	1216	1220	1221	rBV4	523844	676831	7.61%	0.584%
65	9.286	1221	1224	1226	rBV3	585749	481043	5.41%	0.415%
66	9.392	1240	1242	1244	rBV2	1832658	1532728	17.24%	1.322%
67	9.422	1244	1247	1249	rVV	4404434	4212613	47.38%	3.633%
68	9.445	1249	1251	1253	rVB3	560273	464346	5.22%	0.400%
69	9.504	1258	1261	1263	rVB3	649080	480475	5.40%	0.414%
70	9.551	1266	1269	1270	rBV3	872133	965562	10.86%	0.833%
71	9.598	1274	1277	1279	rVB2	1994747	1783827	20.06%	1.538%
72	9.663	1285	1288	1290	rBV3	1390495	1656850	18.63%	1.429%
73	9.798	1308	1311	1314	rVB3	930246	945252	10.63%	0.815%
74	9.886	1324	1326	1329	rVB3	1396219	1150995	12.94%	0.993%
75	9.933	1332	1334	1335	rBV	761044	635615	7.15%	0.548%
76	9.951	1335	1337	1343	rVB6	1624601	1937672	21.79%	1.671%

LSC Area Percent Report

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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-2R

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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77	10.010	1343	1347	1352	rBV3	1953749	2915350	32.79%	2.514%
78	10.228	1381	1384	1386	rBV3	948416	1092688	12.29%	0.942%
79	10.322	1398	1400	1401	rBV2	693431	603144	6.78%	0.520%
80	10.351	1401	1405	1408	rVB	4765738	4852281	54.57%	4.184%
81	10.439	1416	1420	1422	rBV4	878562	1399584	15.74%	1.207%
82	10.480	1425	1427	1430	rVV2	1867918	1692572	19.03%	1.460%
83	10.510	1430	1432	1434	rVV2	612923	561257	6.31%	0.484%
84	10.622	1445	1451	1454	rBV2	6480096	8891999	100.00%	7.668%
85	10.675	1458	1460	1462	rVB2	1064944	787160	8.85%	0.679%
86	10.816	1481	1484	1490	rBV6	1472280	1862100	20.94%	1.606%
87	10.892	1495	1497	1499	rBV2	602272	586585	6.60%	0.506%
88	10.922	1499	1502	1509	rVB6	811774	1445303	16.25%	1.246%
89	11.080	1524	1529	1535	rVB	4405829	5343439	60.09%	4.608%
90	11.169	1542	1544	1549	rBV3	671604	872956	9.82%	0.753%
91	11.422	1584	1587	1590	rVB2	1398786	1481927	16.67%	1.278%
92	12.145	1707	1710	1712	rBV3	690969	730626	8.22%	0.630%
93	12.216	1719	1722	1725	rBV	821789	876598	9.86%	0.756%
94	12.298	1734	1736	1739	rVB4	268159	259862	2.92%	0.224%
95	12.622	1788	1791	1794	rVB	398416	398445	4.48%	0.344%
96	12.657	1794	1797	1800	rBV	463083	466546	5.25%	0.402%
97	12.745	1808	1812	1815	rBV	2567485	2455983	27.62%	2.118%
98	13.786	1985	1989	1992	rVB	547138	471349	5.30%	0.406%
99	15.174	2220	2225	2229	rBV	464698	529394	5.95%	0.457%
100	17.380	2591	2600	2612	rVB	567799	1343805	15.11%	1.159%

Sum of corrected areas: 115959074

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
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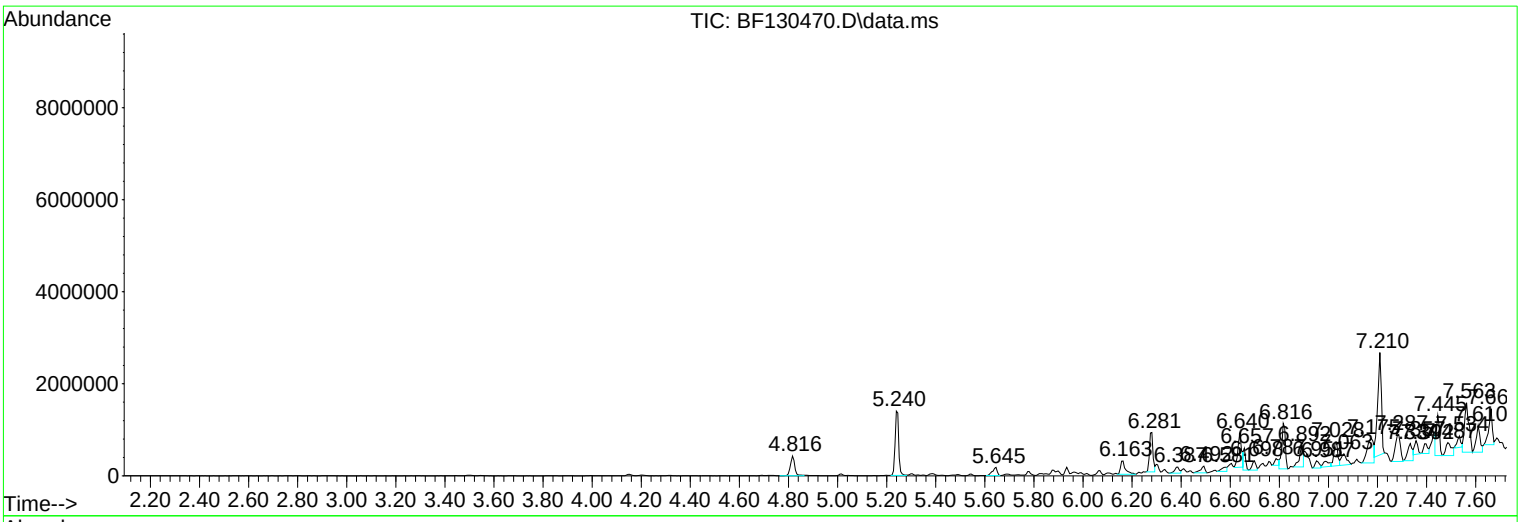
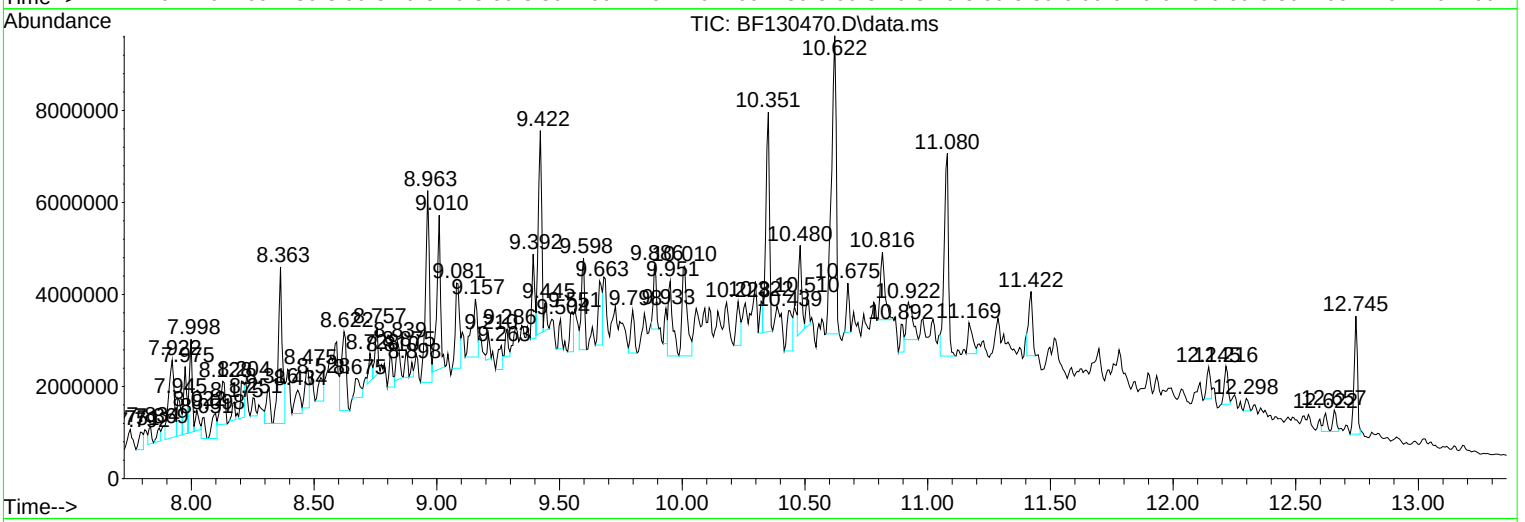
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

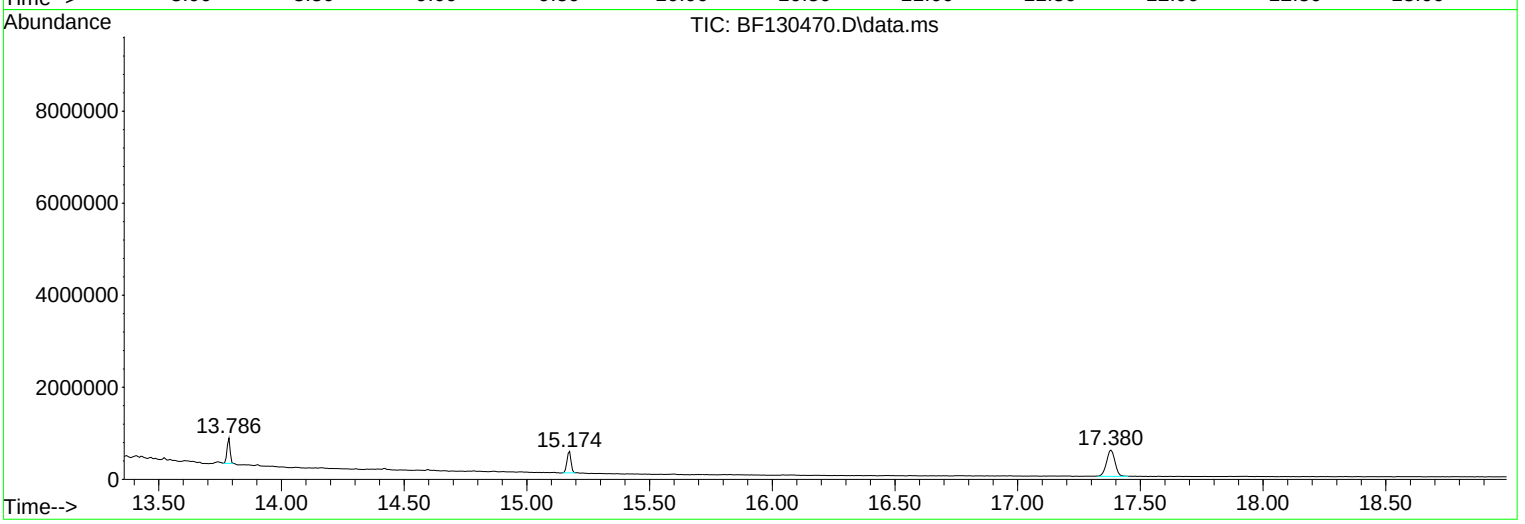
Instrument :
BNA_F
ClientSampleId :
MW-2R

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\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
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ALS Vial : 10 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

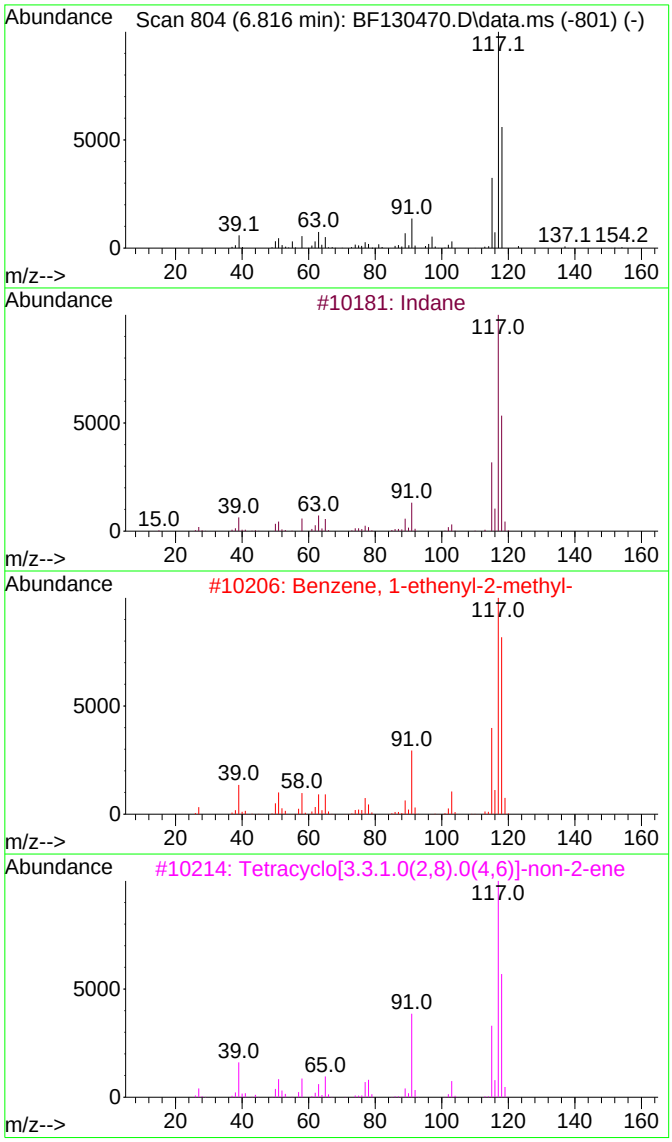
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

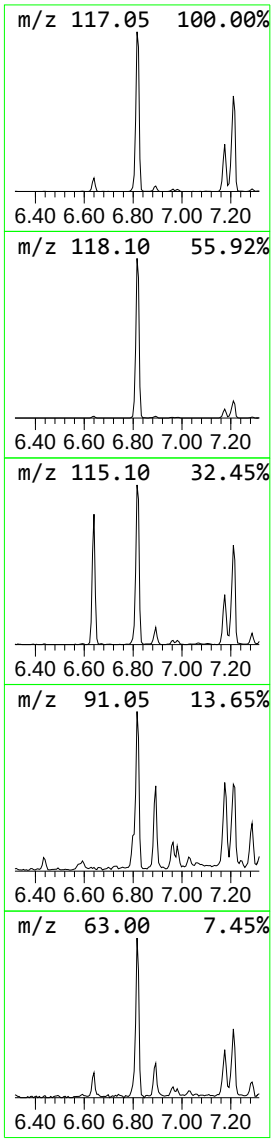
****

Peak Number 1 Indane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.816	24.36 ng	987845	1,4-Dichlorobenzene-d4	6.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
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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

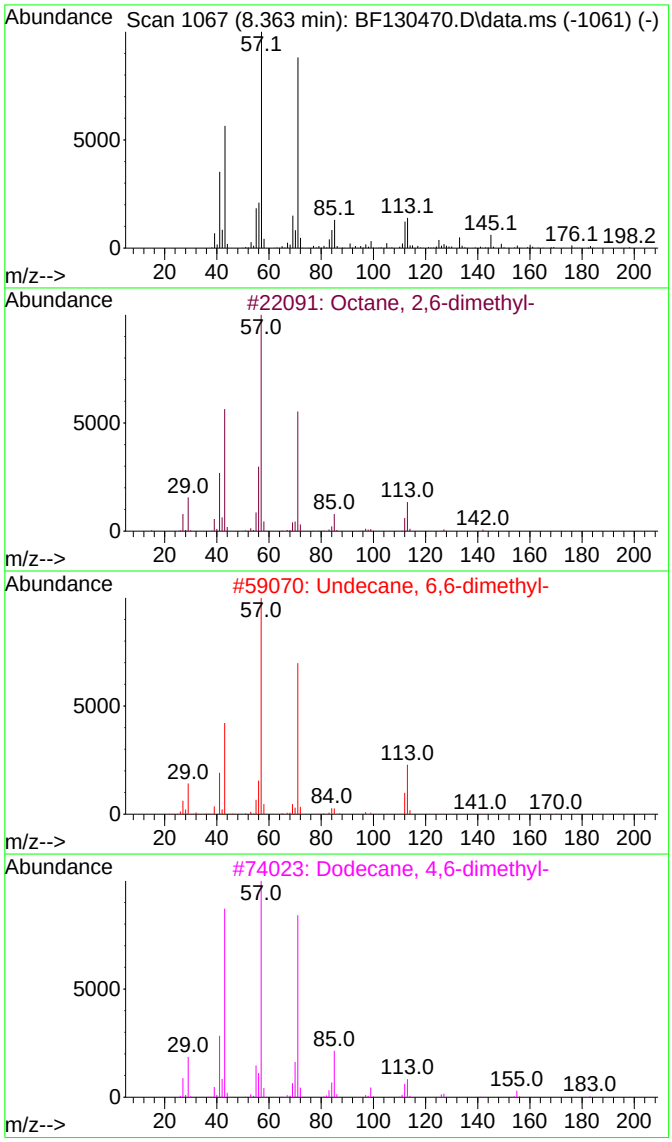
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

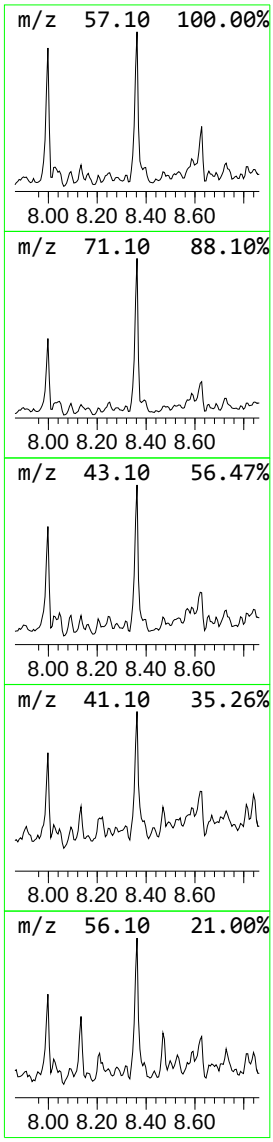
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	29.44 ng	3985920	Naphthalene-d8	7.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	59
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59





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ALS Vial : 10 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

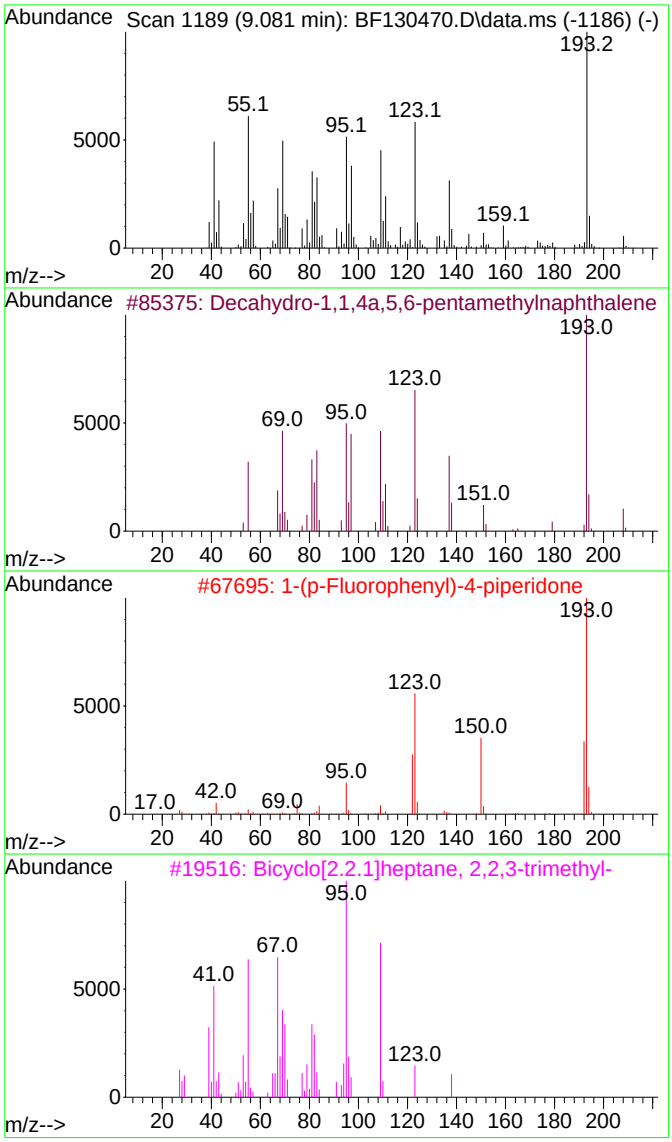
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

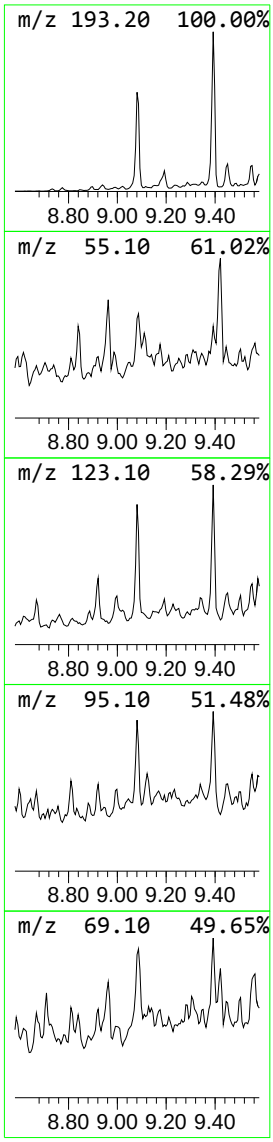
****

Peak Number 3 unknown9.081 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.081	27.30 ng	2261440	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	45
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	18
4	2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	18
5	4',6'-Dimethoxy-2',3'-dimethylac...	208	C12H16O3	1010244-80-3	14





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Data File : BF130470.D
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Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
MW-2R

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

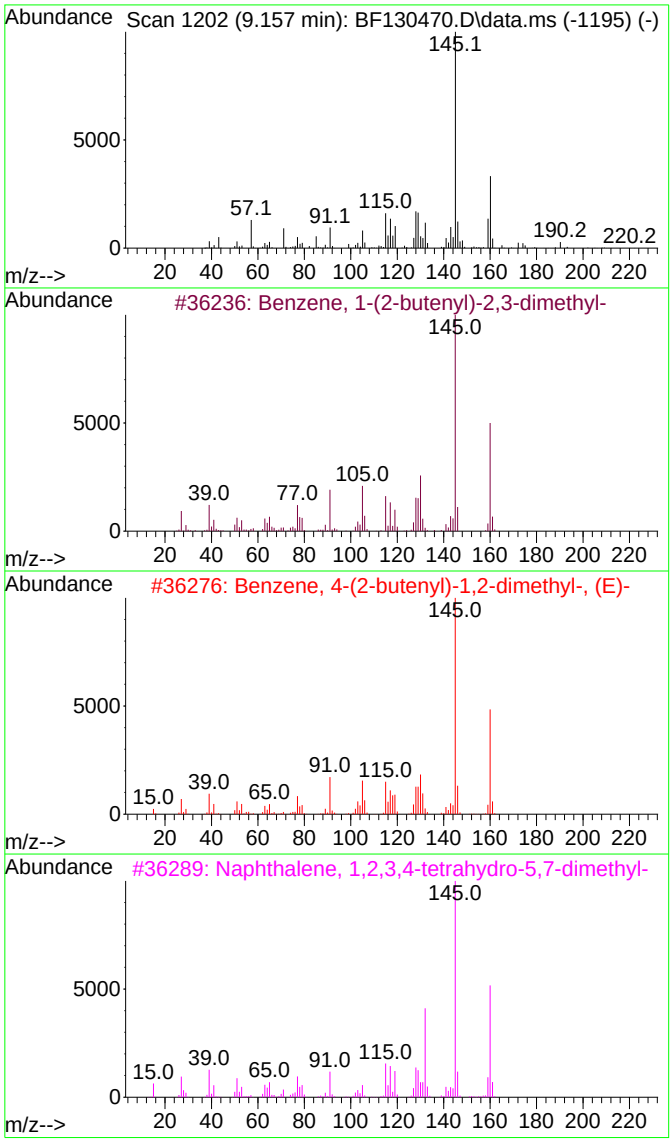
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

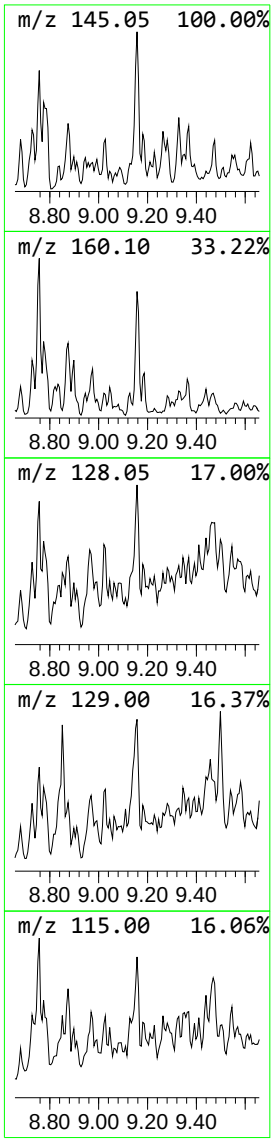
****

Peak Number 4 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.157	24.63 ng	2040740	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	90
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
5	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	81





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Data File : BF130470.D
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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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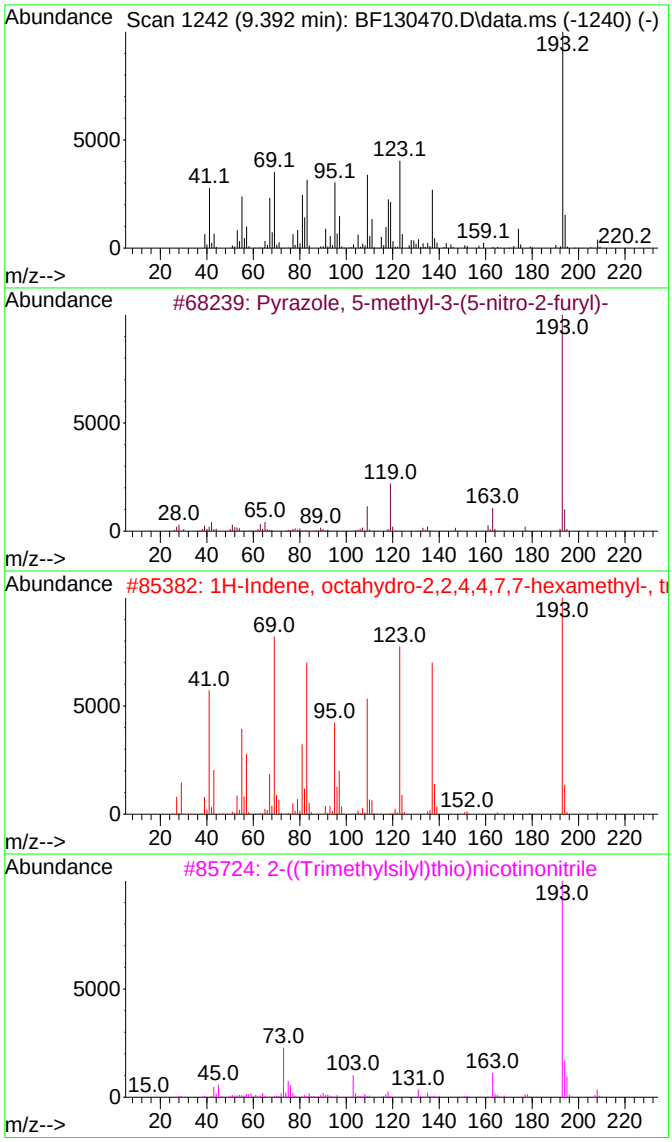
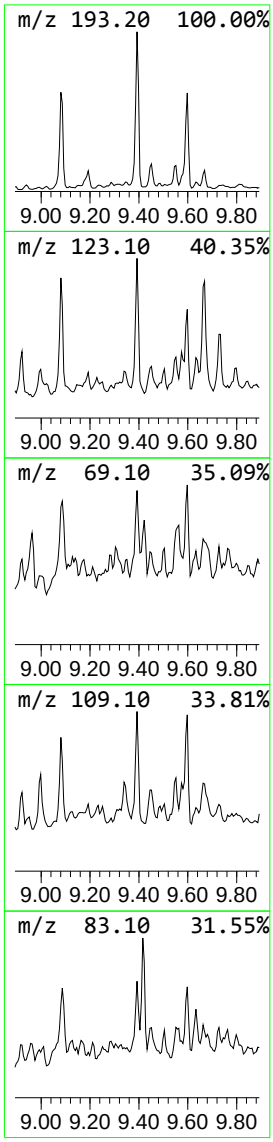
Peak Number 5 unknown9.392 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.392	18.50 ng	1532730	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	38
2	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
3	2-((Trimethylsilyl)thio)nicotino...	208	C9H12N2SSi	1000474-02-5	30
4	Trisiloxane, 1,1,3,3,5,5-hexamet...	208	C6H20O2Si3	001189-93-1	27
5	Benzonitrile, pentafluoro-	193	C7F5N	000773-82-0	27





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Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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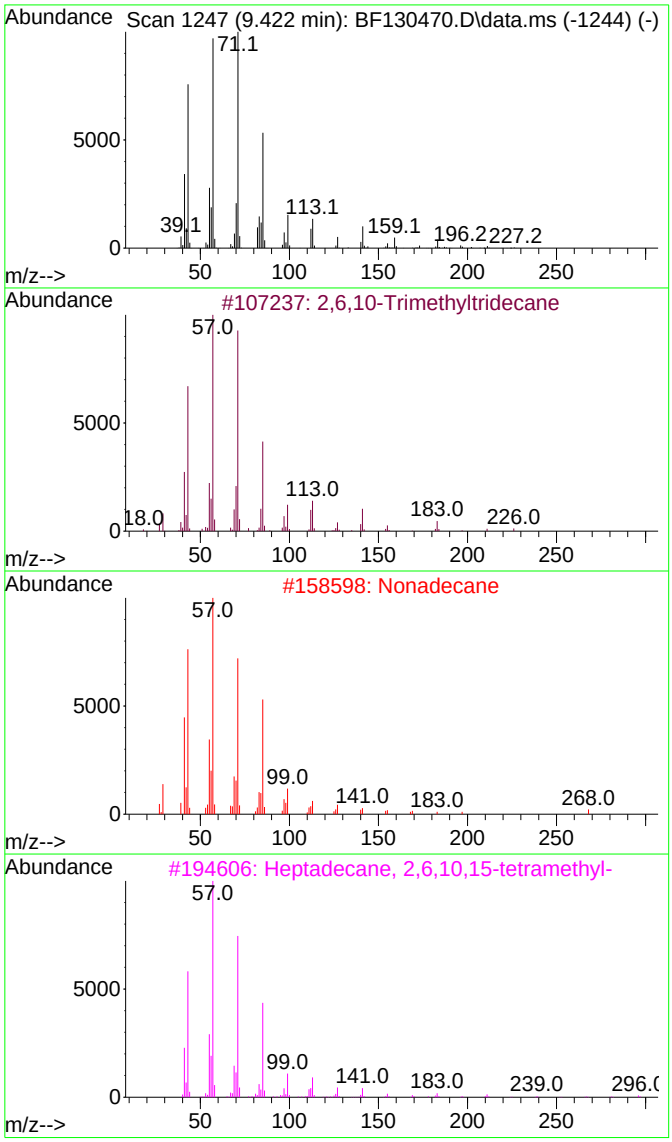
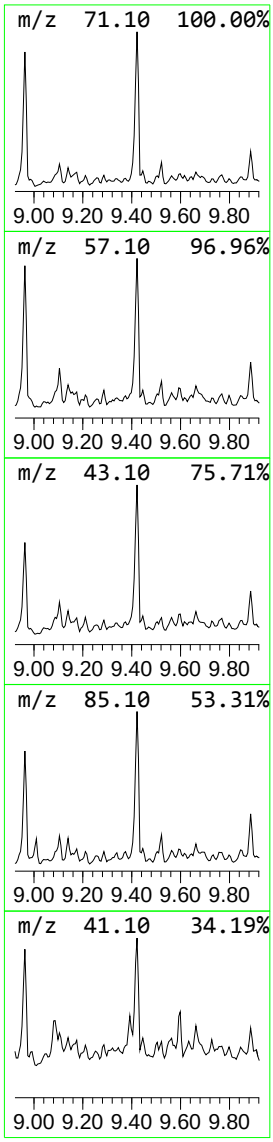
Peak Number 6 2,6,10-Trimethyltridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	50.85 ng	4212610	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	90
2	Nonadecane	268	C19H40	000629-92-5	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	64
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62





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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

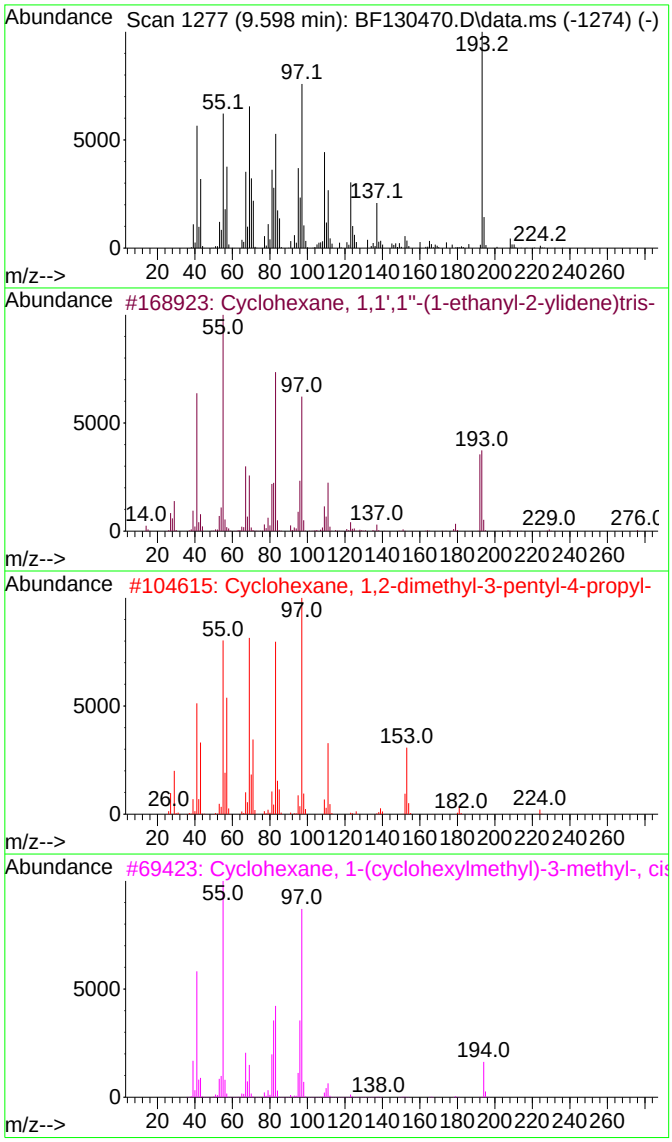
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

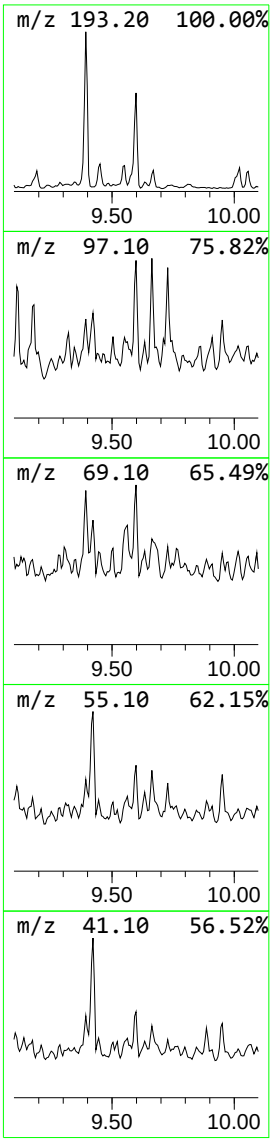
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,1',1''-(1-et... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	21.53 ng	1783830	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1',1''-(1-ethanyl...	276	C20H36	055682-86-5	50
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	42
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	27
4	9-Vinylcarbazole	193	C14H11N	001484-13-5	25
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054824-04-3	25





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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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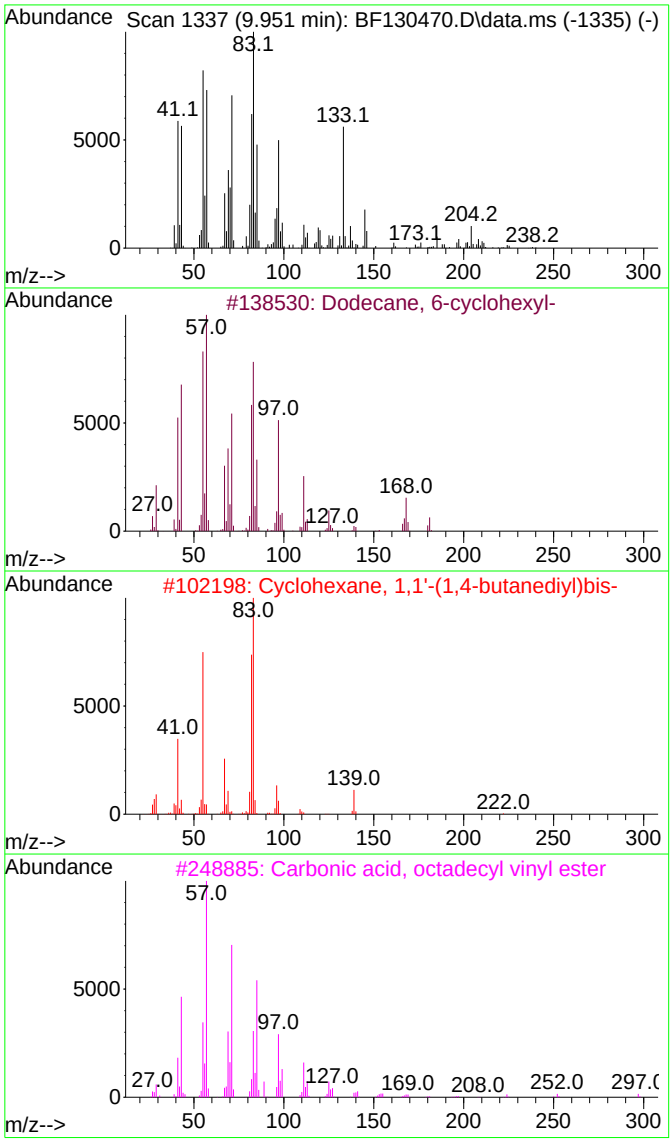
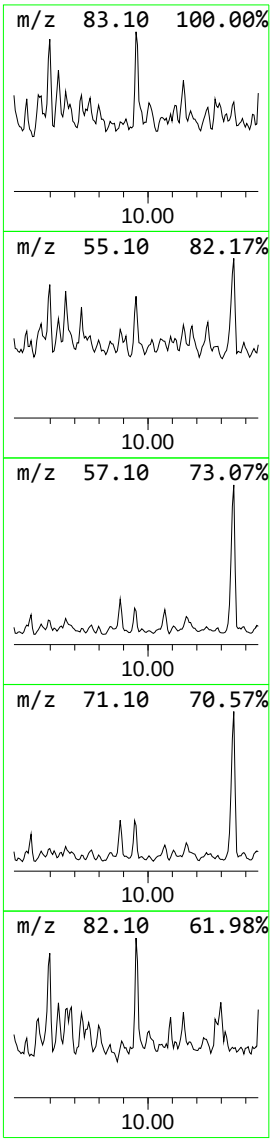
Peak Number 8 Dodecane, 6-cyclohexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.951	23.39 ng	1937670	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	64
2	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	38
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	30
4	Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	30
5	Carbonic acid, decyl nonyl ester	328	C20H40O3	1000383-15-8	30





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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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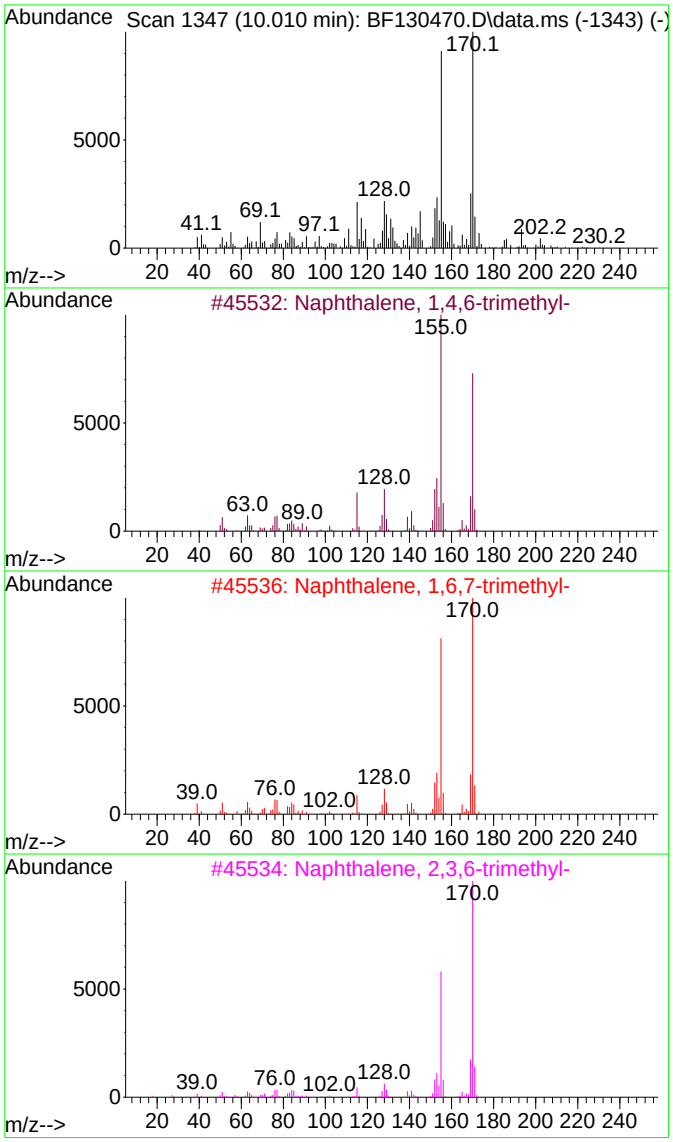
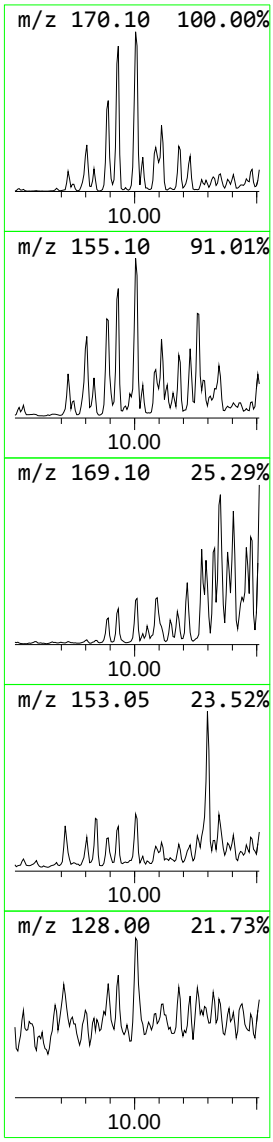
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.010	35.19 ng	2915350	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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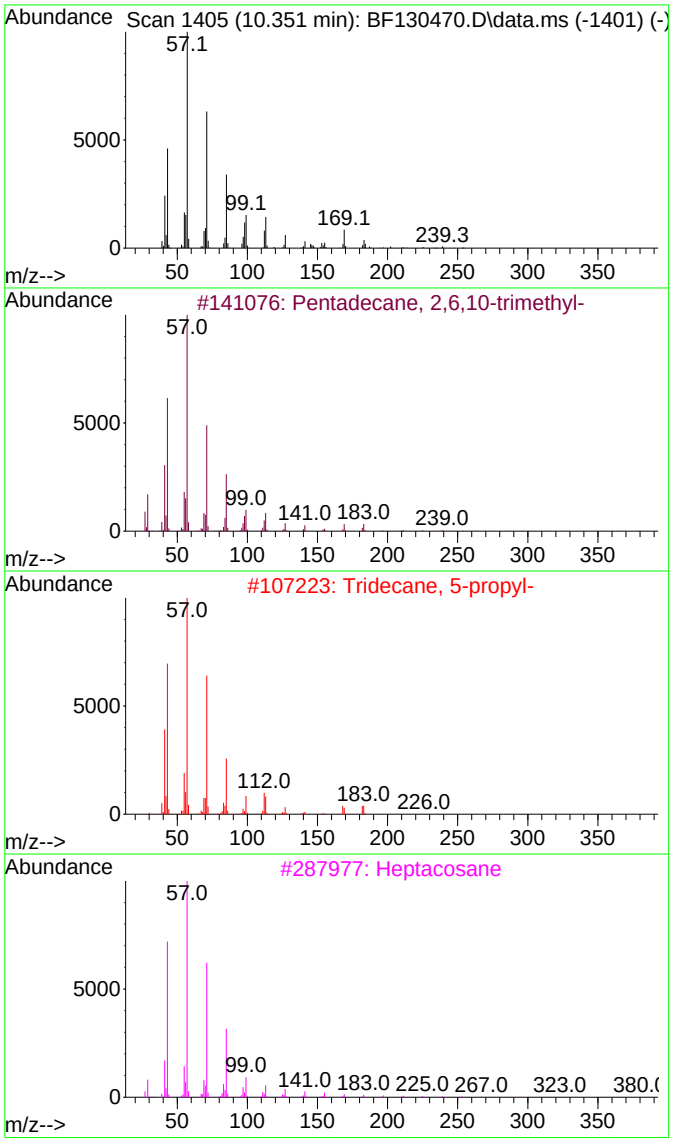
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

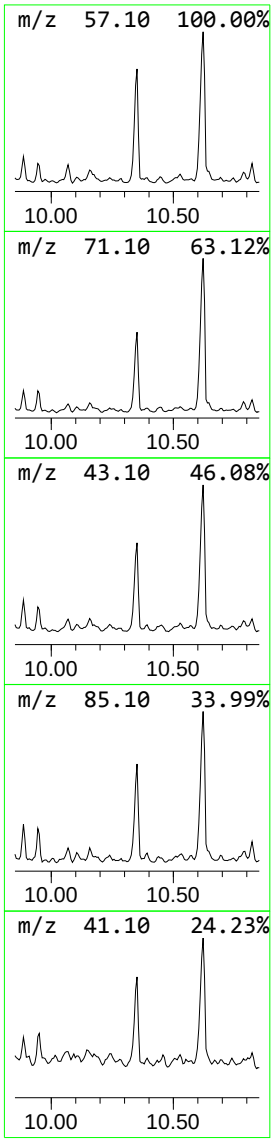
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	58.57 ng	4852280	Acenaphthene-d10	9.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Heptacosane	380	C27H56	000593-49-7	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68
5	Hexadecane	226	C16H34	000544-76-3	64





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Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

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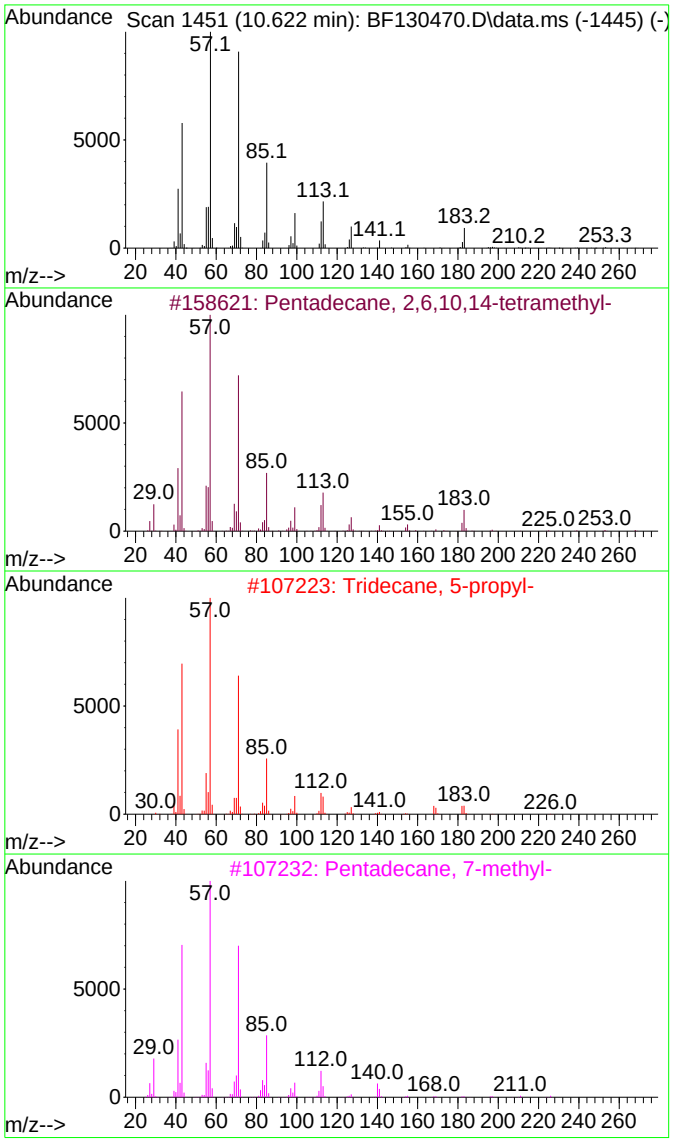
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

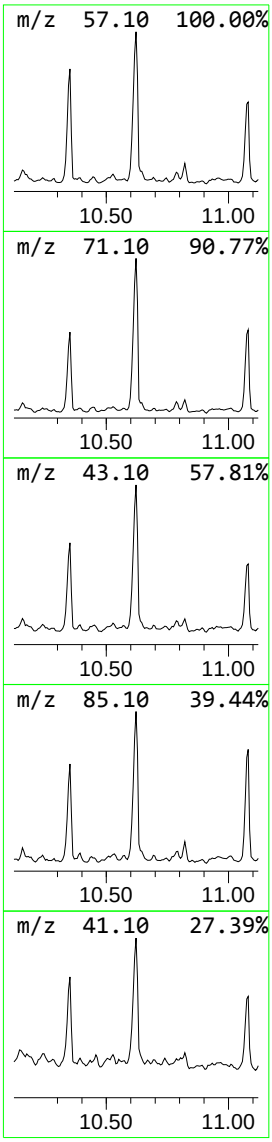
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	203.72 ng	8892000	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	58





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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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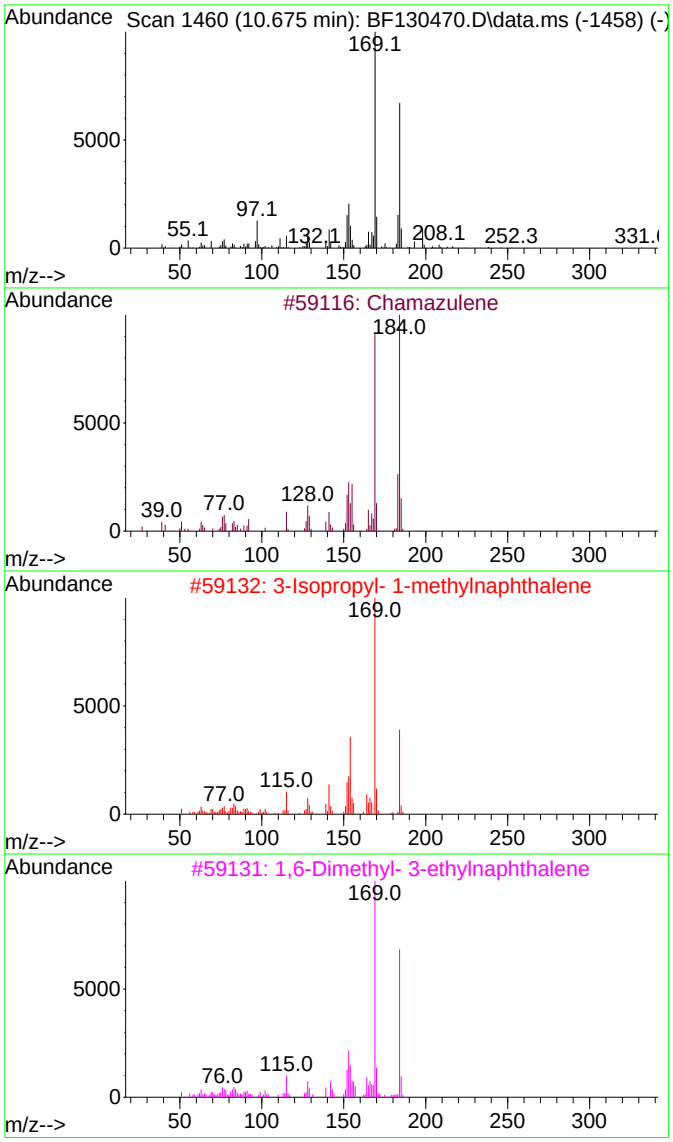
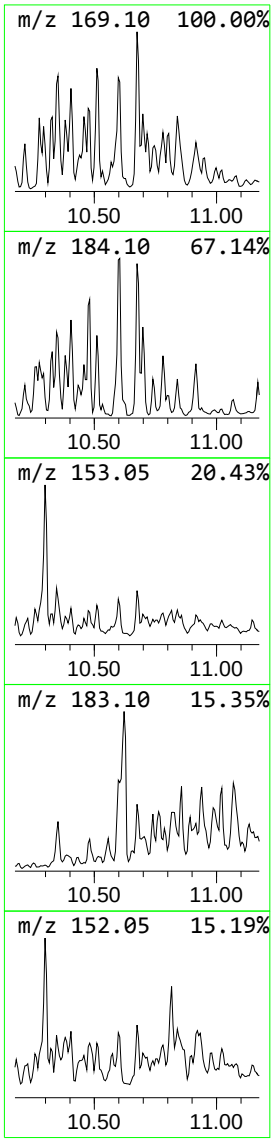
Peak Number 12 Chamazulene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.675	18.03 ng	787160	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	93
2	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	86
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	74
4	3-Amino-2-fluoropyridine, TMS	184	C8H13FN2Si	1000496-60-9	72
5	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	70





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Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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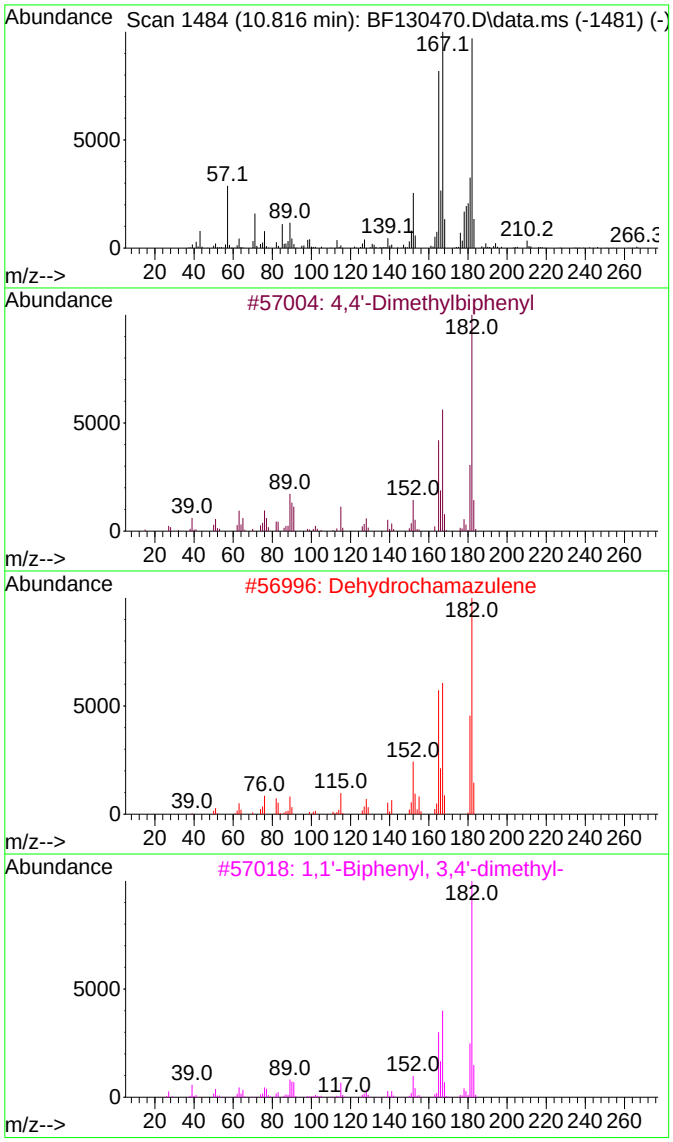
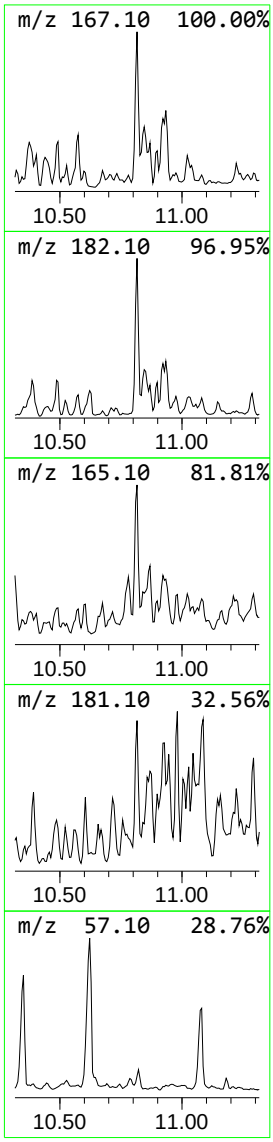
Peak Number 13 4,4'-Dimethylbiphenyl Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	42.66 ng	1862100	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	91
2	Dehydrochamazulene	182	C14H14	321732-25-6	90
3	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	81
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	70
5	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	70





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ALS Vial : 10 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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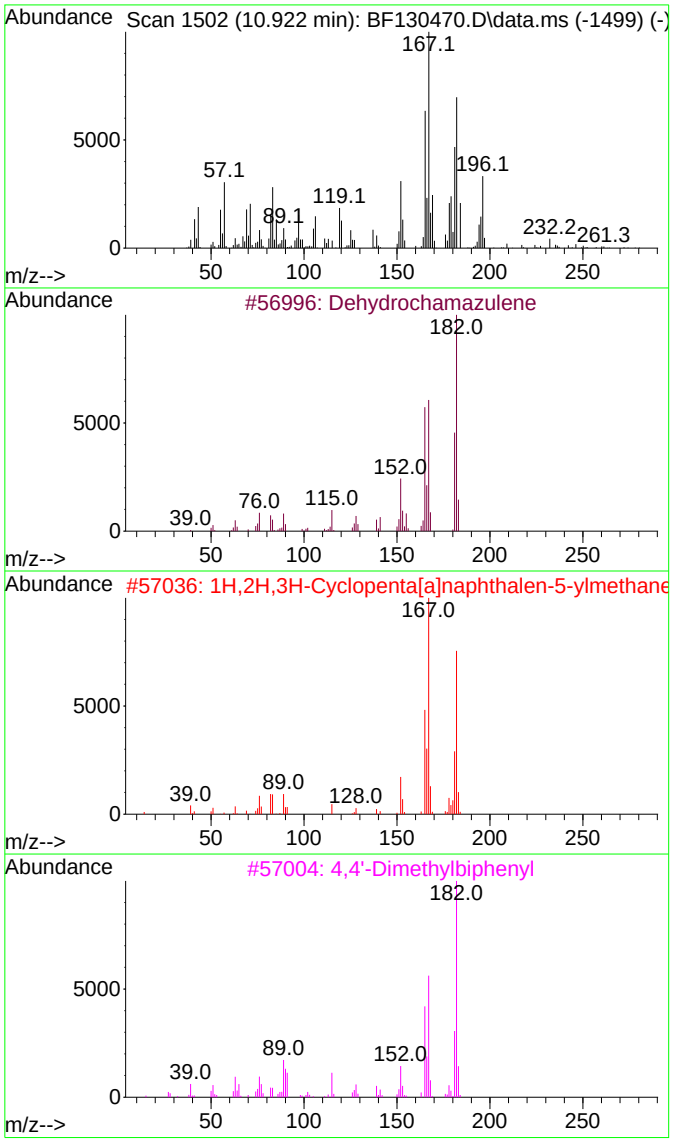
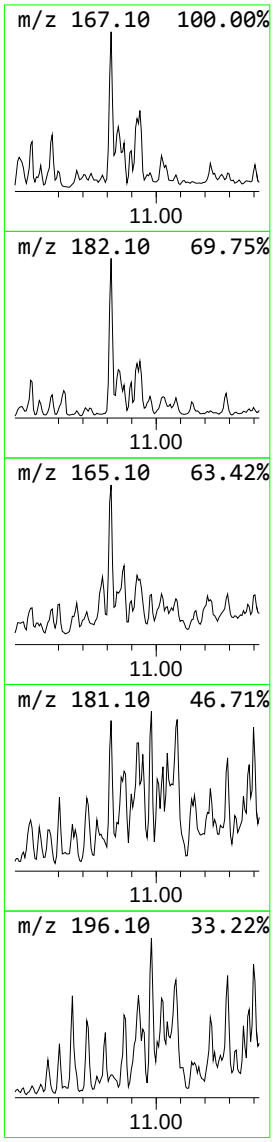
Peak Number 14 Dehydrochamazulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	33.11 ng	1445300	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	86
2	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	60
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	53
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	50
5	1,1'-Biphenyl, 3,4'-dimethyl-	182	C14H14	007383-90-6	49





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Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

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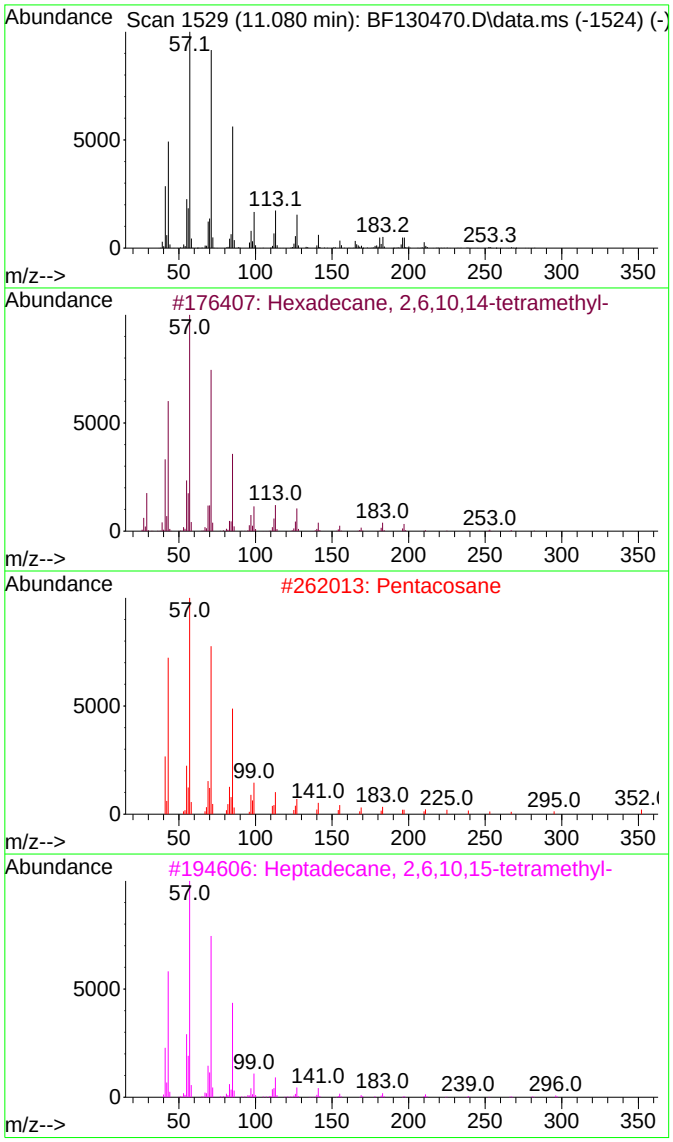
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

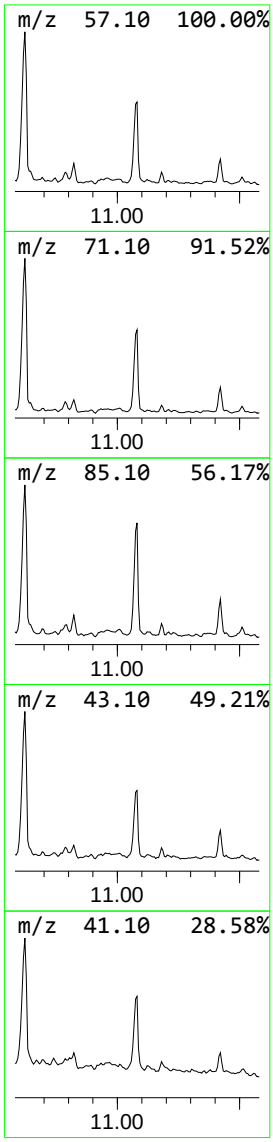
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.080	122.42 ng	5343440	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80





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Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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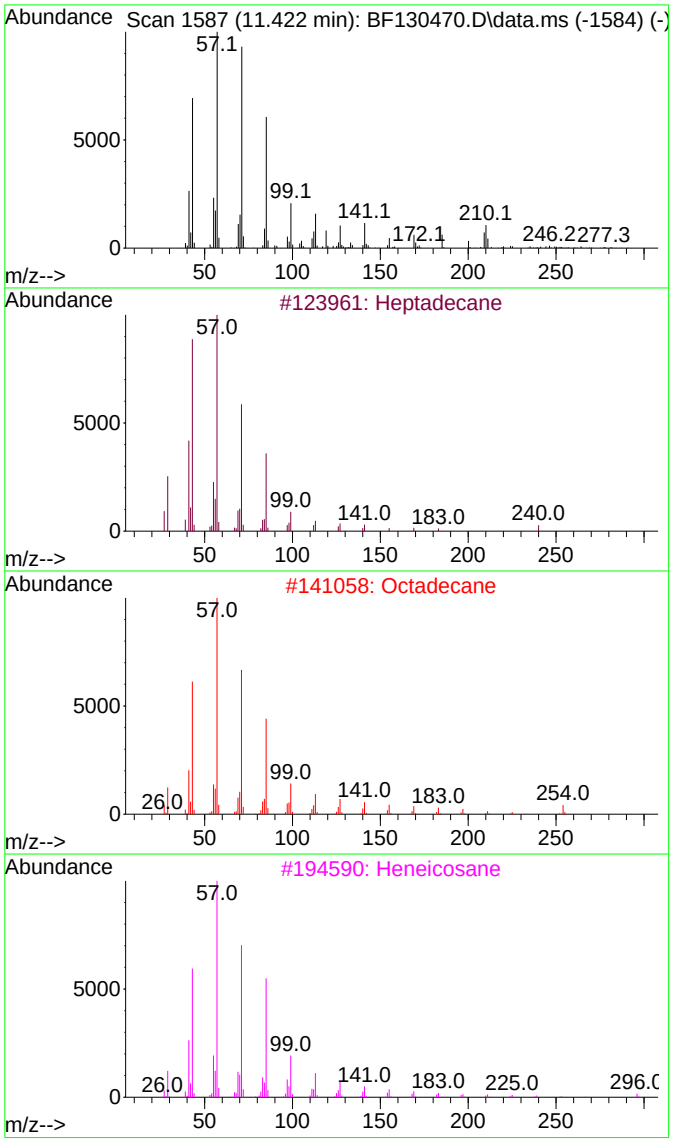
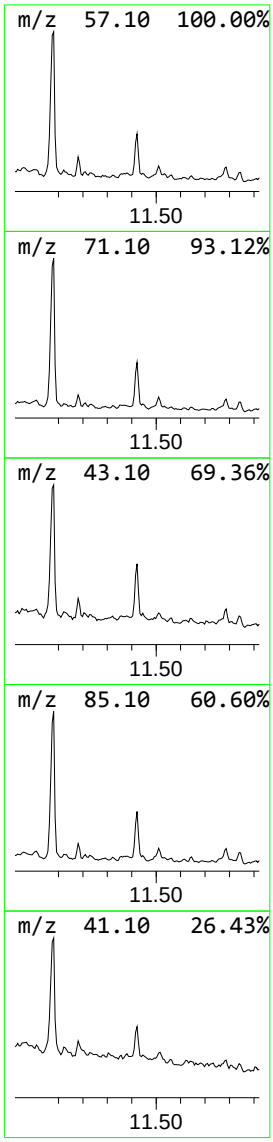
Peak Number 16 Heptadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	33.95 ng	1481930	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Octadecane	254	C18H38	000593-45-3	86
3	Heneicosane	296	C21H44	000629-94-7	86
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
5	Pentacosane	352	C25H52	000629-99-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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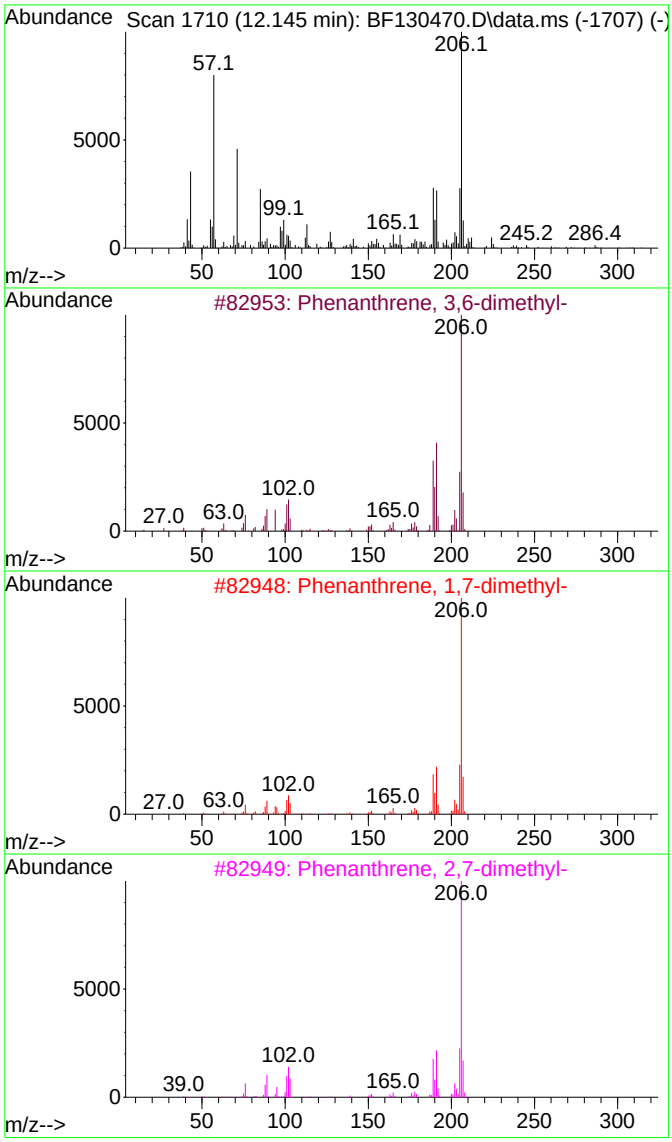
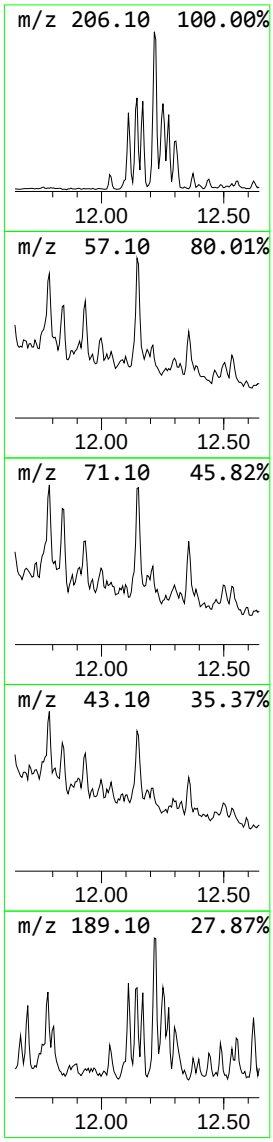
Peak Number 17 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	16.74 ng	730626	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	55
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
5	7-Methoxy-6-methyl-2,4-pteridine...	206	C8H10N6O	343347-40-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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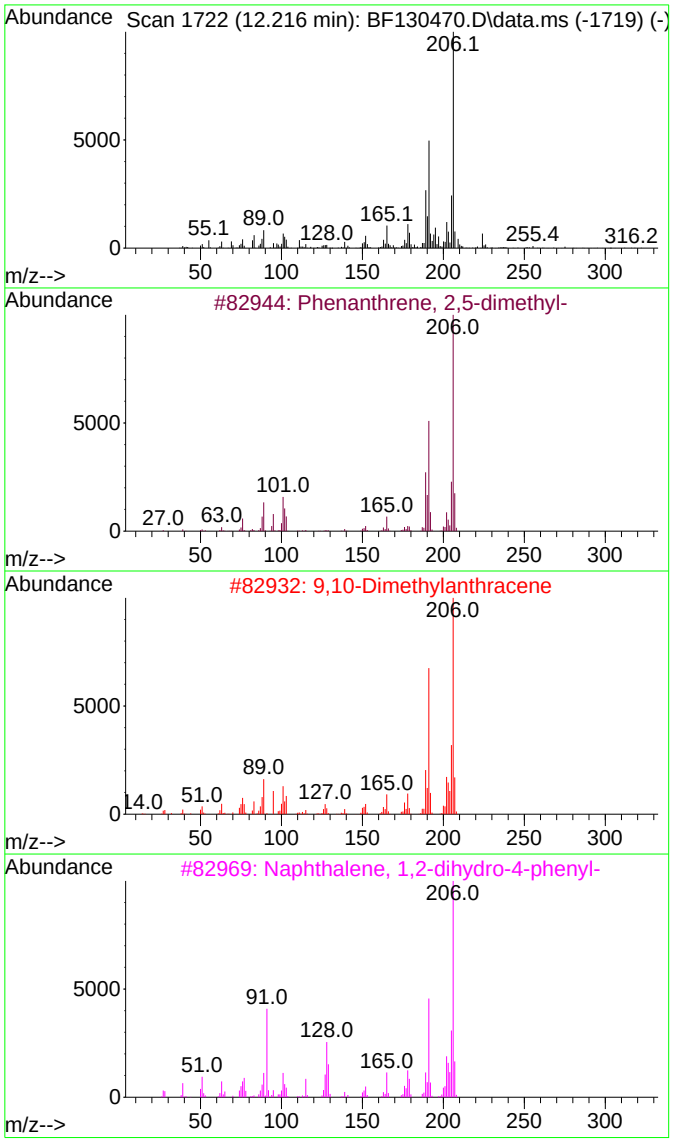
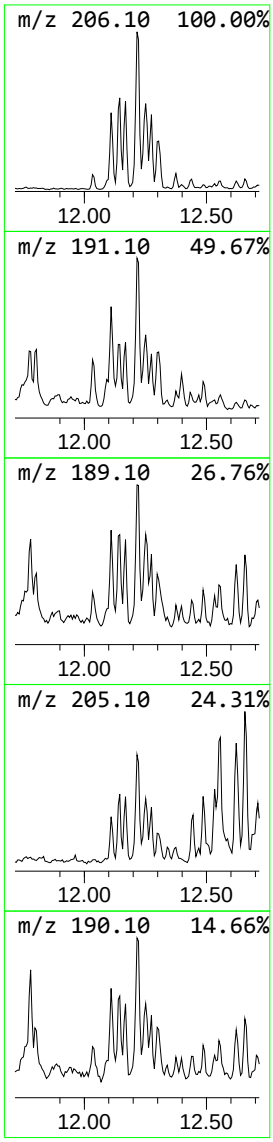
Peak Number 18 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	20.08 ng	876598	Phenanthrene-d10	11.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	76
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	74
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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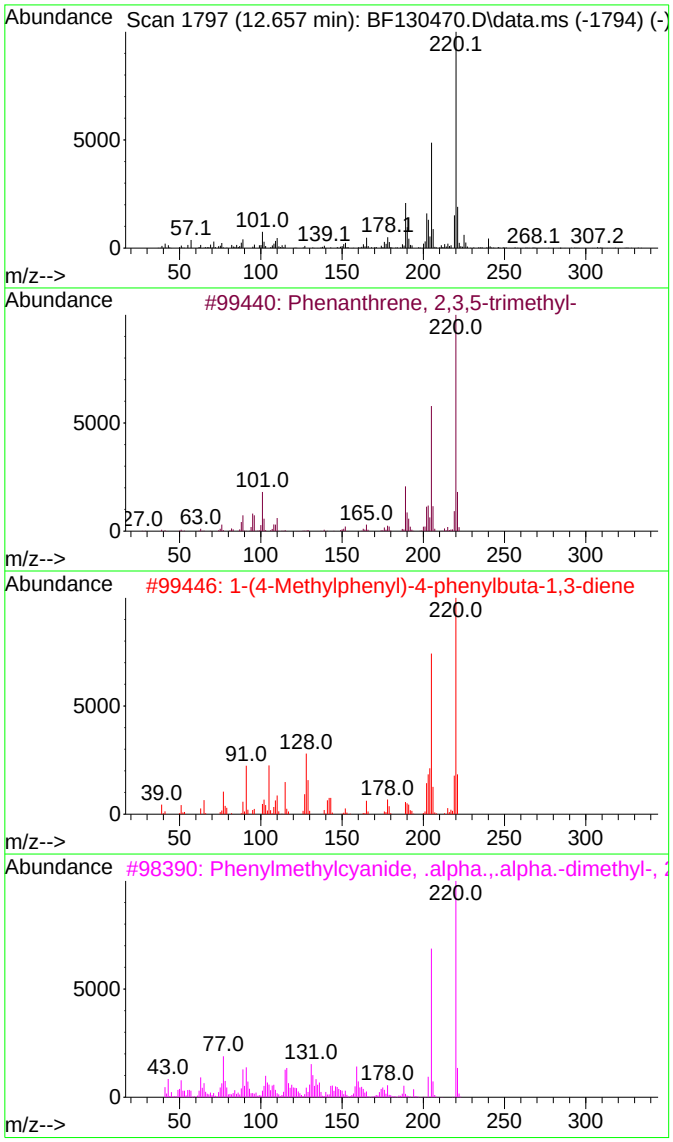
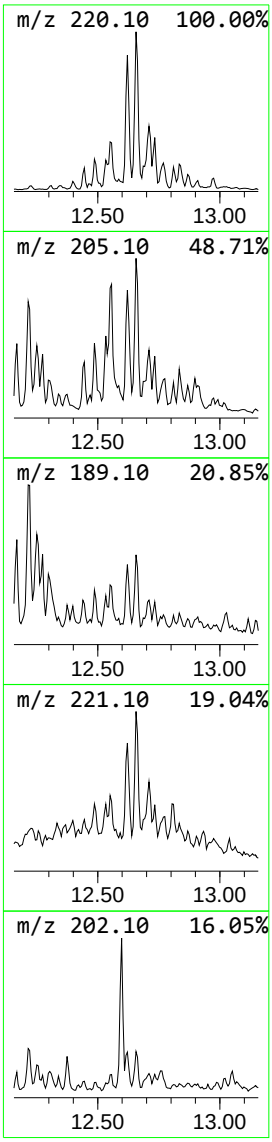
Peak Number 19 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.657	19.80 ng	466546	Chrysene-d12	13.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	94
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	72
3	Phenylmethylcyanide, .alpha.,.al...	220	C11H12N2O3	1000129-53-0	53
4	Coumarin-6-ol, 3,4-dihydro-4,4,5...	220	C13H16O3	050442-68-7	53
5	Benzo[b]dihydropyran, 6-hydroxy-...	220	C14H20O2	050442-70-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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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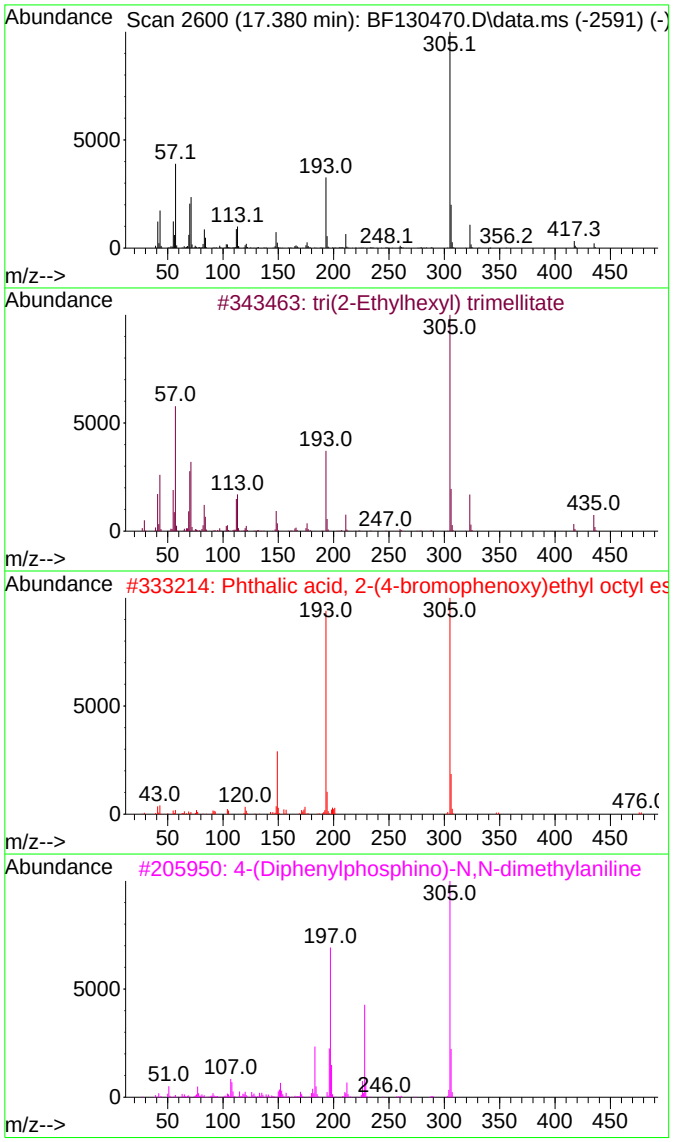
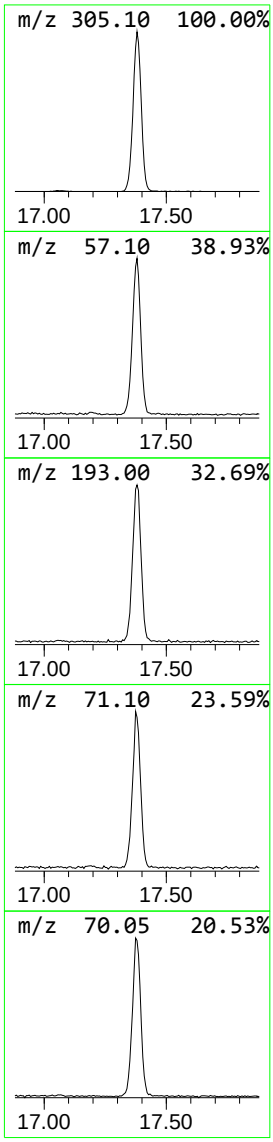
Peak Number 20 tri(2-Ethylhexyl) trimellitate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.380	50.77 ng	1343810	Perylene-d12	15.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	70
2	Phthalic acid, 2-(4-bromophenoxy...	476	C24H29BrO5	1010382-89-7	42
3	4-(Diphenylphosphino)-N,N-dimeth...	305	C20H20NP	000739-58-2	38
4	2-(3-{[2-(1H-Indol-3-yl)-1,1-dim...	435	C25H33N3O2Si	1000408-41-9	28
5	Terephthalic acid, octyl 2-pheno...	398	C24H30O5	1000416-04-7	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092922\
Data File : BF130470.D
Acq On : 29 Sep 2022 16:58
Operator : CG\JU
Sample : N4860-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2R

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
Indane	6.816	24.4	ng	987845	1	6.640	811087	20.0
Octane, 2,6-dim...	8.363	29.4	ng	3985920	2	7.928	2707680	20.0
unknown9.081	9.081	27.3	ng	2261440	3	9.686	1656850	20.0
Benzene, 1-(2-b...	9.157	24.6	ng	2040740	3	9.686	1656850	20.0
unknown9.392	9.392	18.5	ng	1532730	3	9.686	1656850	20.0
2,6,10-Trimethy...	9.422	50.9	ng	4212610	3	9.686	1656850	20.0
Cyclohexane, 1,...	9.598	21.5	ng	1783830	3	9.686	1656850	20.0
Dodecane, 6-cyc...	9.951	23.4	ng	1937670	3	9.686	1656850	20.0
Naphthalene, 1,...	10.010	35.2	ng	2915350	3	9.686	1656850	20.0
Pentadecane, 2,...	10.351	58.6	ng	4852280	3	9.686	1656850	20.0
Pentadecane, 2,...	10.622	203.7	ng	8892000	4	11.169	872956	20.0
Chamazulene	10.675	18.0	ng	787160	4	11.169	872956	20.0
4,4'-Dimethylbi...	10.816	42.7	ng	1862100	4	11.169	872956	20.0
Dehydrochamazulene	10.922	33.1	ng	1445300	4	11.169	872956	20.0
Hexadecane, 2,6...	11.080	122.4	ng	5343440	4	11.169	872956	20.0
Heptadecane	11.422	34.0	ng	1481930	4	11.169	872956	20.0
Phenanthrene, 3...	12.145	16.7	ng	730626	4	11.169	872956	20.0
Phenanthrene, 2...	12.216	20.1	ng	876598	4	11.169	872956	20.0
Phenanthrene, 2...	12.657	19.8	ng	466546	5	13.786	471349	20.0
tri(2-Ethylhexy...	17.380	50.8	ng	1343810	6	15.174	529394	20.0