LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125904.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.434	560	569	572	rBV	2647066	2566018	82.04%	6.330%
2	5.657	601	607	618	rBV2	72474	124306	3.97%	0.307%
3	6.451	732	742	745	rBV	2493038	2561775	81.90%	6.320%
4	6.651	773	776	782	rBV3	100384	147670	4.72%	0.364%
5	6.822	802	805	808	rBV	1038492	774204	24.75%	1.910%
6	7.081	846	849	852	rBV	65093	74723	2.39%	0.184%
7	7.222	867	873	877	rBV3	67464	89829	2.87%	0.222%
8	7.381	895	900	903	rBV	1870687	1584087	50.65%	3.908%
9	7.422	905	907	911	rVV	106335	78687	2.52%	0.194%
10	8.004	1003	1006	1011	rBV	714127	530720	16.97%	1.309%
11	8.104	1018	1023	1025	rBV	1370536	1303273	41.67%	3.215%
12	8.122	1025	1026	1030	rVV	249810	181879	5.81%	0.449%
13	8.169	1030	1034	1036	rVB2	73493	66814	2.14%	0.165%
14	8.481	1085	1087	1091	rBV3	69243	66534	2.13%	0.164%
15	8.528	1091	1095	1097	rBV	156423	131617	4.21%	0.325%
16	8.698	1120	1124	1127	rVB	449009	346216	11.07%	0.854%
17	8.816	1142	1144	1148	rVB	217678	172438	5.51%	0.425%
18	8.910	1157	1160	1165	rVB	165732	158532	5.07%	0.391%
19	8.981	1170	1172	1174	rBV2	62279	59988	1.92%	0.148%
20	9.063	1182	1186	1189	rVB2	81500	81766	2.61%	0.202%
21	9.098	1189	1192	1194	rBV	74272	62098	1.99%	0.153%
22	9.128	1194	1197	1202	rVV	186075	148944	4.76%	0.367%
23	9.181	1202	1206	1209	rVB	3474005	3127783	100.00%	7.716%
24	9.263	1216	1220	1224	rBV	562444	507442	16.22%	1.252%
25	9.375	1237	1239	1243	rVB	77247	80897	2.59%	0.200%
26	9.445	1246	1251	1254	rVV	160647	229279	7.33%	0.566%
27	9.480	1254	1257	1259	rVV	75979	77073	2.46%	0.190%
28	9.516	1259	1263	1265	rVV	285371	291615	9.32%	0.719%
29	9.539	1265	1267	1269	rVV	224409	170816	5.46%	0.421%
30	9.580	1269	1274	1276	rVV3	267028	322615	10.31%	0.796%
31	9.604	1276	1278	1280	rVV2	76328	63555	2.03%	0.157%
32	9.633	1280	1283	1287	rVV2	116938	151110	4.83%	0.373%
33	9.710	1293	1296	1298	rBV3	99767	103595	3.31%	0.256%
34	9.792	1307	1310	1314	rVB	490997	409922	13.11%	1.011%
35	9.857	1317	1321	1324	rVV	1382579	1259203	40.26%	3.106%
36	9.886	1324	1326	1329	rVB	206190	169484	5.42%	0.418%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.957	1336	1338	1344	rBV3	79559	127453	4.07%	0.314%
38	10.016	1344	1348	1349	rBV4	69759	76363	2.44%	0.188%
39	10.033	1349	1351	1353	rVV	66348	66698	2.13%	0.165%
40	10.057	1353	1355	1360	rVB2	243410	215215	6.88%	0.531%
41	10.098	1360	1362	1363	rBV	102432	81346	2.60%	0.201%
42	10.169	1372	1374	1377	rBV	86474	87309	2.79%	0.215%
43	10.198	1377	1379	1381	rVB	90303	64436	2.06%	0.159%
44	10.263	1386	1390	1391	rBV2	85141	90548	2.89%	0.223%
45	10.286	1391	1394	1397	rVB	510322	443991	14.20%	1.095%
46	10.351	1402	1405	1409	rVB4	63025	75916	2.43%	0.187%
47	10.398	1410	1413	1416	rVV2	344929	306158	9.79%	0.755%
48	10.469	1420	1425	1426	rVV3	75636	103617	3.31%	0.256%
49	10.486	1426	1428	1430	rVV2	90919	103995	3.32%	0.257%
50	10.510	1430	1432	1435	rVV2	254612	229517	7.34%	0.566%
51	10.557	1438	1440	1444	rVB2	132999	133351	4.26%	0.329%
52	10.598	1444	1447	1449	rBV3	56958	70427	2.25%	0.174%
53	10.639	1449	1454	1458	rVV	2033021	1789835	57.22%	4.415%
54	10.675	1458	1460	1466	rVB5	46325	77072	2.46%	0.190%
55	10.763	1472	1475	1480	rBV	487859	650884	20.81%	1.606%
56	10.927	1500	1503	1505	rBV	72038	89165	2.85%	0.220%
57	10.945	1505	1506	1508	rVV2	110776	95350	3.05%	0.235%
58	10.975	1509	1511	1517	rVB4	105936	132250	4.23%	0.326%
59	11.210	1544	1551	1553	rBV	407616	412997	13.20%	1.019%
60	11.239	1553	1556	1560	rVB3	272210	305559	9.77%	0.754%
61	11.339	1569	1573	1575	rBV	1174664	1106874	35.39%	2.731%
62	11.363	1575	1577	1580	rVV	1573437	1143905	36.57%	2.822%
63	11.410	1582	1585	1589	rVB	396095	334523	10.70%	0.825%
64	11.451	1589	1592	1595	rBV2	77940	103589	3.31%	0.256%
65	11.563	1609	1611	1613	rBV	90188	65345	2.09%	0.161%
66	11.633	1620	1623	1626	rBV	380983	282683	9.04%	0.697%
67	11.839	1655	1658	1660	rBV	225661	187731	6.00%	0.463%
68	11.863	1660	1662	1666	rVB	334615	316745	10.13%	0.781%
69	11.910	1668	1670	1673	rVV	99653	90572	2.90%	0.223%
70	11.951	1673	1677	1679	rVV2	411954	438960	14.03%	1.083%
71	11.974	1679	1681	1686	rVB2	179957	186459	5.96%	0.460%
72	12.039	1690	1692	1695	rBV	304188	222969	7.13%	0.550%
73	12.133	1705	1708	1710	rBV	124953	95244	3.05%	0.235%
74	12.321	1736	1740	1741	rBV2	77903	99335	3.18%	0.245%
75	12.386	1748	1751	1754	rBV	160479	169655	5.42%	0.419%
76	12.427	1755	1758	1763	rVB2	316171	317938	10.16%	0.784%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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-BF100721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.474	1763	1766	1770	rBV3	58726	90621	2.90%	0.224%
78	12.551	1775	1779	1782	rBV	1327978	1139119	36.42%	2.810%
79	12.592	1783	1786	1788	rBV	188609	146513	4.68%	0.361%
80	12.704	1802	1805	1808	rBV2	67723	74234	2.37%	0.183%
81	12.774	1811	1817	1820	rBV	1325404	1375499	43.98%	3.393%
82	12.798	1820	1821	1824	rVB	218491	133279	4.26%	0.329%
83	12.921	1838	1842	1845	rVB	3008493	2553482	81.64%	6.299%
84	12.992	1851	1854	1857	rBV2	94088	116573	3.73%	0.288%
85	13.104	1870	1873	1877	rVB	252813	232686	7.44%	0.574%
86	13.168	1879	1884	1887	rBV2	201177	261609	8.36%	0.645%
87	13.210	1887	1891	1894	rBV2	144598	162611	5.20%	0.401%
88	13.298	1904	1906	1909	rVB	90806	74202	2.37%	0.183%
89	13.327	1909	1911	1915	rBV	96894	100612	3.22%	0.248%
90	13.498	1937	1940	1943	rBV3	123725	127027	4.06%	0.313%
91	13.827	1993	1996	2002	rVB	176547	220711	7.06%	0.544%
92	13.968	2016	2020	2023	rBV2	1174205	1488670	47.60%	3.672%
93	13.998	2023	2025	2028	rVB	442337	331425	10.60%	0.818%
94	14.139	2047	2049	2055	rVB4	113144	132060	4.22%	0.326%
95	14.445	2099	2101	2105	rBV2	139367	141654	4.53%	0.349%
96	15.004	2192	2196	2205	rVB	381940	730634	23.36%	1.802%
97	15.298	2243	2246	2252	rVB	229859	293534	9.38%	0.724%
98	15.357	2253	2256	2261	rBV	319395	350323	11.20%	0.864%
99	15.421	2263	2267	2270	rBV	622662	734956	23.50%	1.813%
100	16.856	2507	2511	2521	rVB2	130761	255436	8.17%	0.630%

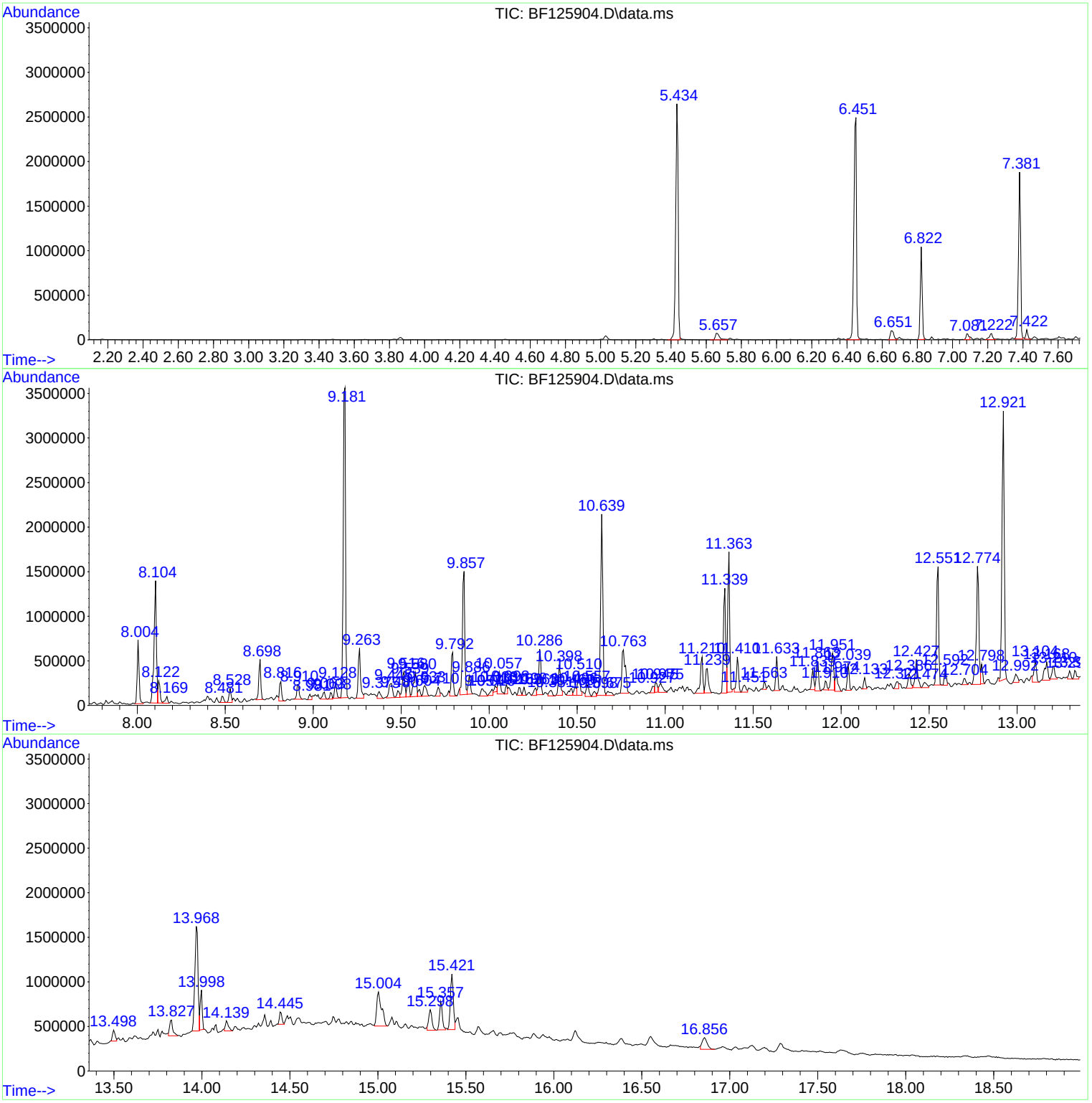
Sum of corrected areas: 40535956

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
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Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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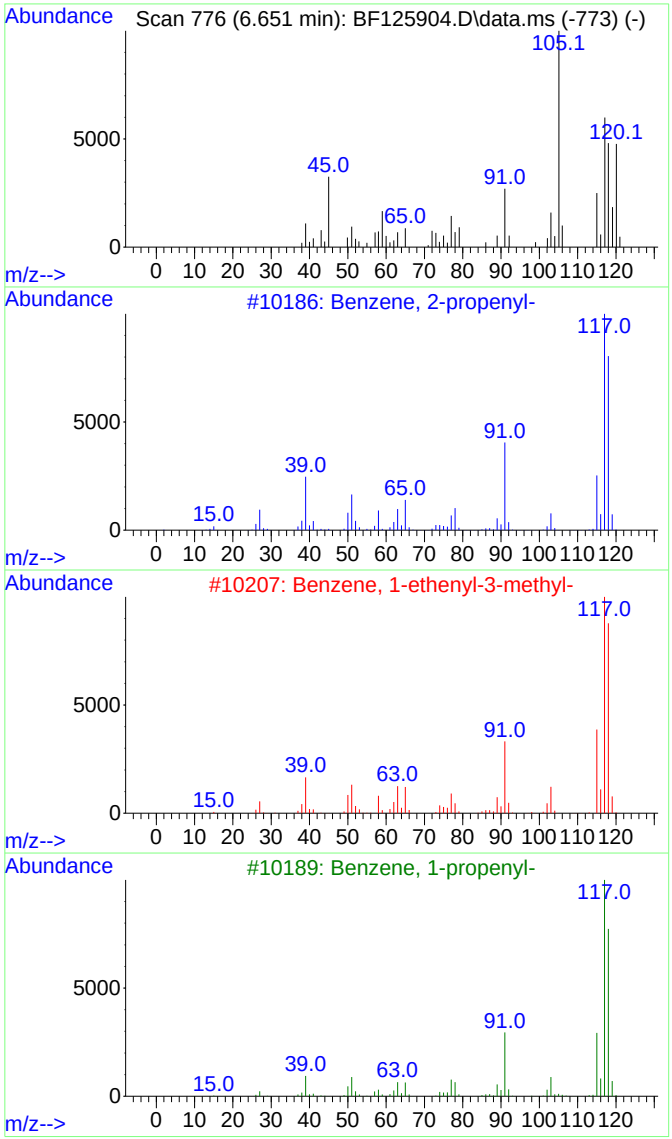
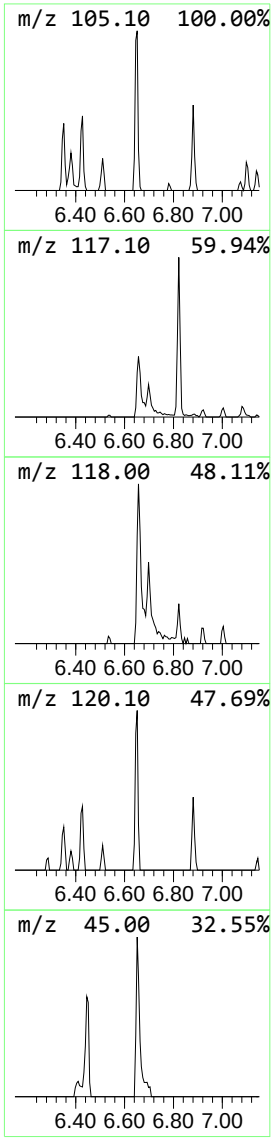
Peak Number 1 unknown6.651 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	3.81 ng	147670	1,4-Dichlorobenzene-d4	6.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	42
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	42
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	42
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	42
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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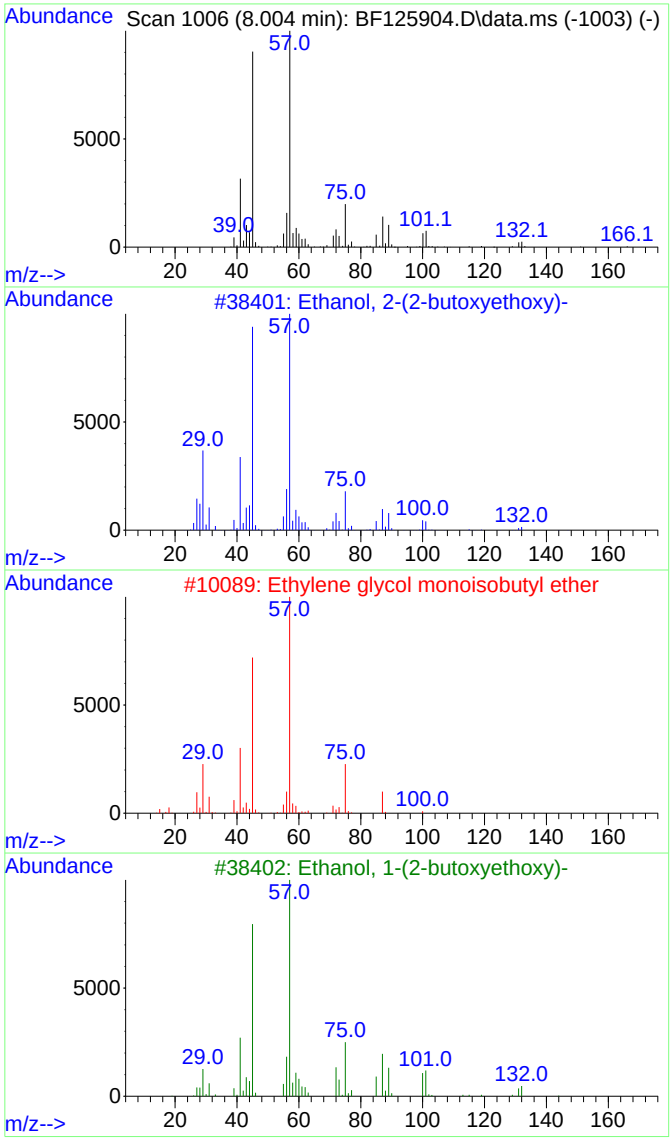
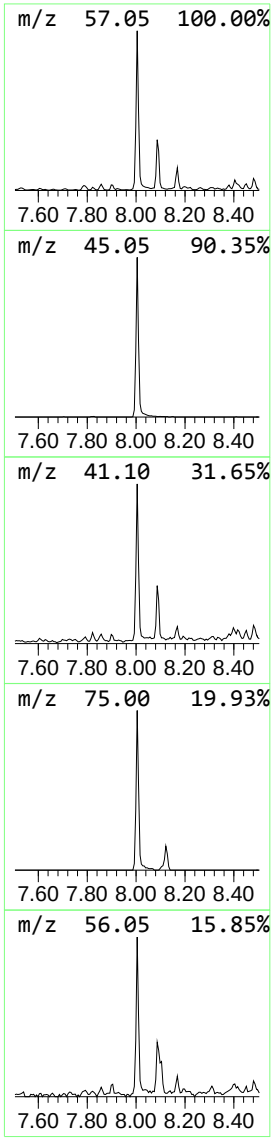
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.004	8.14 ng	530720	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	58
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	50
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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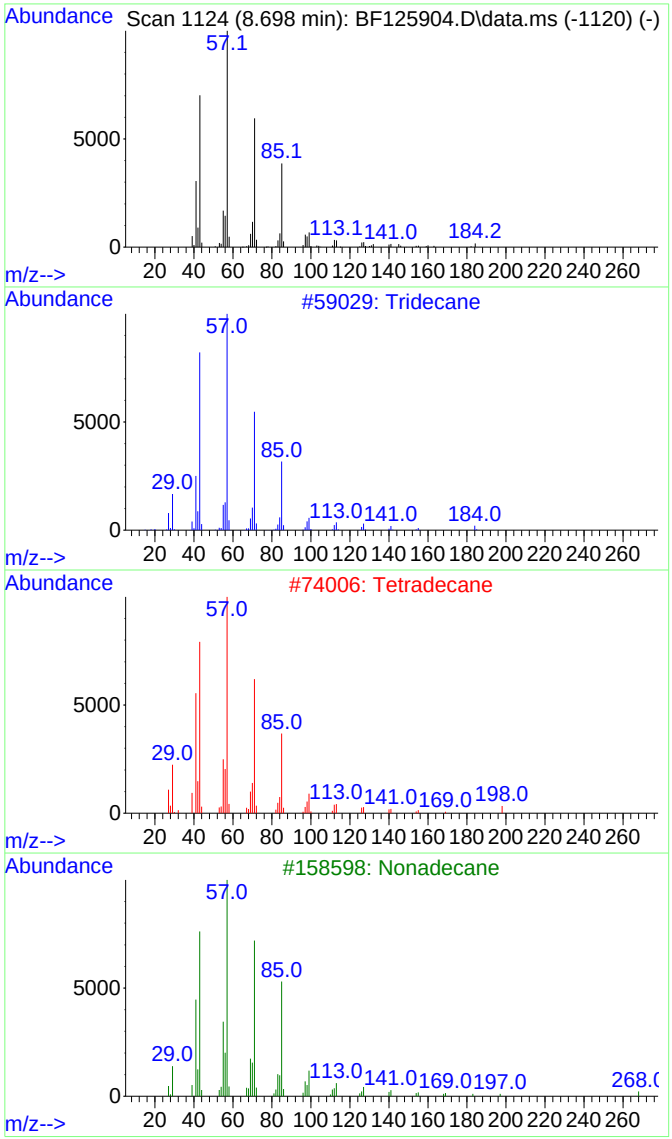
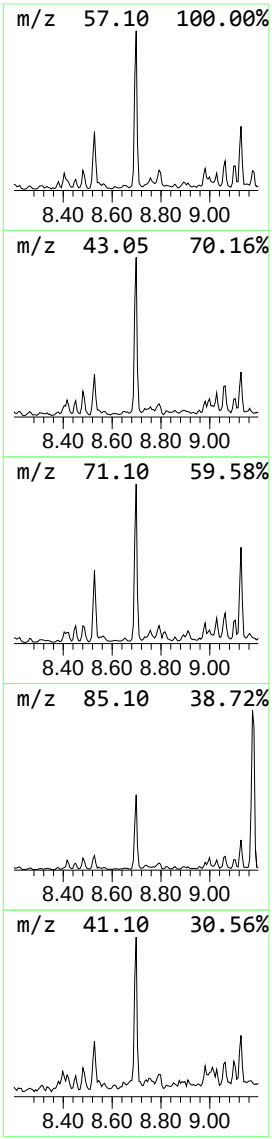
Peak Number 3 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	5.31 ng	346216	Naphthalene-d8	8.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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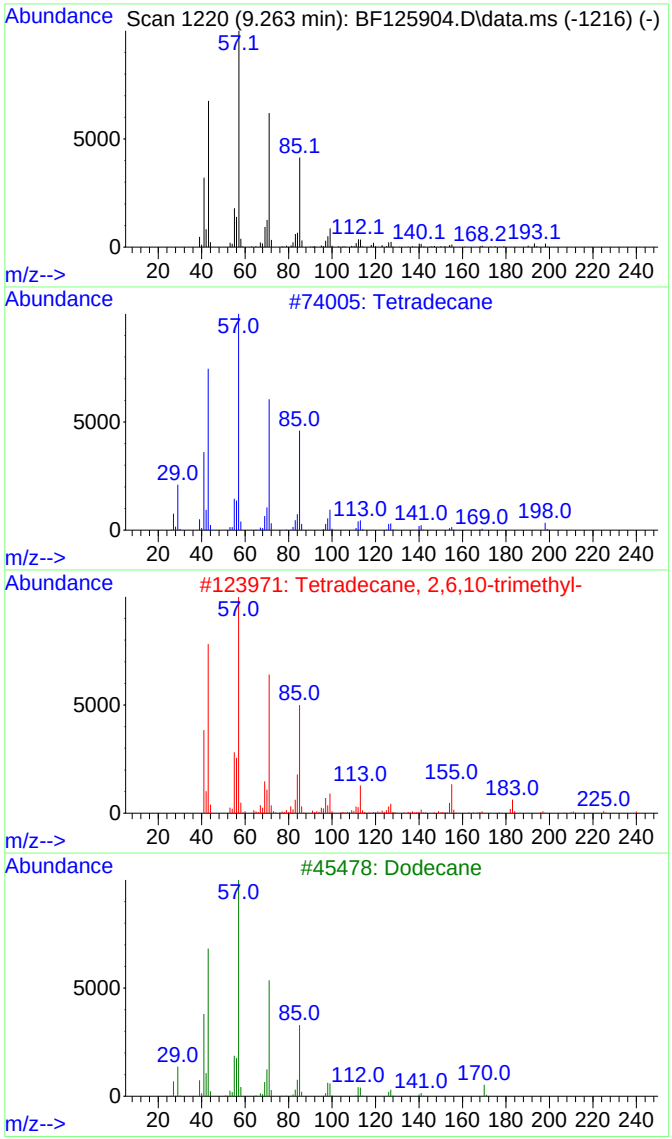
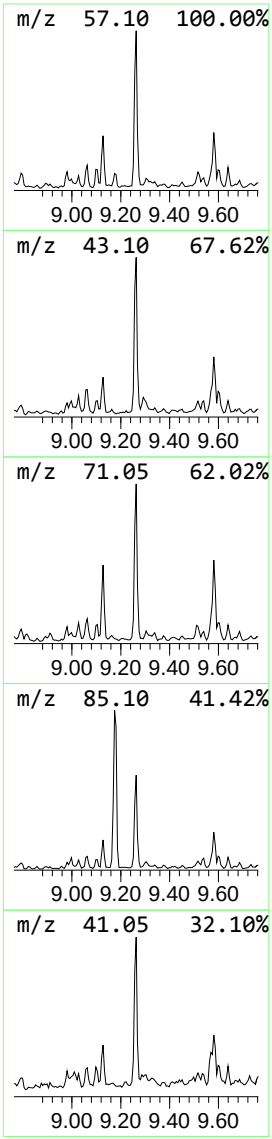
Peak Number 4 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	8.06 ng	507442	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Tridecane	184	C13H28	000629-50-5	72
5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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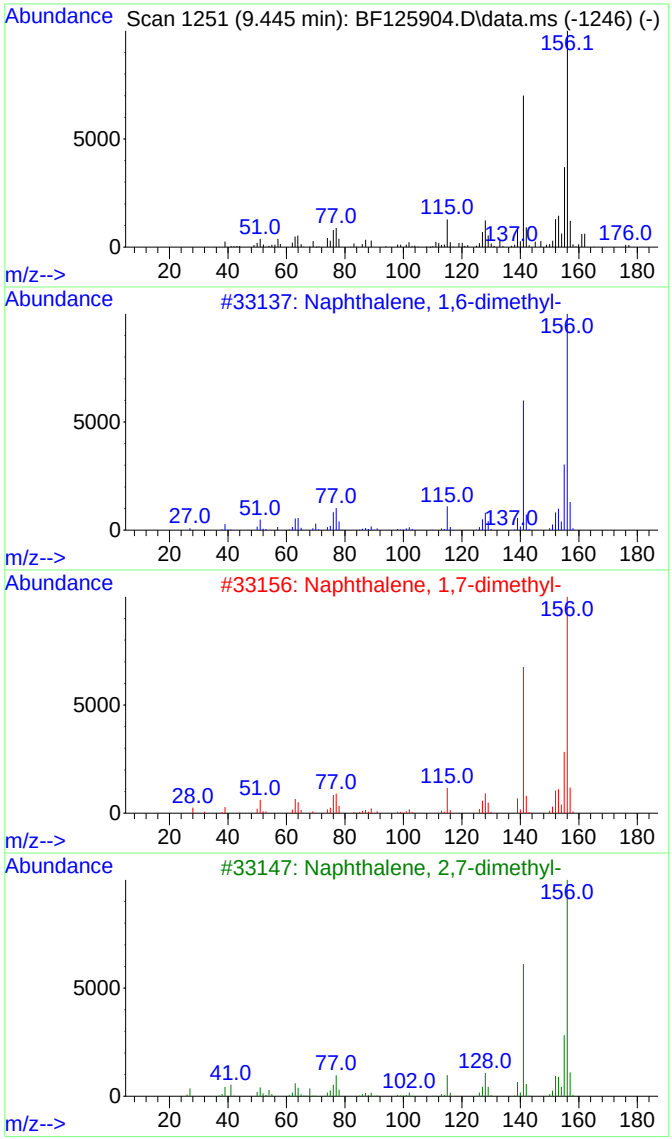
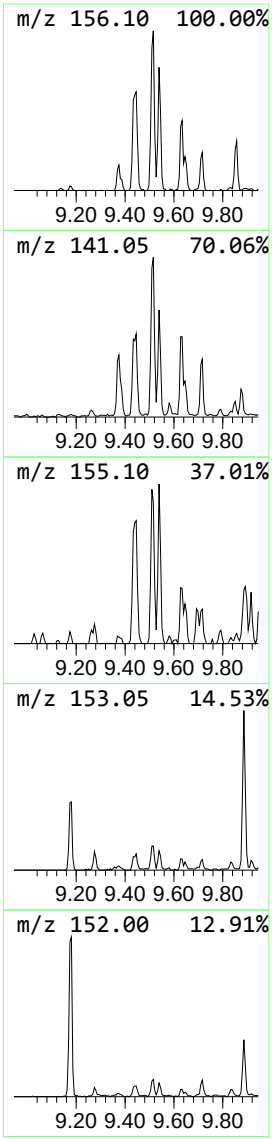
Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	3.64 ng	229279	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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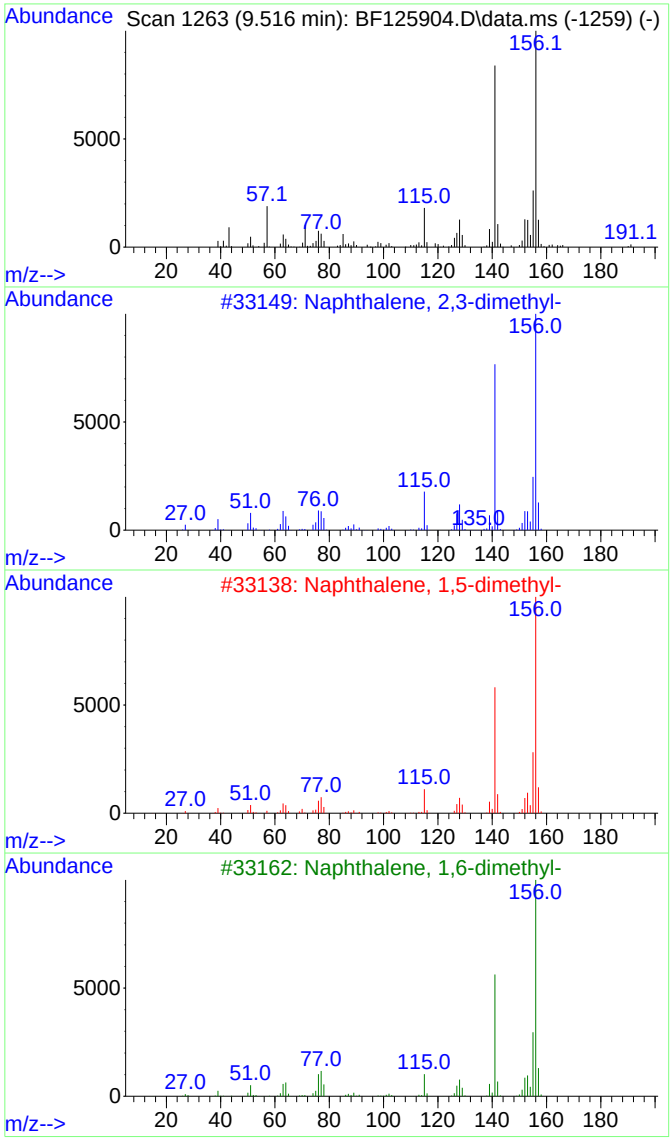
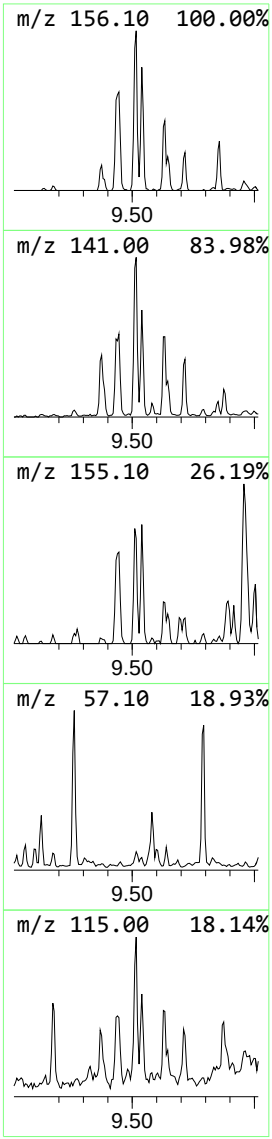
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	4.63 ng	291615	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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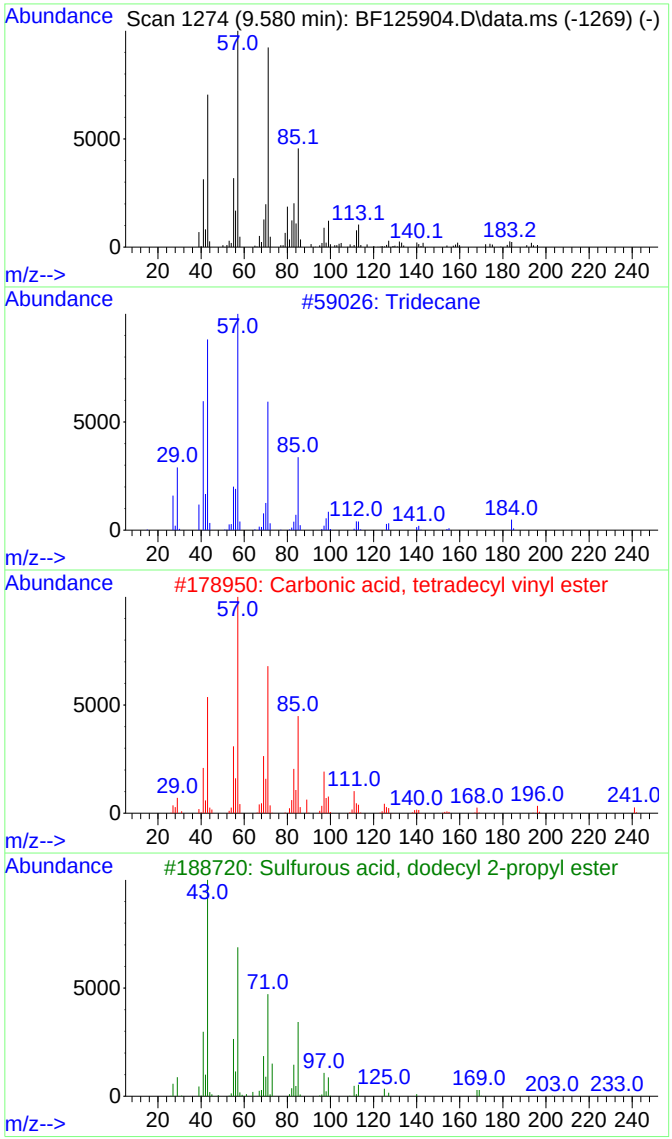
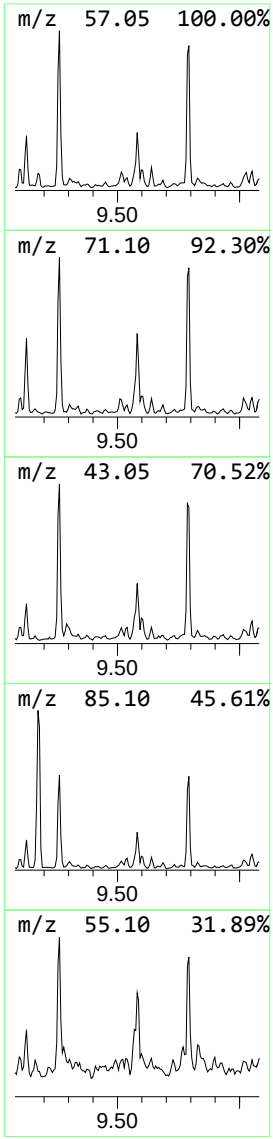
Peak Number 7 Carbonic acid, tetradecyl v... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.580	5.12 ng	322615	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	78
3	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	59





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Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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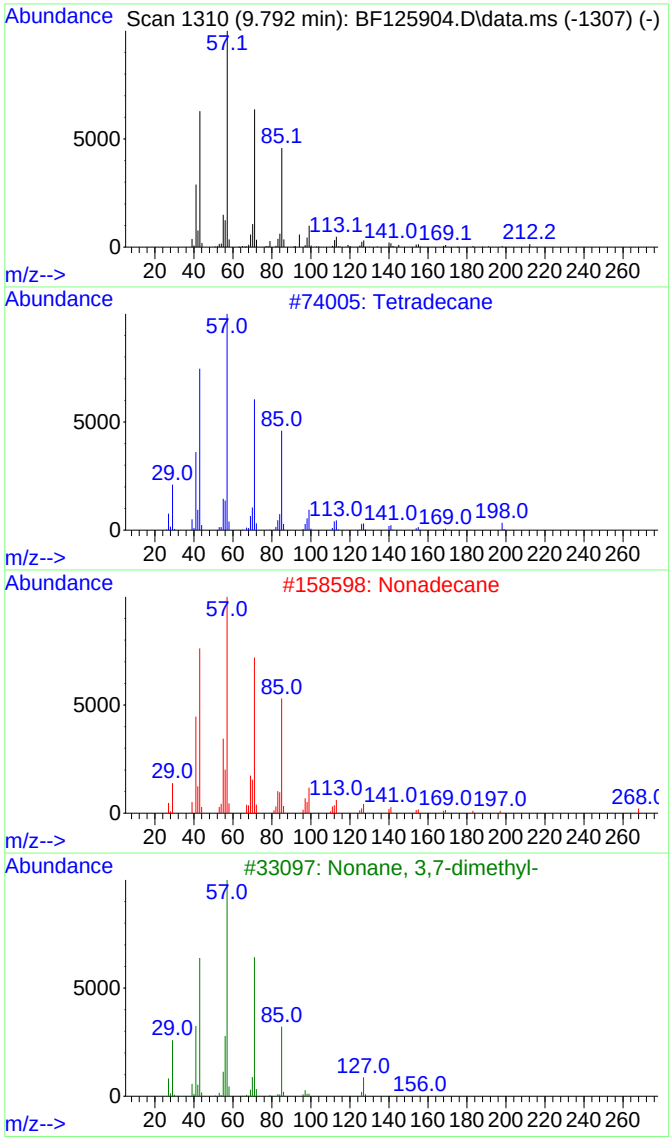
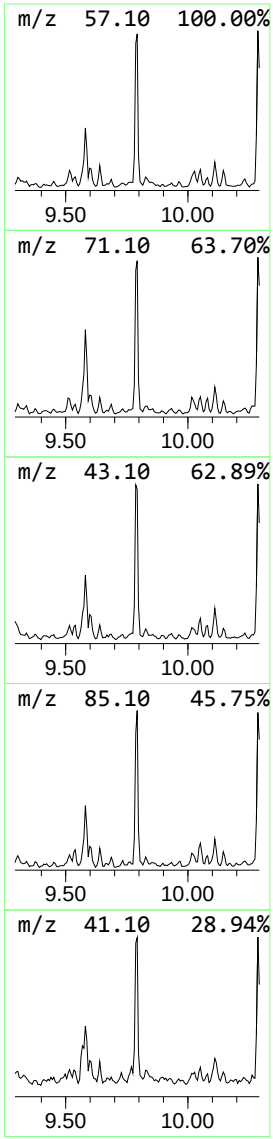
Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	6.51 ng	409922	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Nonadecane	268	C19H40	000629-92-5	72
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	72
5	Dodecane	170	C12H26	000112-40-3	59





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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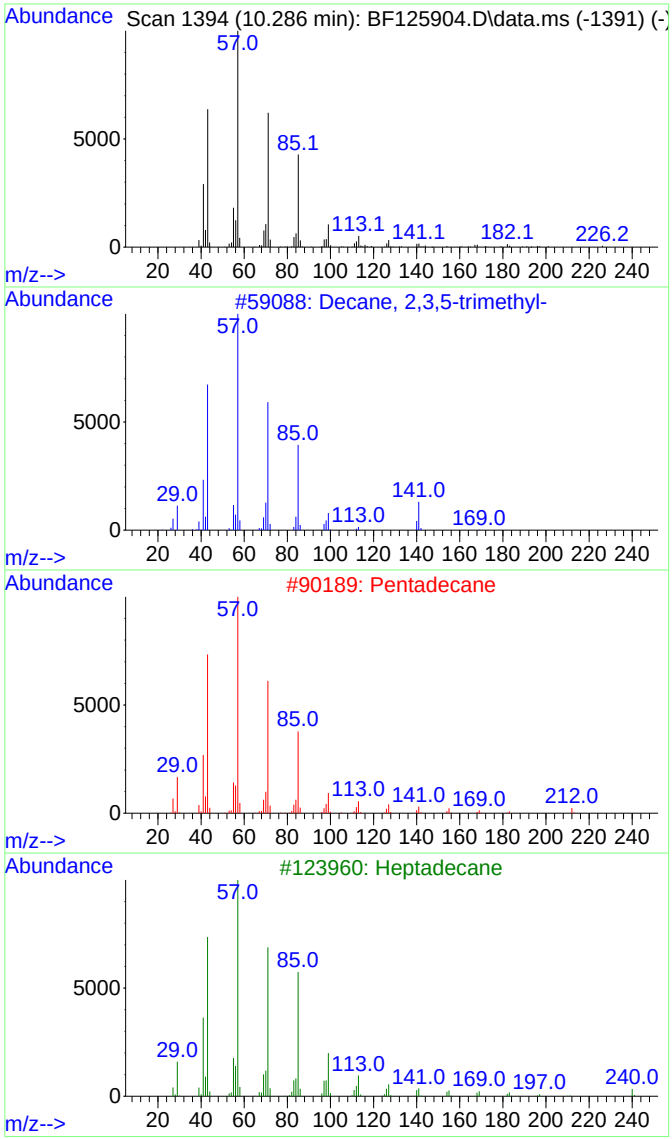
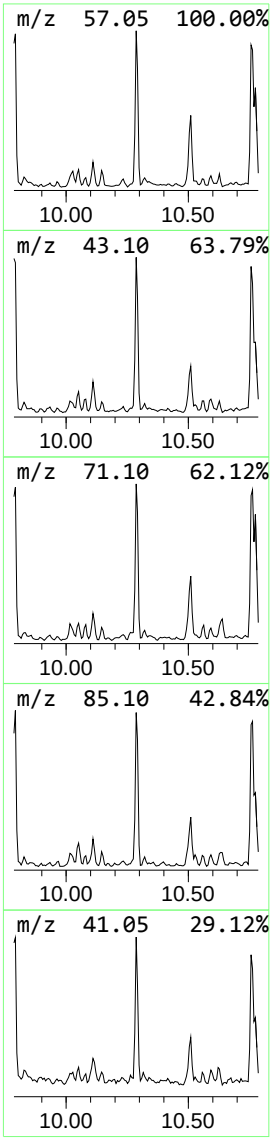
Peak Number 9 Decane, 2,3,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	7.05 ng	443991	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	87





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Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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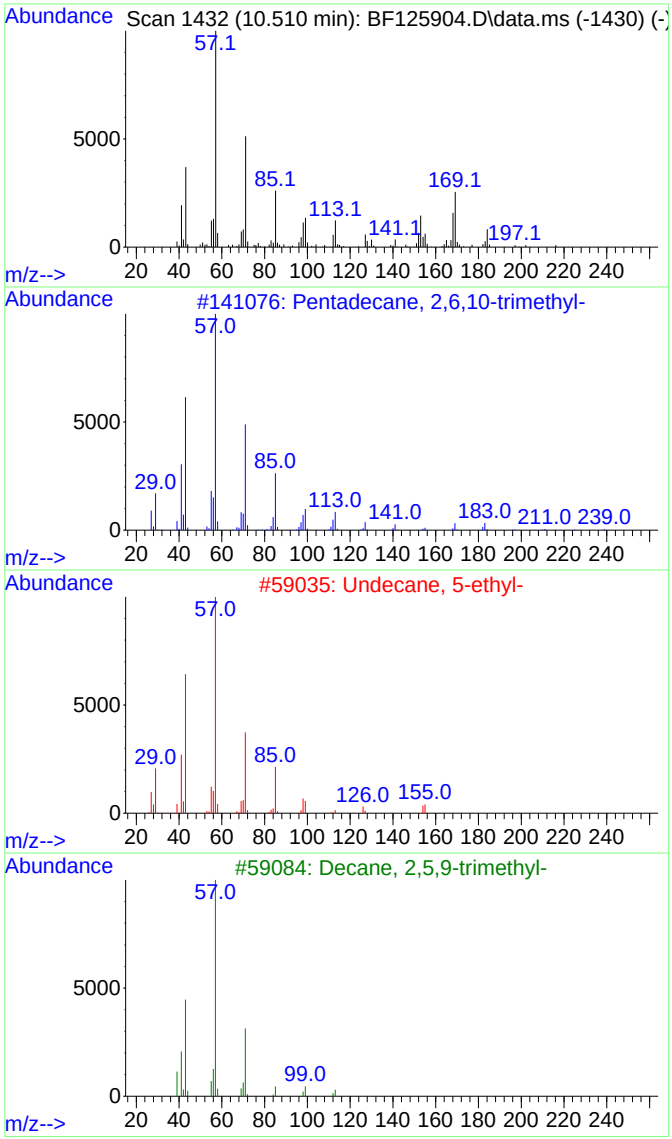
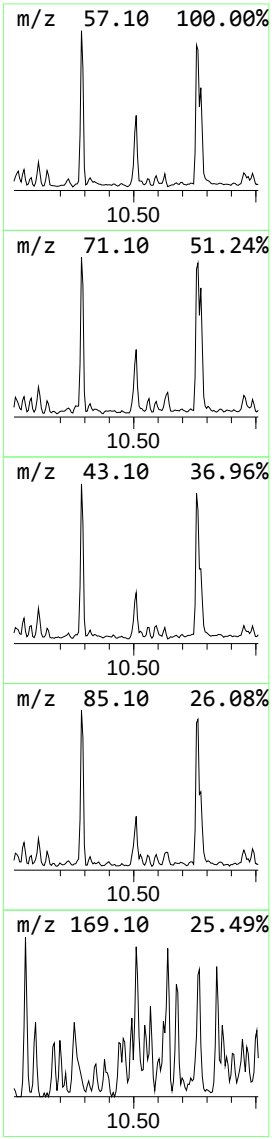
Peak Number 10 Pentadecane, 2,6,10-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	3.65 ng	229517	Acenaphthene-d10	9.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	58
2	Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
4	2,2-Dimethyl-3-octanone	156	C10H20O	005340-64-7	38
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	38





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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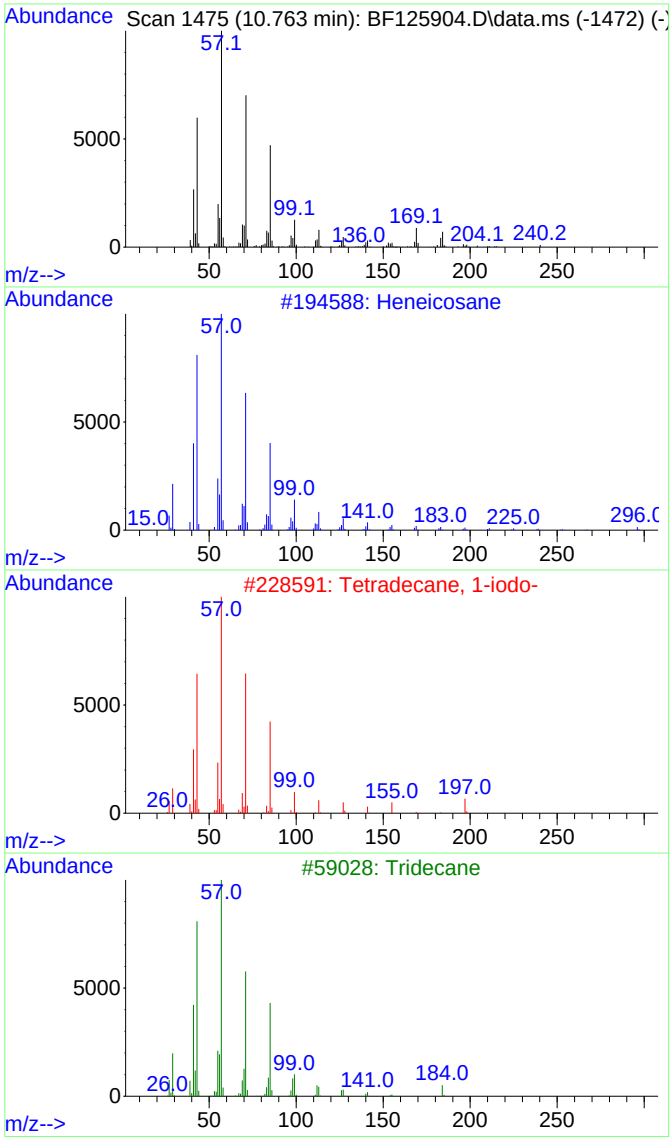
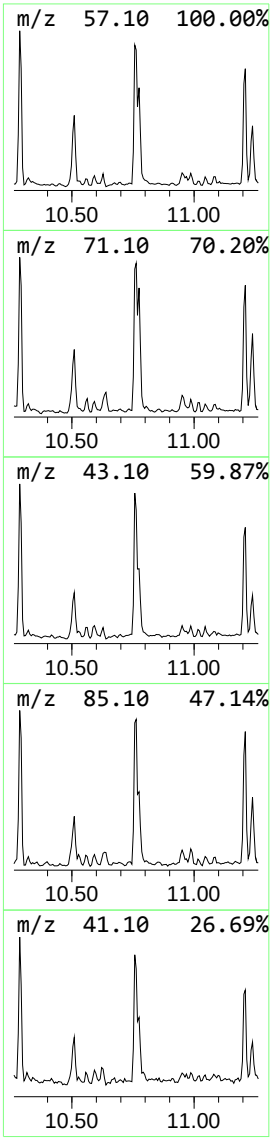
Peak Number 11 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.763	11.76 ng	650884	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	83
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	83
3	Tridecane	184	C13H28	000629-50-5	83
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Octadecane	254	C18H38	000593-45-3	80





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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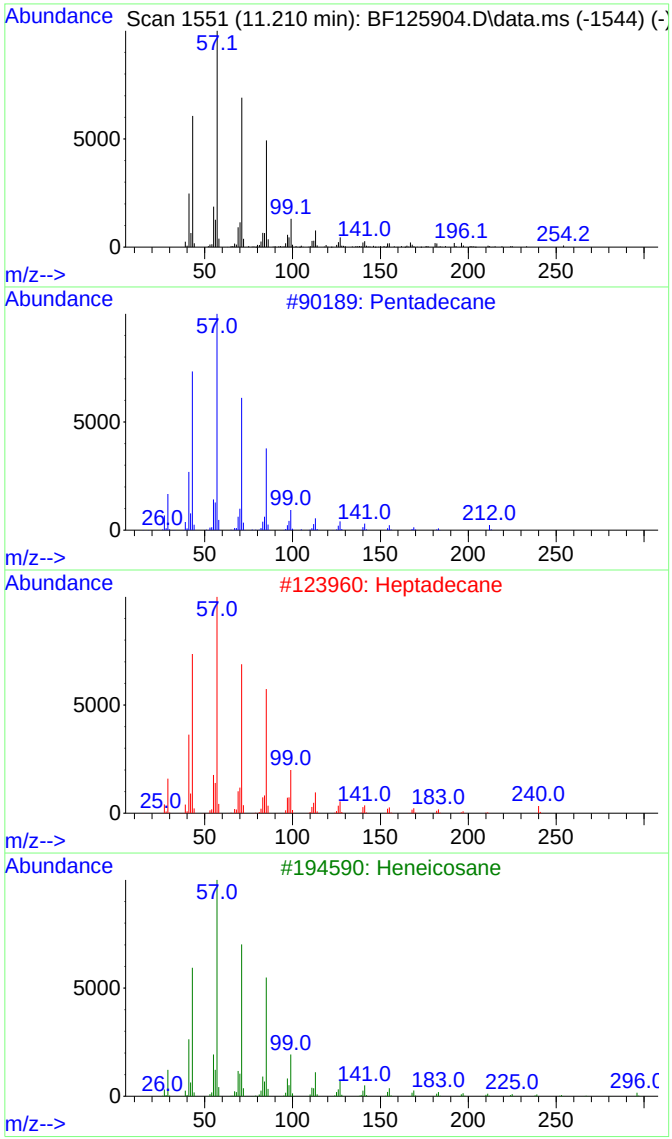
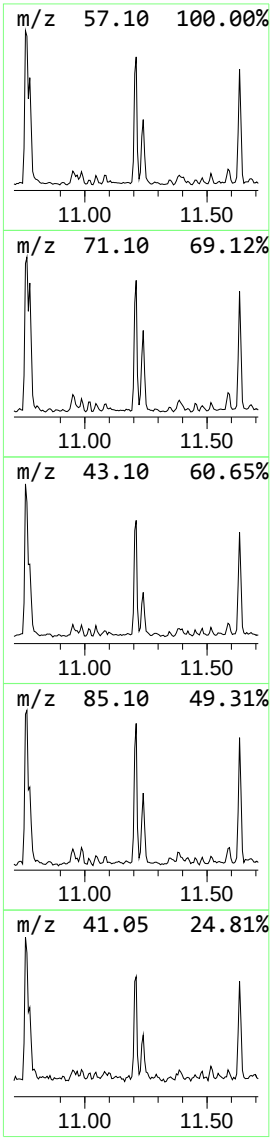
Peak Number 12 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	7.46 ng	412997	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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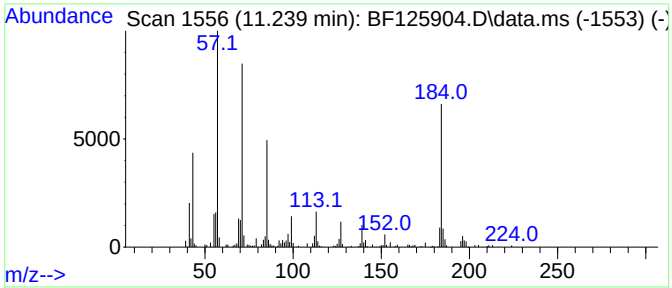
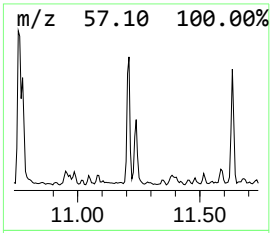
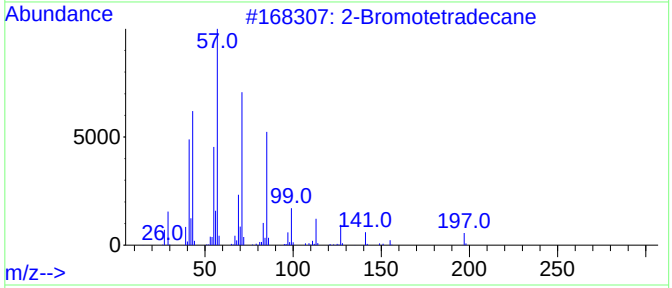
Peak Number 13 2-Bromotetradecane Concentration Rank 11

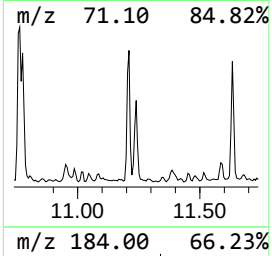
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.239	5.52 ng	305559	Phenanthrene-d10	11.339

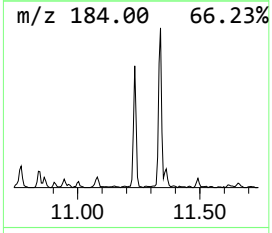
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	52
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	52
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	50
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	50

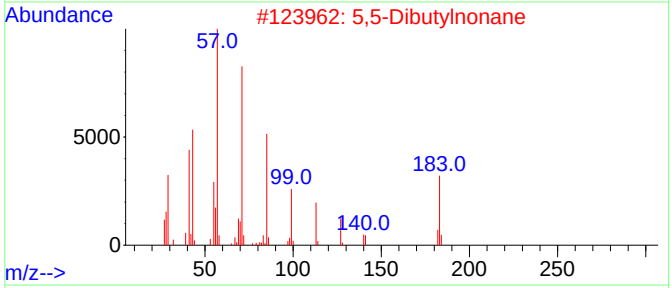


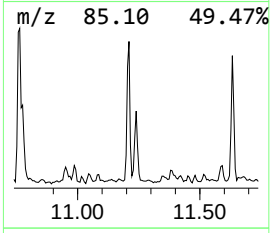


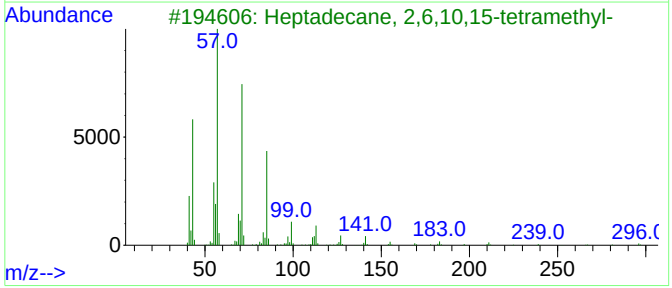


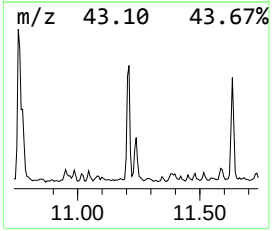












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Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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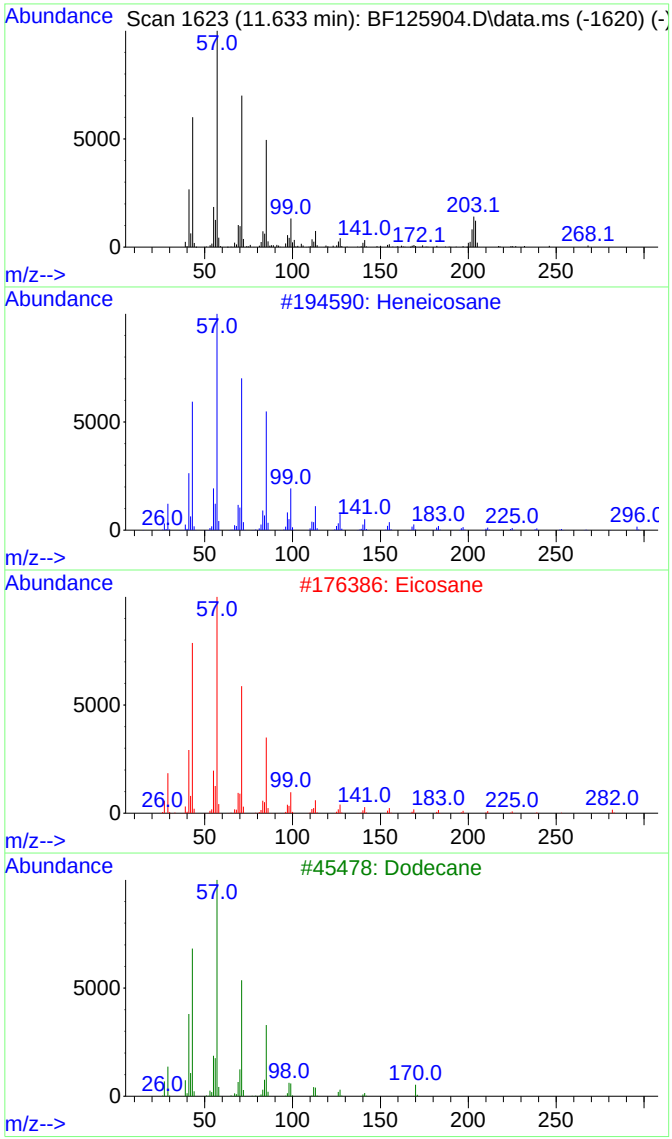
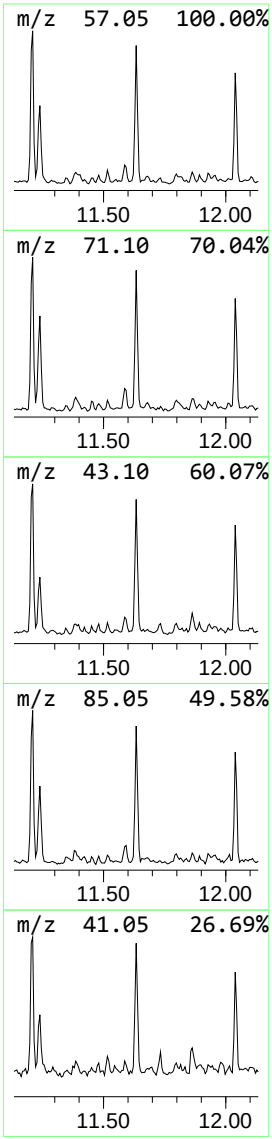
Peak Number 14 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	5.11 ng	282683	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	74
2	Eicosane	282	C20H42	000112-95-8	72
3	Dodecane	170	C12H26	000112-40-3	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Nonadecane	268	C19H40	000629-92-5	72





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Misc :
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Instrument : BNA_F
ClientSampleId : WC-2-CS

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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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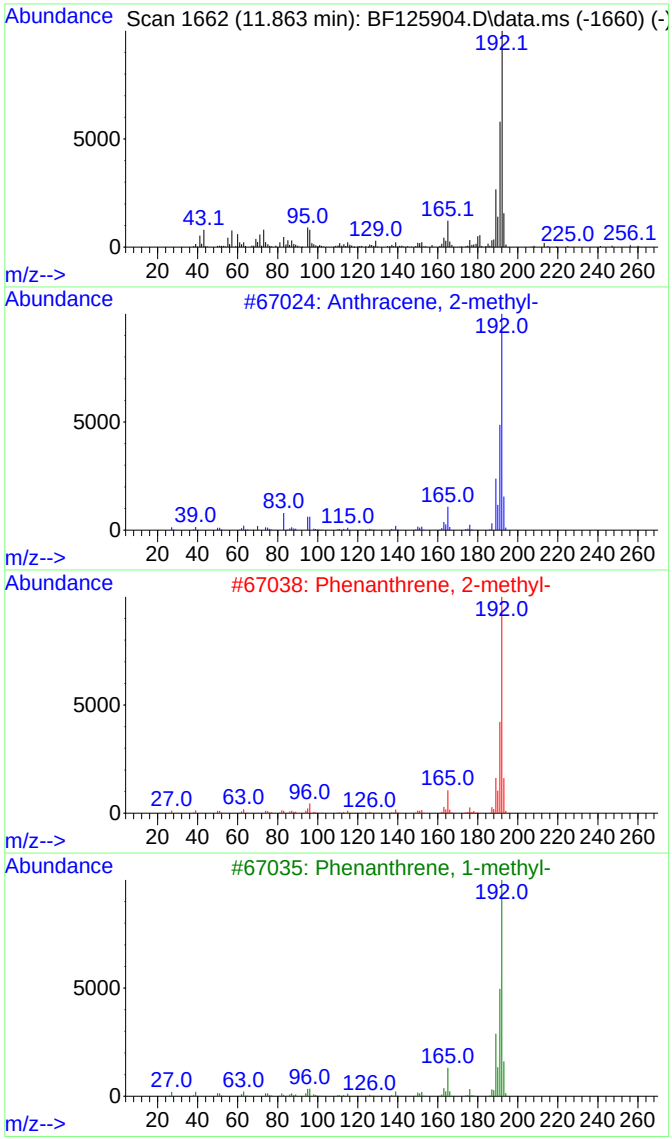
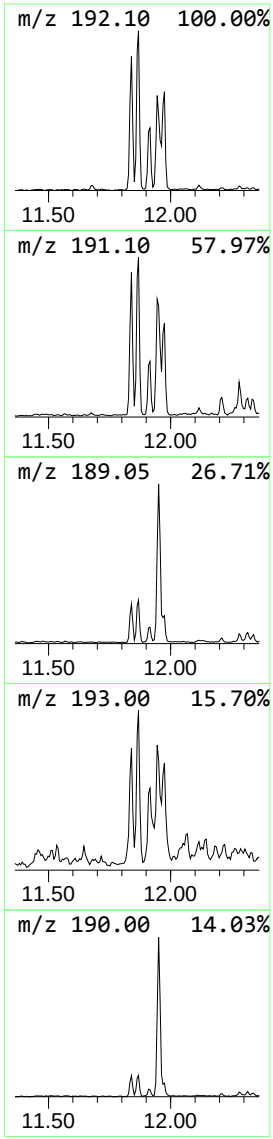
Peak Number 15 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	5.72 ng	316745	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

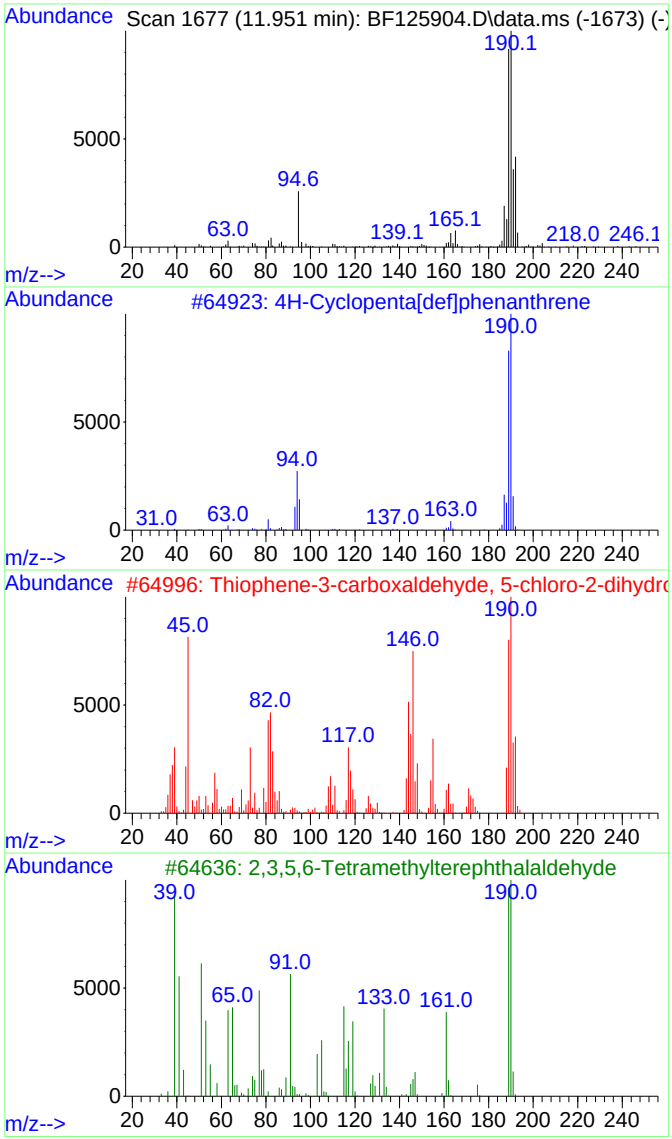
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

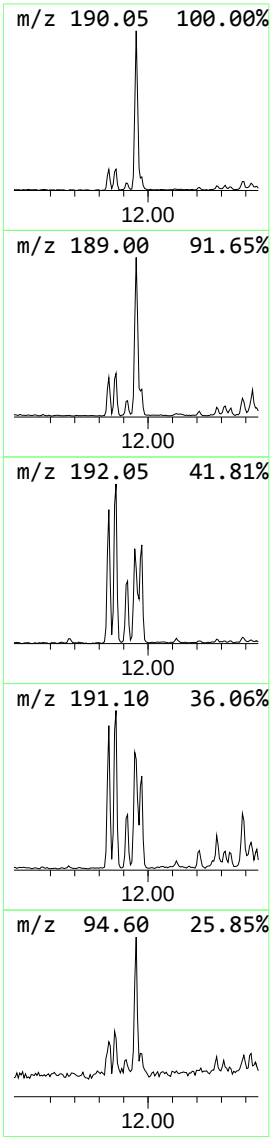
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	7.93 ng	438960	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





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Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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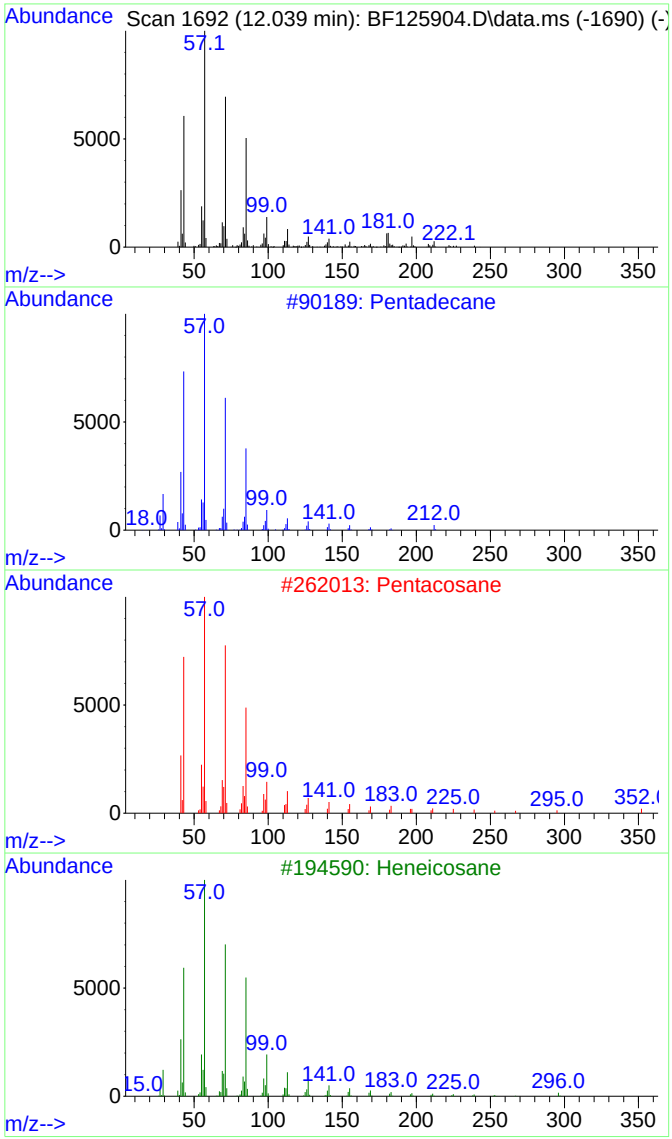
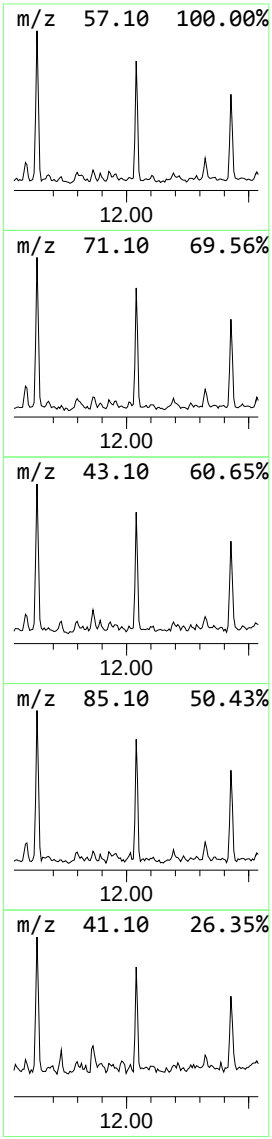
Peak Number 17 Pentacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	4.03 ng	222969	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Pentacosane	352	C25H52	000629-99-2	81
3	Heneicosane	296	C21H44	000629-94-7	76
4	Heptadecane	240	C17H36	000629-78-7	74
5	Tetradecane	198	C14H30	000629-59-4	74





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Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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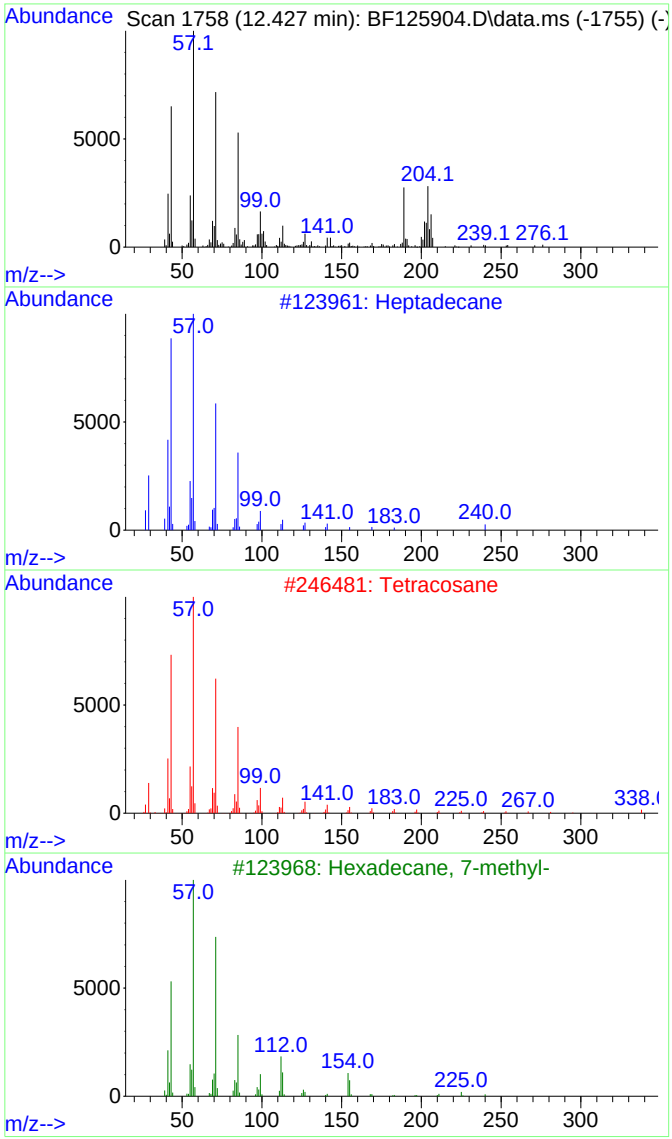
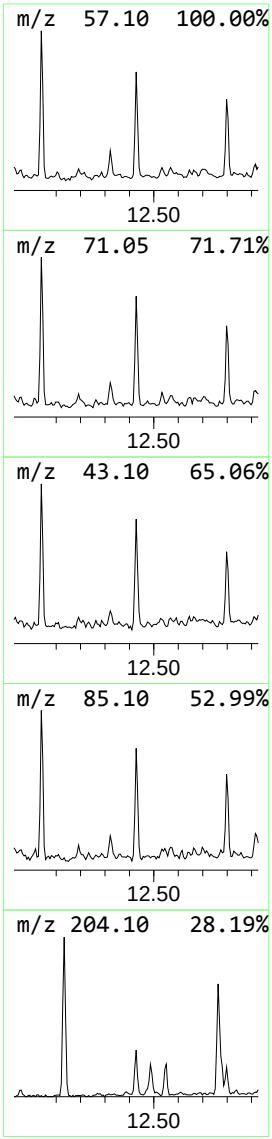
Peak Number 18 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.427	5.74 ng	317938	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tetracosane	338	C24H50	000646-31-1	53
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	50
4	Heneicosane	296	C21H44	000629-94-7	49
5	Octadecane	254	C18H38	000593-45-3	49





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Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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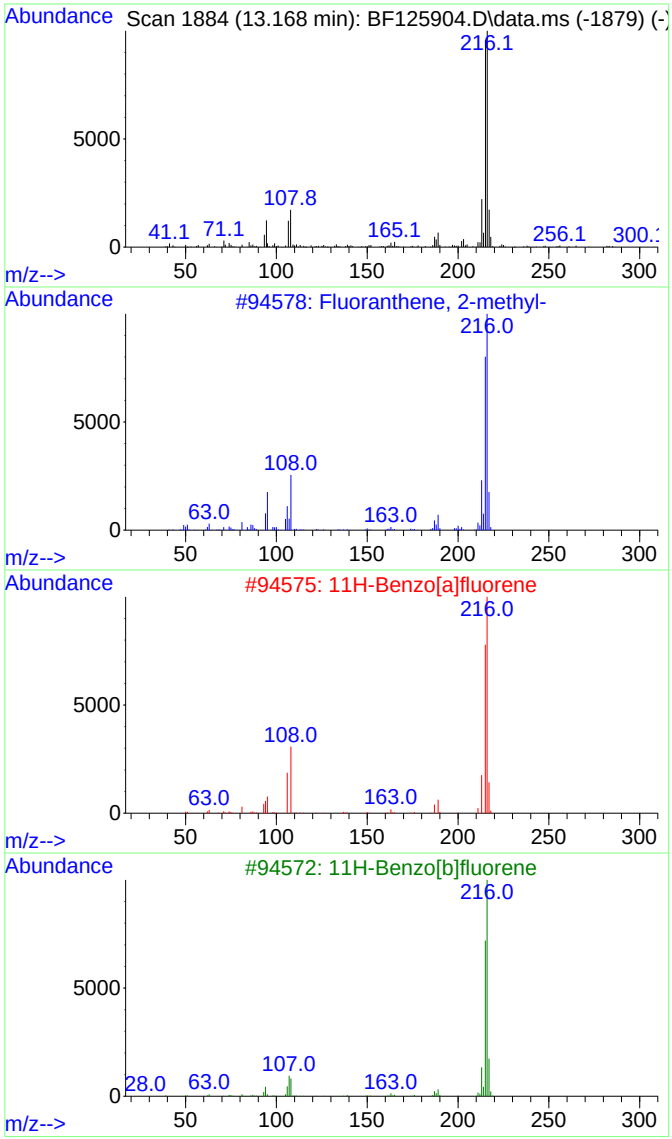
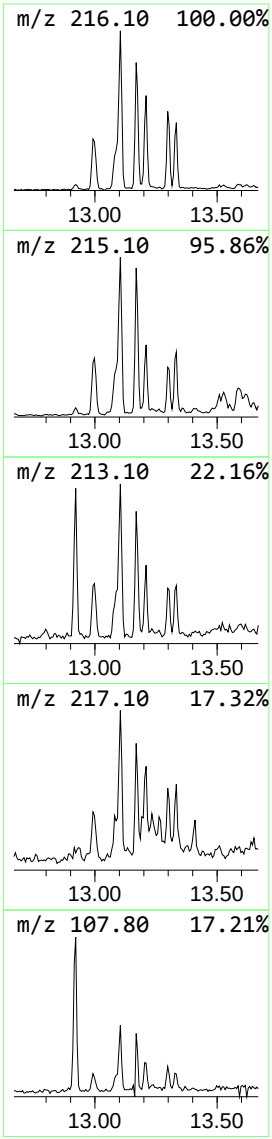
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	3.51 ng	261609	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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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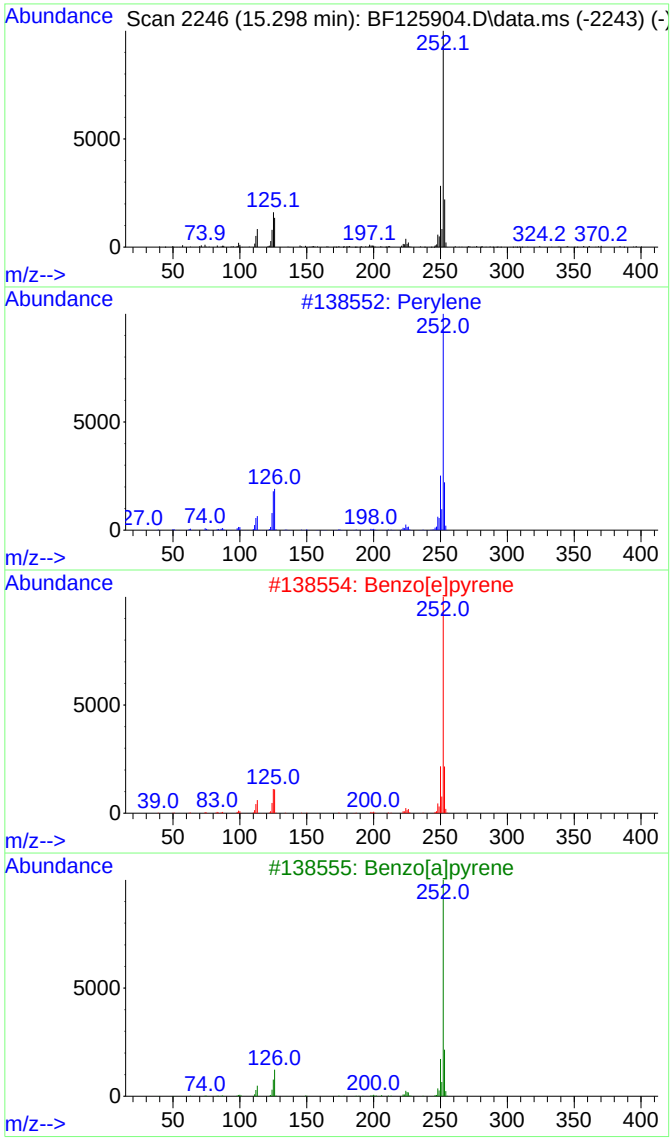
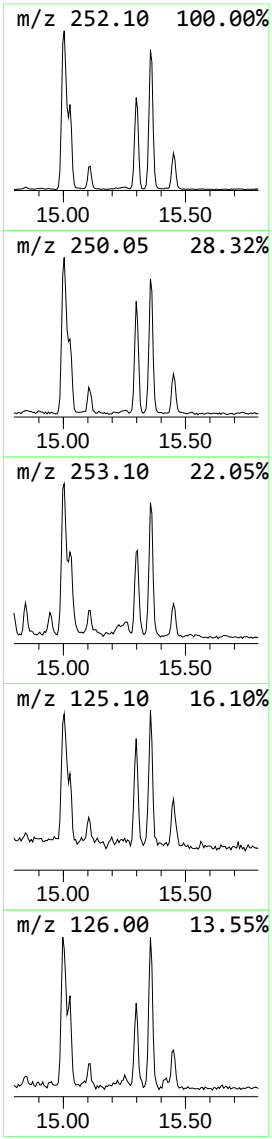
Peak Number 20 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	7.99 ng	293534	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101921\
Data File : BF125904.D
Acq On : 19 Oct 2021 17:23
Operator : JU/CG
Sample : M4274-04
Misc :
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Instrument : BNA_F
ClientSampleId : WC-2-CS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.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
unknown6.651	6.651	3.8	ng	147670	1	6.822	774204	20.0
Ethanol, 2-(2-b...	8.004	8.1	ng	530720	2	8.104	1303270	20.0
Tridecane	8.698	5.3	ng	346216	2	8.104	1303270	20.0
Tetradecane	9.263	8.1	ng	507442	3	9.857	1259200	20.0
Naphthalene, 1,...	9.445	3.6	ng	229279	3	9.857	1259200	20.0
Naphthalene, 2,...	9.516	4.6	ng	291615	3	9.857	1259200	20.0
Carbonic acid, ...	9.580	5.1	ng	322615	3	9.857	1259200	20.0
Nonadecane	9.792	6.5	ng	409922	3	9.857	1259200	20.0
Decane, 2,3,5-t...	10.286	7.0	ng	443991	3	9.857	1259200	20.0
Pentadecane, 2,...	10.510	3.6	ng	229517	3	9.857	1259200	20.0
Heneicosane	10.763	11.8	ng	650884	4	11.339	1106870	20.0
Pentadecane	11.210	7.5	ng	412997	4	11.339	1106870	20.0
2-Bromotetradecane	11.239	5.5	ng	305559	4	11.339	1106870	20.0
Eicosane	11.633	5.1	ng	282683	4	11.339	1106870	20.0
Anthracene, 2-m...	11.863	5.7	ng	316745	4	11.339	1106870	20.0
4H-Cyclopenta[d...	11.951	7.9	ng	438960	4	11.339	1106870	20.0
Pentacosane	12.039	4.0	ng	222969	4	11.339	1106870	20.0
Heptadecane	12.427	5.7	ng	317938	4	11.339	1106870	20.0
Fluoranthene, 2...	13.169	3.5	ng	261609	5	13.974	1488670	20.0
Perylene	15.298	8.0	ng	293534	6	15.421	734956	20.0