LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125831.D
Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221

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: BF125831.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.457	564	573	576	rBV	2703100	2465975	54.45%	3.349%
2	6.469	738	745	748	rBV	2638613	2356005	52.02%	3.200%
3	6.686	777	782	784	rBV4	87935	143621	3.17%	0.195%
4	6.845	805	809	811	rBV	1270734	1020988	22.54%	1.387%
5	6.975	827	831	833	rVV	107167	154889	3.42%	0.210%
6	7.404	894	904	906	rBV	1571207	1684101	37.18%	2.287%
7	7.492	915	919	922	rVB4	135500	198653	4.39%	0.270%
8	7.545	922	928	932	rBV5	63288	150815	3.33%	0.205%
9	7.769	964	966	970	rVB3	151255	138702	3.06%	0.188%
10	7.869	980	983	988	rBV6	90227	149516	3.30%	0.203%
11	8.028	1007	1010	1015	rVV	223446	231958	5.12%	0.315%
12	8.122	1022	1026	1028	rVV	1503562	1480680	32.69%	2.011%
13	8.145	1028	1030	1033	rVV	711959	575024	12.70%	0.781%
14	8.192	1033	1038	1040	rVB	223745	270545	5.97%	0.367%
15	8.422	1071	1077	1079	rBV4	162986	198500	4.38%	0.270%
16	8.551	1095	1099	1101	rBV	462526	374746	8.27%	0.509%
17	8.716	1124	1127	1130	rBV2	143947	143639	3.17%	0.195%
18	8.786	1132	1139	1141	rVV8	106834	229065	5.06%	0.311%
19	8.816	1141	1144	1145	rVV3	150356	139968	3.09%	0.190%
20	8.839	1145	1148	1151	rVB	640555	534862	11.81%	0.726%
21	8.933	1161	1164	1169	rVV	620237	530915	11.72%	0.721%
22	9.151	1198	1201	1205	rBV	474015	423616	9.35%	0.575%
23	9.198	1205	1209	1212	rBV	3513010	2672519	59.01%	3.629%
24	9.280	1220	1223	1228	rBV4	240797	348514	7.69%	0.473%
25	9.398	1240	1243	1247	rVB2	158249	183963	4.06%	0.250%
26	9.469	1250	1255	1258	rVB	299015	436564	9.64%	0.593%
27	9.533	1264	1266	1269	rBV	482876	439149	9.70%	0.596%
28	9.563	1269	1271	1273	rVB	432772	295854	6.53%	0.402%
29	9.604	1273	1278	1280	rBV4	679501	633940	14.00%	0.861%
30	9.651	1284	1286	1291	rBV	235315	241016	5.32%	0.327%
31	9.739	1298	1301	1305	rVB	1029274	853494	18.84%	1.159%
32	9.857	1318	1321	1322	rBV2	231696	216068	4.77%	0.293%
33	9.874	1322	1324	1327	rVV	1496681	1317522	29.09%	1.789%
34	9.910	1327	1330	1333	rVV	475611	410709	9.07%	0.558%
35	9.986	1340	1343	1346	rVB2	127511	152108	3.36%	0.207%
36	10.080	1355	1359	1362	rVV	575222	488101	10.78%	0.663%

LSC Area Percent Report

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Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221

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	10.192	1375	1378	1381	rBV2	187137	197695	4.36%	0.268%
38	10.286	1390	1394	1396	rBV4	175298	227372	5.02%	0.309%
39	10.421	1414	1417	1423	rVB	1021524	980981	21.66%	1.332%
40	10.533	1430	1436	1441	rBV	466894	520274	11.49%	0.707%
41	10.580	1441	1444	1447	rVV	193553	158208	3.49%	0.215%
42	10.663	1453	1458	1462	rBV	1872235	1629586	35.98%	2.213%
43	10.798	1476	1481	1484	rBV2	587273	723924	15.98%	0.983%
44	10.969	1506	1510	1513	rBV2	230399	291717	6.44%	0.396%
45	10.998	1513	1515	1519	rVV2	234109	230087	5.08%	0.312%
46	11.263	1556	1560	1566	rVB2	610061	685682	15.14%	0.931%
47	11.363	1574	1577	1579	rBV	1438545	1353396	29.88%	1.838%
48	11.386	1579	1581	1584	rVV	3555069	2888423	63.77%	3.923%
49	11.439	1587	1590	1592	rVB	925250	808643	17.85%	1.098%
50	11.468	1592	1595	1598	rBV2	197938	217886	4.81%	0.296%
51	11.586	1613	1615	1617	rBV	223714	174330	3.85%	0.237%
52	11.657	1625	1627	1629	rVB2	226825	161896	3.57%	0.220%
53	11.692	1631	1633	1639	rVB2	203550	215138	4.75%	0.292%
54	11.863	1659	1662	1664	rBV	656641	557438	12.31%	0.757%
55	11.892	1664	1667	1672	rVB	962609	876729	19.36%	1.191%
56	11.939	1672	1675	1677	rBV	316966	279194	6.16%	0.379%
57	11.974	1678	1681	1684	rVV	1267658	1471430	32.49%	1.998%
58	11.998	1684	1685	1689	rVB	580549	335886	7.42%	0.456%
59	12.157	1710	1712	1714	rBV	396383	294430	6.50%	0.400%
60	12.339	1740	1743	1745	rBV2	284965	296715	6.55%	0.403%
61	12.415	1752	1756	1758	rBV	632844	601988	13.29%	0.818%
62	12.451	1758	1762	1767	rVB	549195	773282	17.07%	1.050%
63	12.498	1767	1770	1775	rBV2	252372	412439	9.11%	0.560%
64	12.580	1779	1784	1787	rBV	4045467	3747064	82.73%	5.089%
65	12.621	1788	1791	1793	rBV	213878	221479	4.89%	0.301%
66	12.668	1796	1799	1802	rBV	580227	501663	11.08%	0.681%
67	12.727	1807	1809	1816	rVB5	230389	406925	8.98%	0.553%
68	12.810	1816	1823	1828	rBV	3875964	4529213	100.00%	6.151%
69	12.921	1839	1842	1843	rBV2	201619	168743	3.73%	0.229%
70	12.945	1843	1846	1853	rVB	3093526	2980089	65.80%	4.047%
71	13.021	1855	1859	1862	rBV2	417549	609925	13.47%	0.828%
72	13.110	1871	1874	1875	rBV2	322578	326118	7.20%	0.443%
73	13.133	1875	1878	1881	rVB	994531	935671	20.66%	1.271%
74	13.198	1884	1889	1891	rBV2	837759	831285	18.35%	1.129%
75	13.233	1892	1895	1899	rVB2	576977	563991	12.45%	0.766%
76	13.327	1908	1911	1913	rVB	414679	323776	7.15%	0.440%

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Operator : JU/CG
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221

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

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Peak separation: 5

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

77	13.357	1913	1916	1919	rBV	440974	323489	7.14%	0.439%
78	13.521	1942	1944	1948	rBV2	250195	273254	6.03%	0.371%
79	13.774	1985	1987	1989	rVV	284192	206046	4.55%	0.280%
80	13.798	1989	1991	1995	rVV2	241558	284238	6.28%	0.386%
81	13.851	1997	2000	2009	rVB3	450291	560690	12.38%	0.761%
82	13.992	2020	2024	2028	rBV2	2328252	3313703	73.16%	4.500%
83	14.027	2028	2030	2036	rVB	1912535	1609873	35.54%	2.186%
84	14.104	2041	2043	2047	rVV	190530	153972	3.40%	0.209%
85	14.139	2047	2049	2051	rVV	279320	249333	5.50%	0.339%
86	14.168	2051	2054	2059	rVB4	329624	440165	9.72%	0.598%
87	14.386	2089	2091	2094	rVB	441903	345867	7.64%	0.470%
88	14.421	2094	2097	2099	rVB	267822	255631	5.64%	0.347%
89	14.474	2103	2106	2109	rBV2	357191	377198	8.33%	0.512%
90	14.509	2110	2112	2114	rBV	264034	208790	4.61%	0.284%
91	14.774	2155	2157	2160	rBV2	223983	224454	4.96%	0.305%
92	15.039	2197	2202	2205	rBV	1345109	2204912	48.68%	2.994%
93	15.115	2212	2215	2217	rBV2	215229	228390	5.04%	0.310%
94	15.139	2217	2219	2224	rVB	395689	420731	9.29%	0.571%
95	15.339	2249	2253	2258	rVB	805289	1064767	23.51%	1.446%
96	15.398	2259	2263	2269	rVV	1290457	1583061	34.95%	2.150%
97	15.462	2270	2274	2276	rVV	637807	811007	17.91%	1.101%
98	15.492	2276	2279	2285	rVB3	563634	760586	16.79%	1.033%
99	16.915	2516	2521	2529	rVB2	578006	1113732	24.59%	1.513%
100	17.350	2591	2595	2607	rVB	418760	822702	18.16%	1.117%

Sum of corrected areas: 73633606

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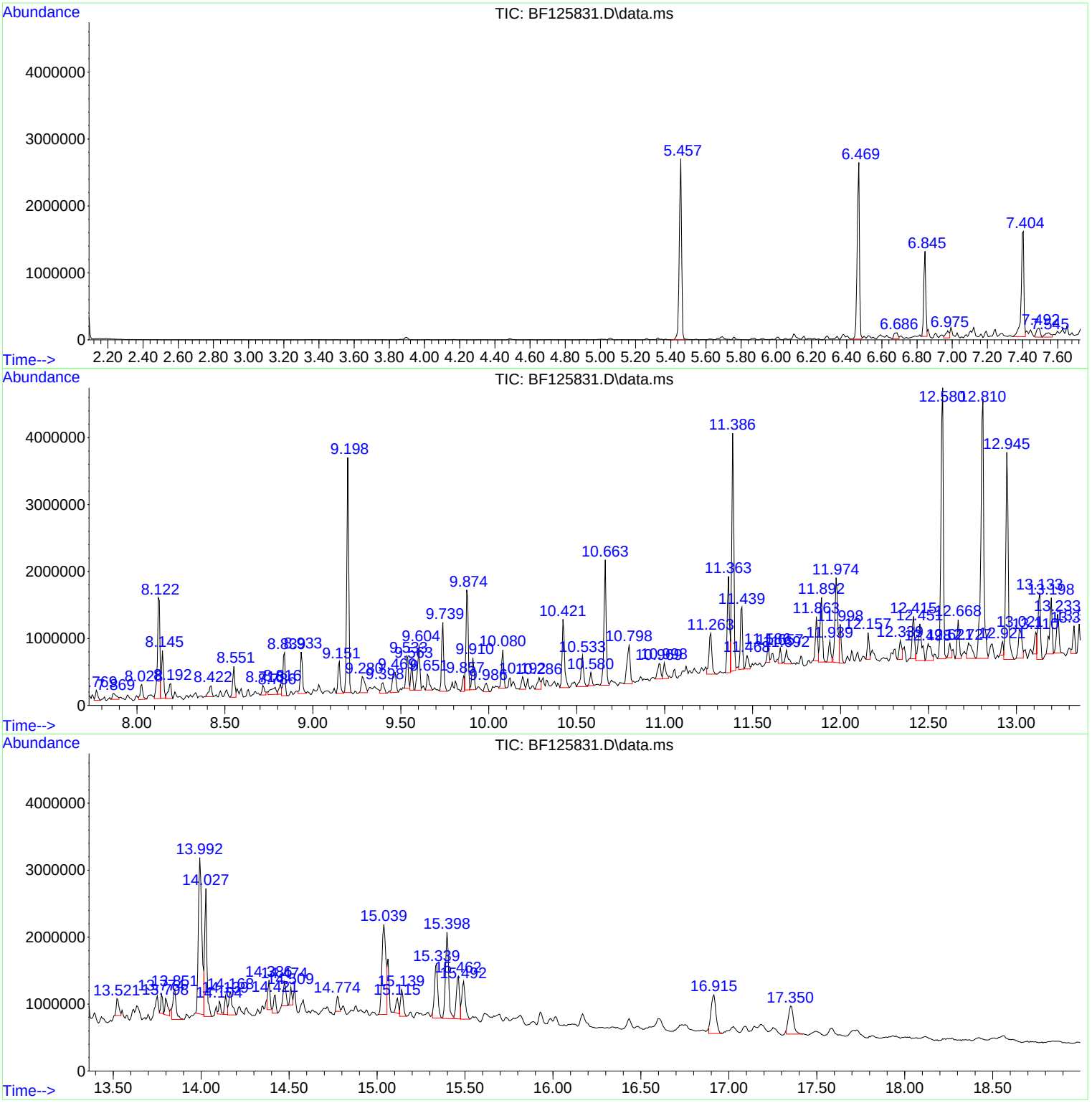
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

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\BF101321\
Data File : BF125831.D
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Instrument : BNA_F
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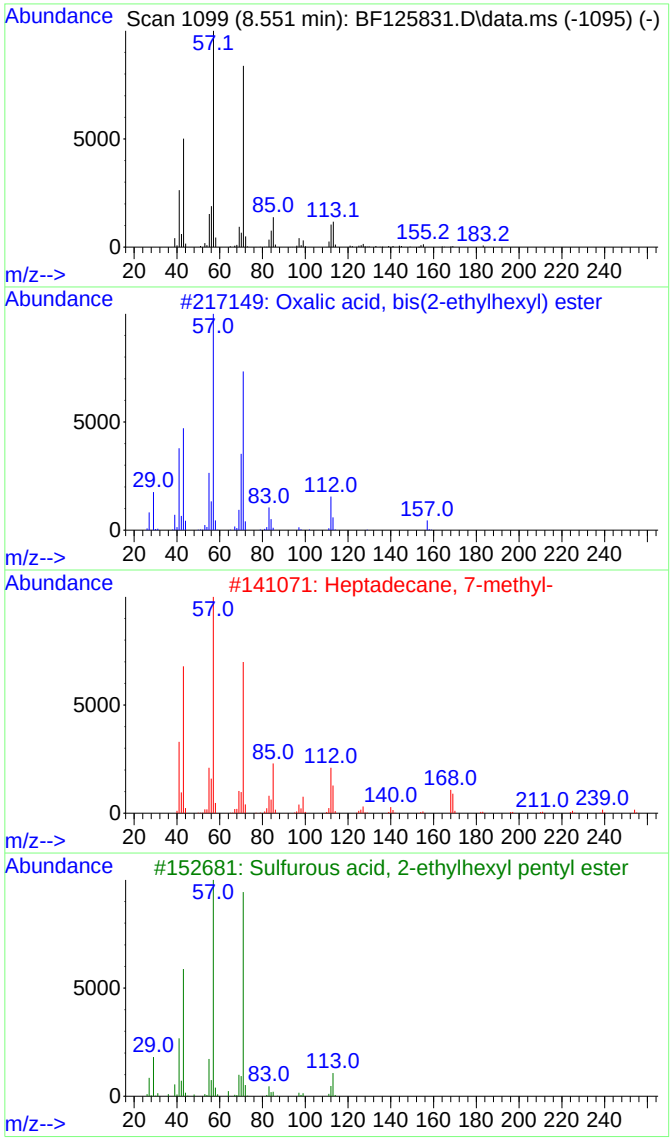
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

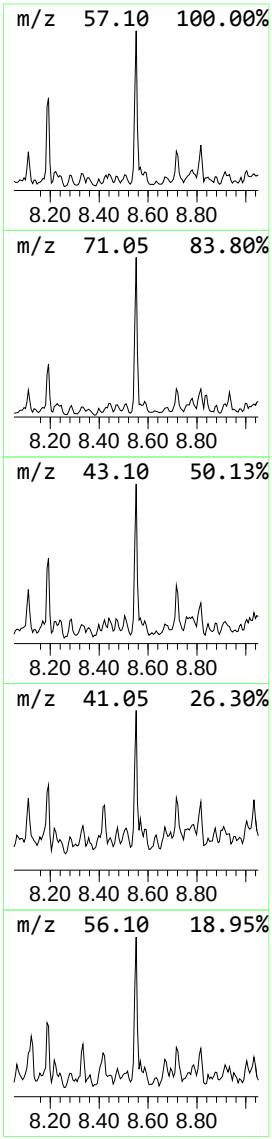
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Oxalic acid, bis(2-ethylhex... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.551	5.06 ng	374746	Naphthalene-d8	8.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	72
2	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
3	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72
4	Hexadecane	226	C16H34	000544-76-3	59
5	Octane, 2-iodo-	240	C8H17I	000557-36-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125831.D
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Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

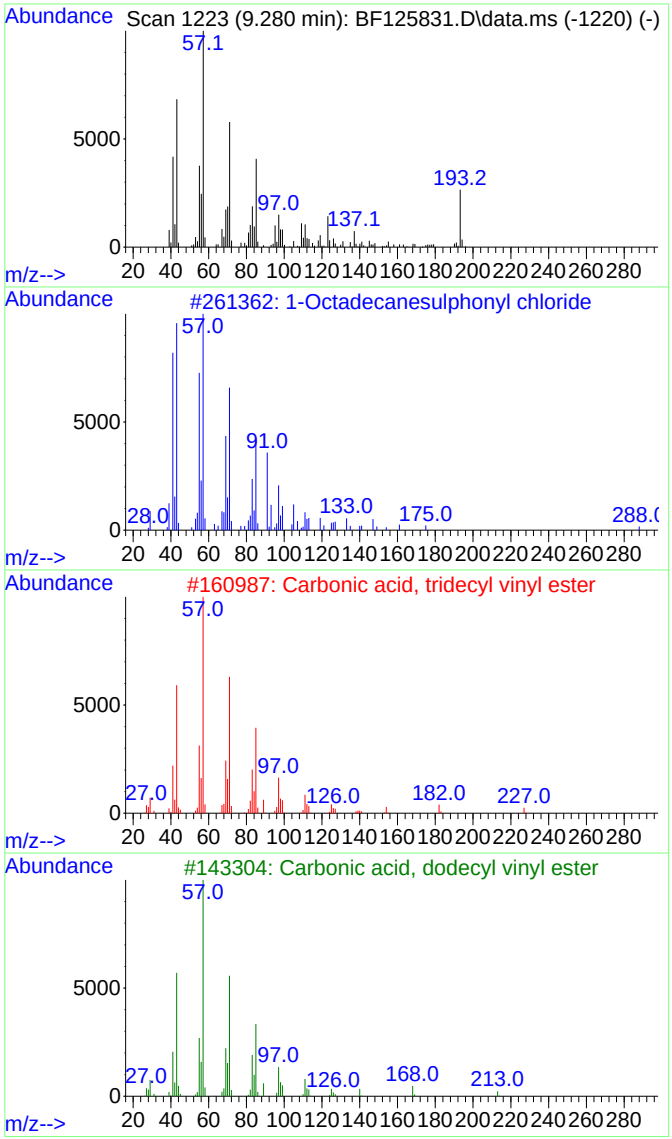
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

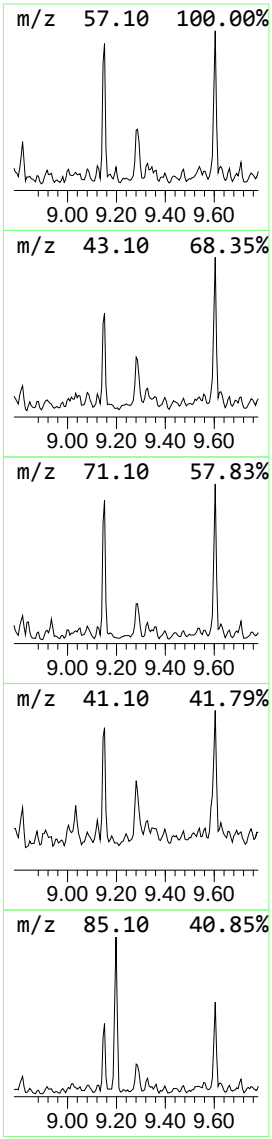
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Octadecanesulphonyl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.280	5.29 ng	348514	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	58
2	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	52
3	Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	52
4	Carbonic acid, decyl vinyl ester	228	C13H24O3	1000383-25-7	52
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	52





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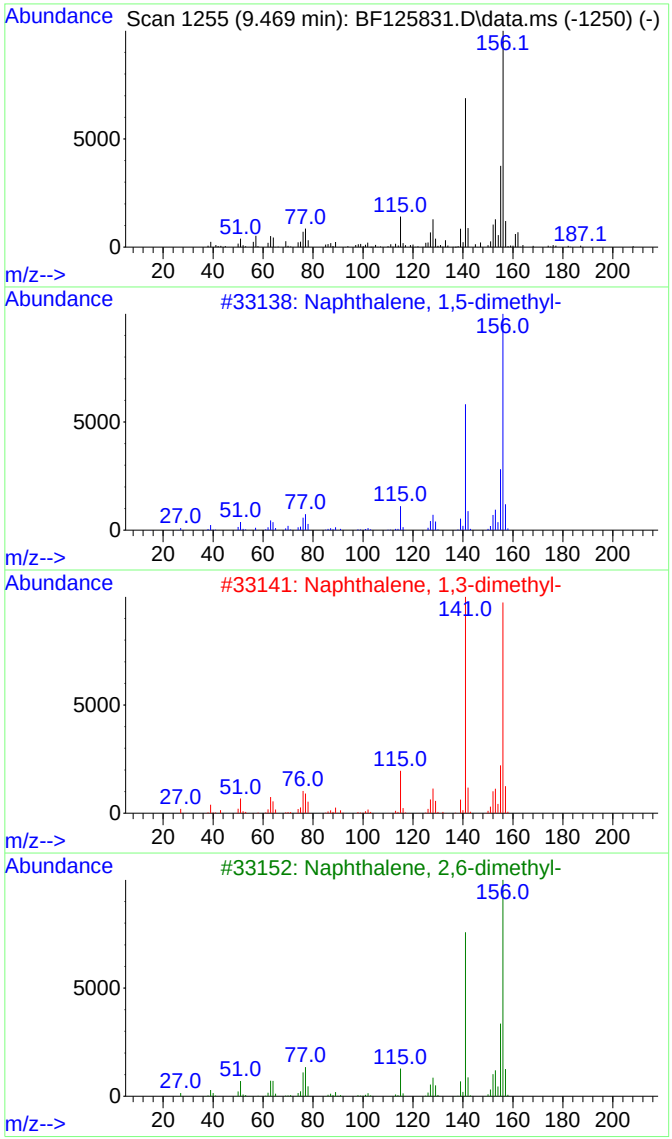
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

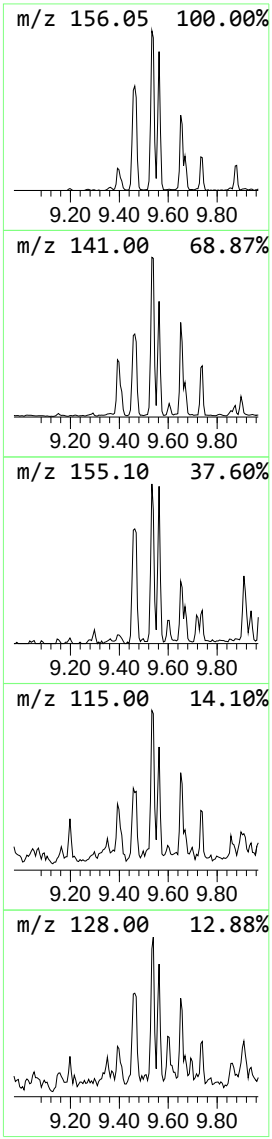
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.469	6.63 ng	436564	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

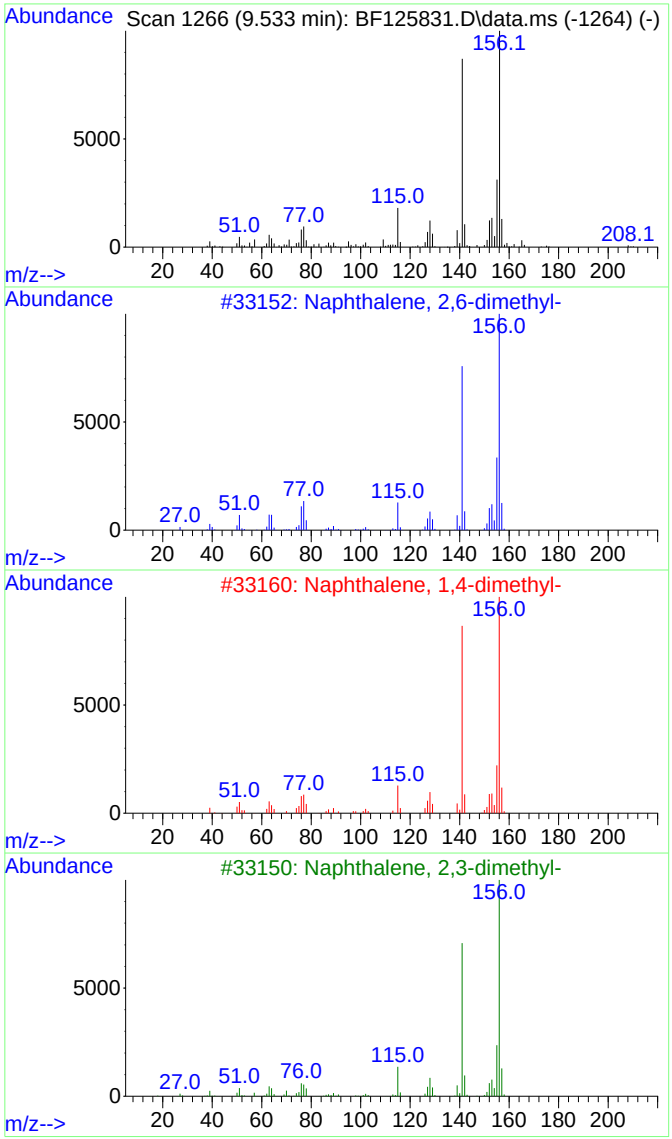
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

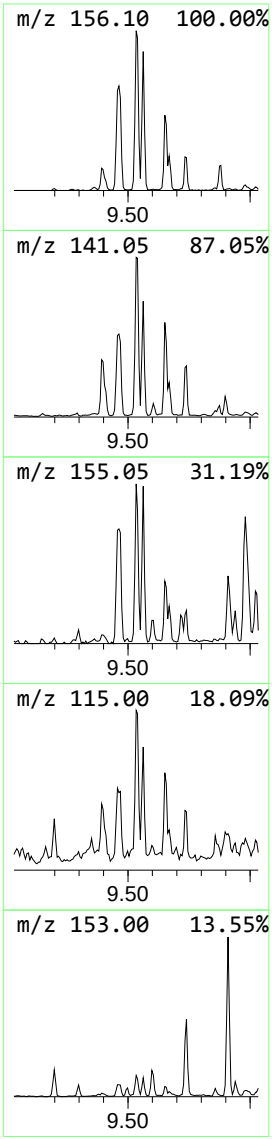
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	6.67 ng	439149	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125831.D
Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

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

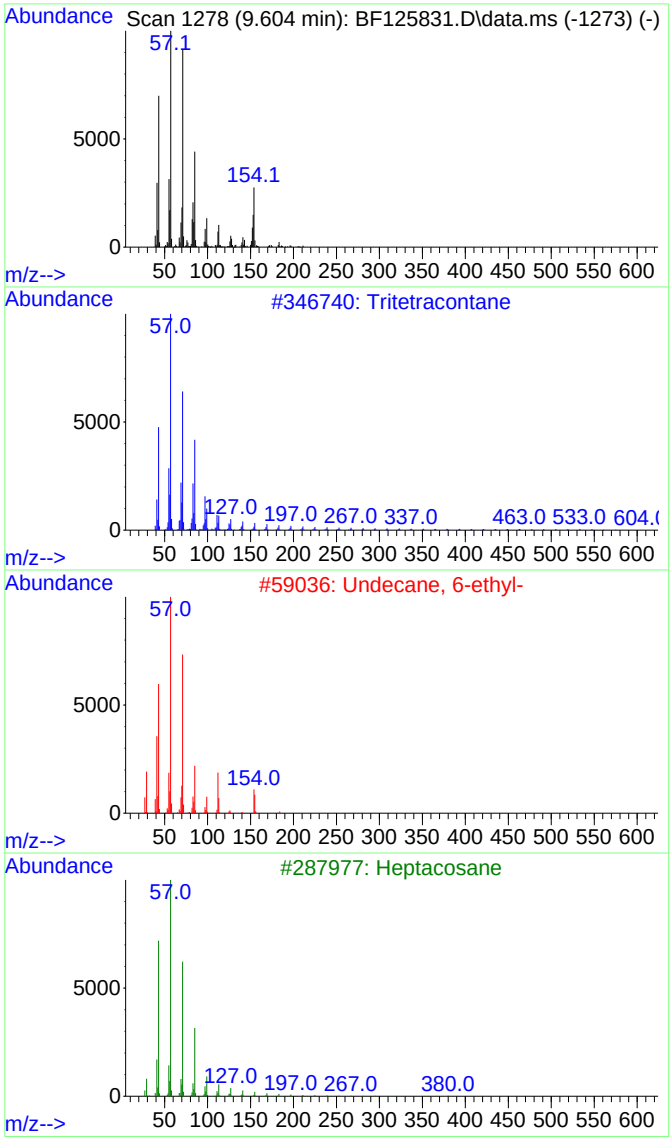
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

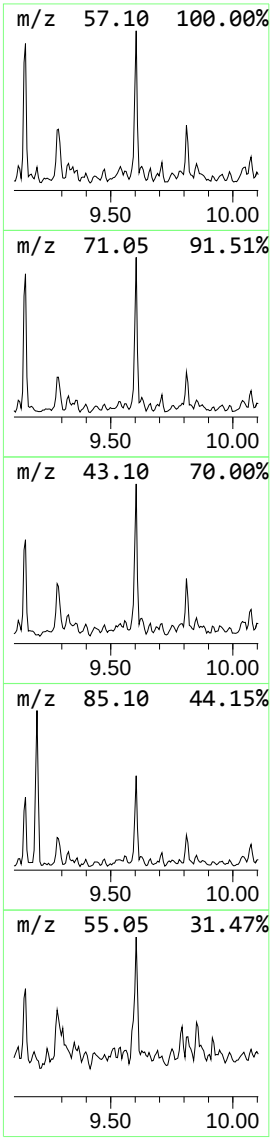
****

Peak Number 5 Tritetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	9.62 ng	633940	Acenaphthene-d10	9.874

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	72
2	Undecane, 6-ethyl-	184	C13H28	017312-60-6	62
3	Heptacosane	380	C27H56	000593-49-7	58
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	58





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Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CL-02-101221

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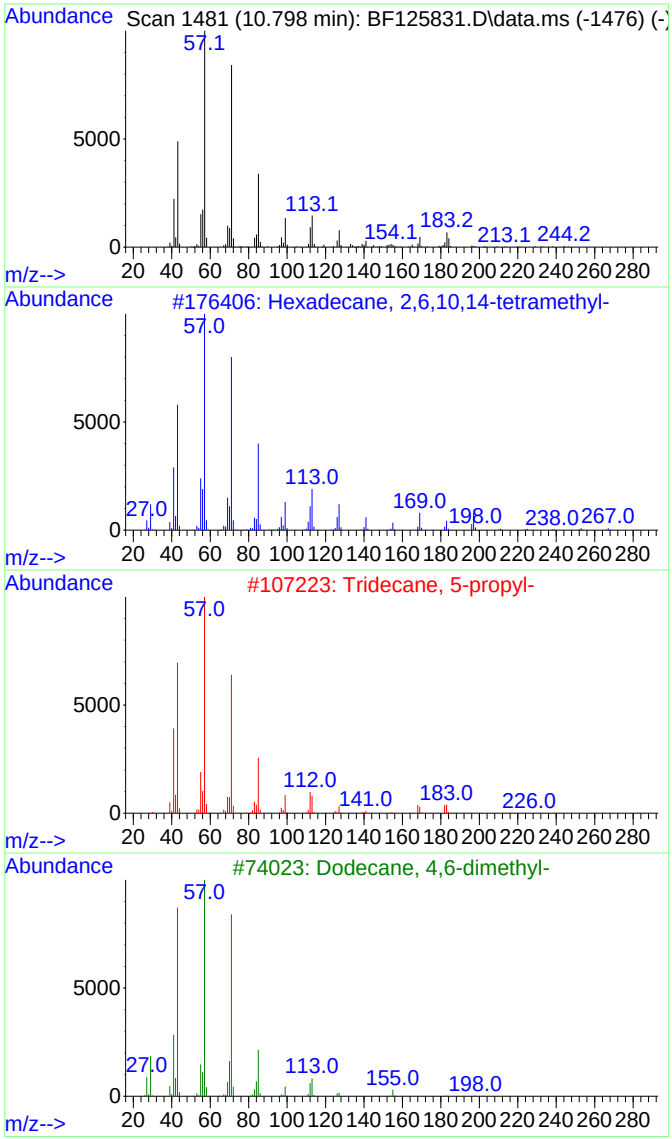
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

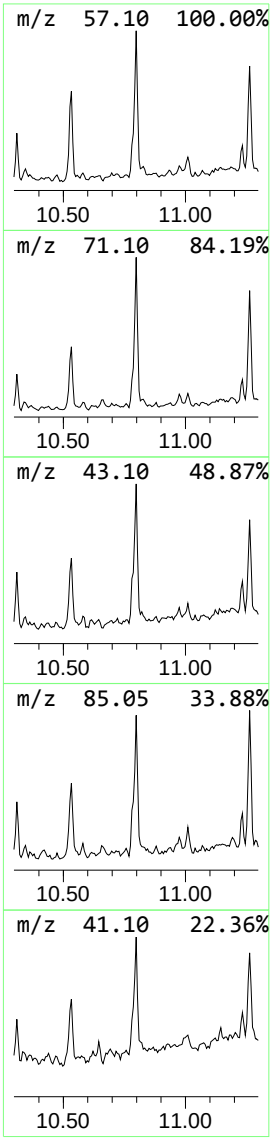
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	10.70 ng	723924	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Dodecane	170	C12H26	000112-40-3	72





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Misc :
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Instrument :
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ClientSampleId :
CL-02-101221

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

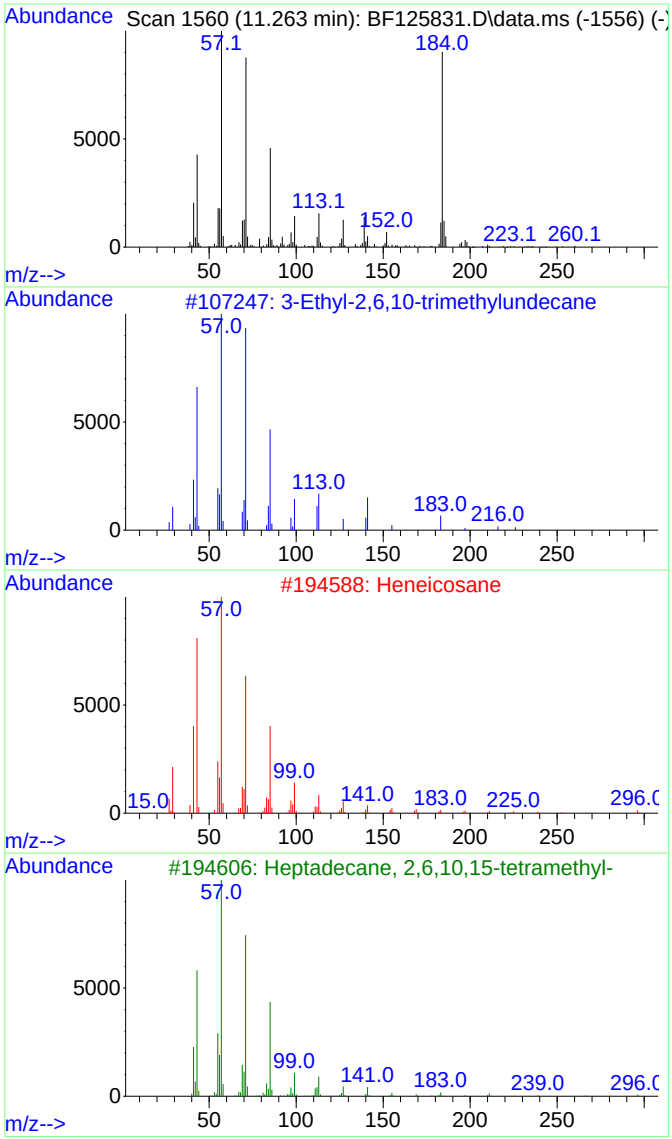
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

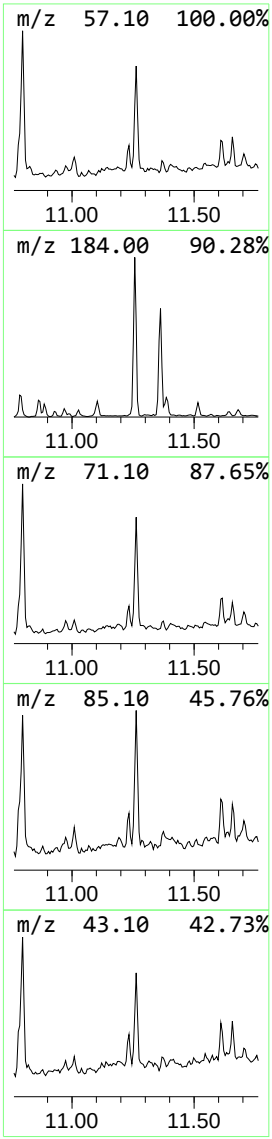
****

Peak Number 7 unknown11.263 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	10.13 ng	685682	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	46
2	Heneicosane	296	C21H44	000629-94-7	46
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	46
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	42





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

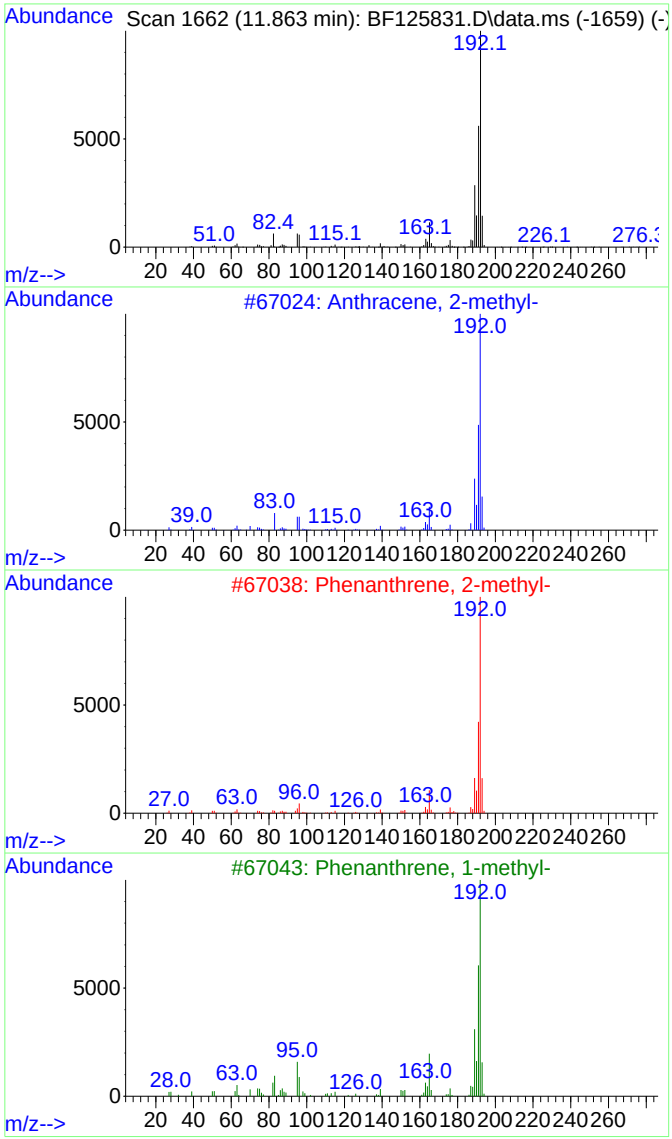
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

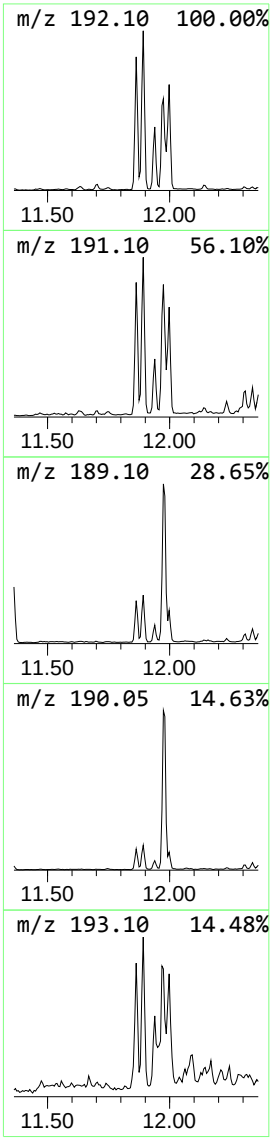
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	8.24 ng	557438	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221

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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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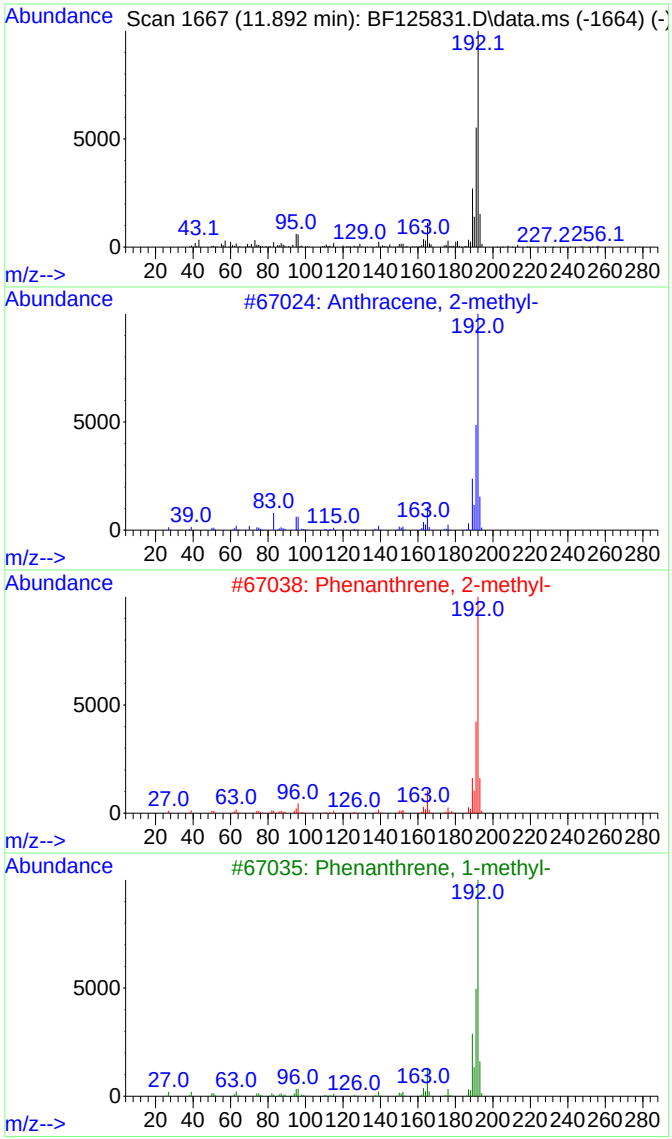
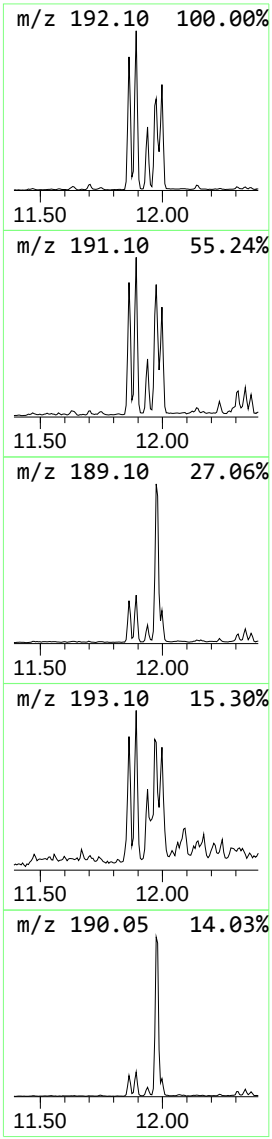
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	12.96 ng	876729	Phenanthrene-d10	11.363

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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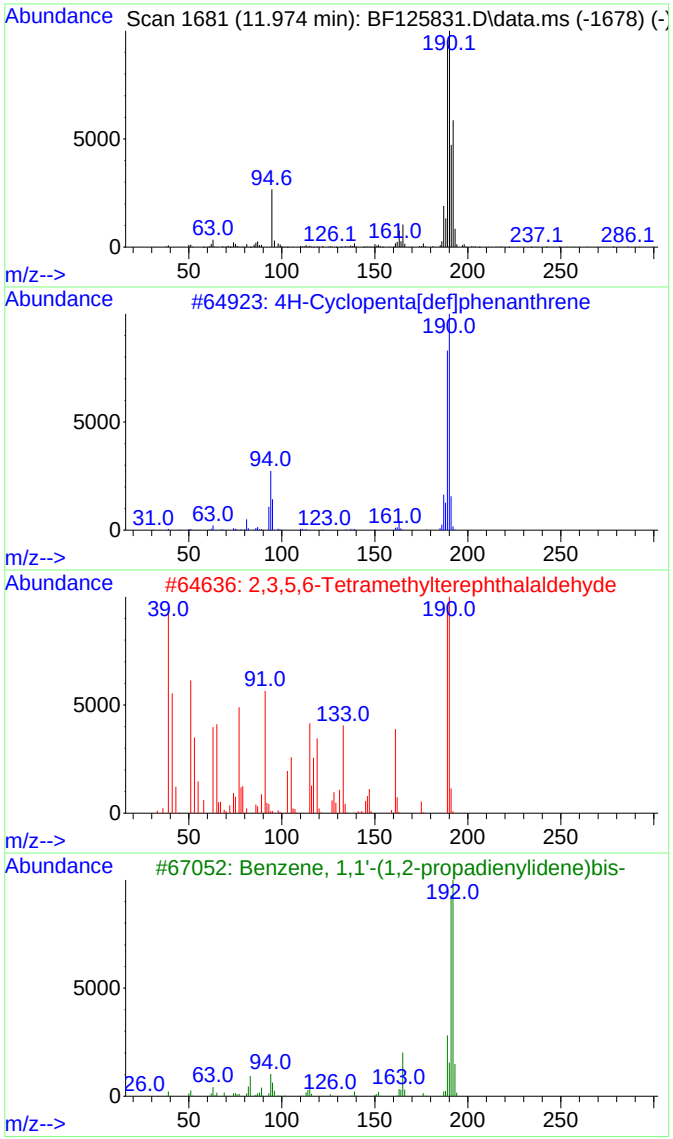
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

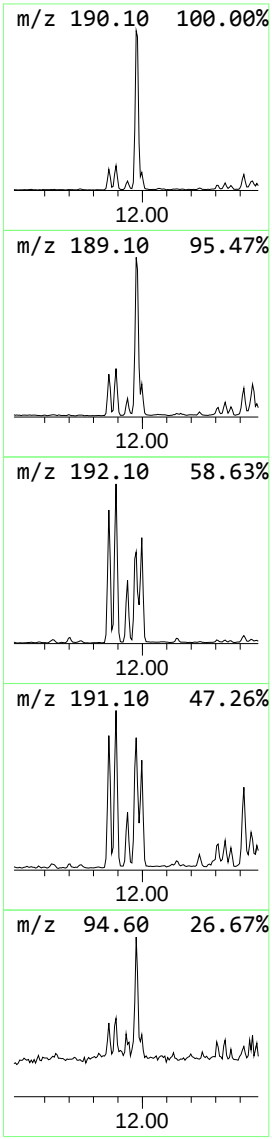
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	21.74 ng	1471430	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18





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Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

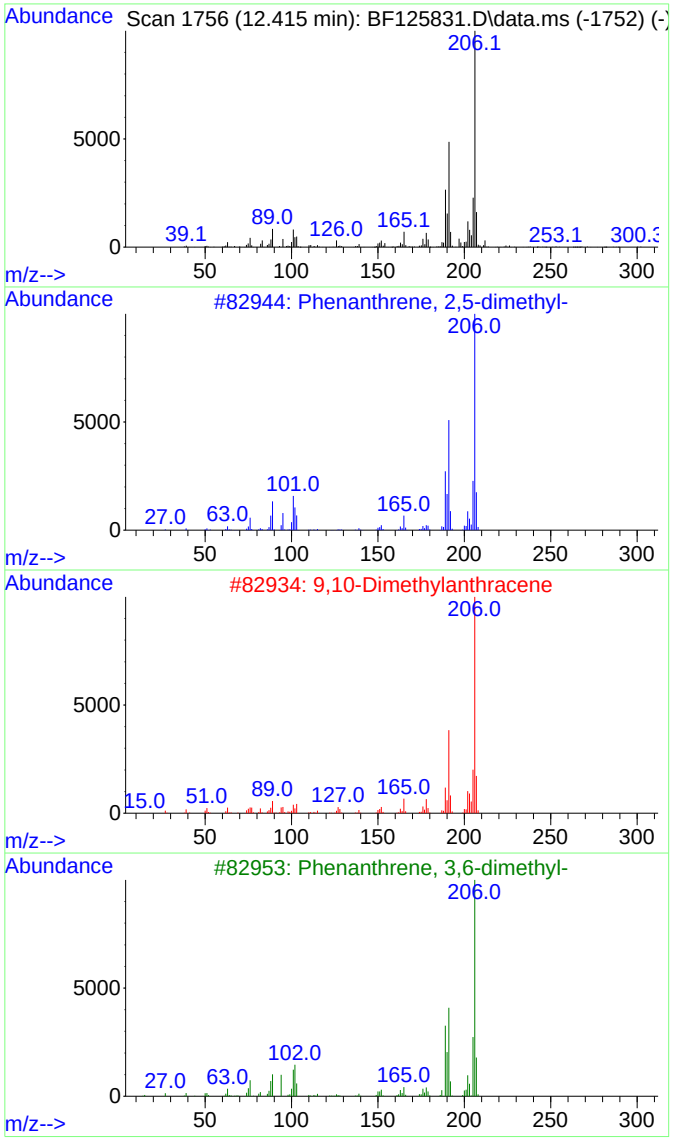
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

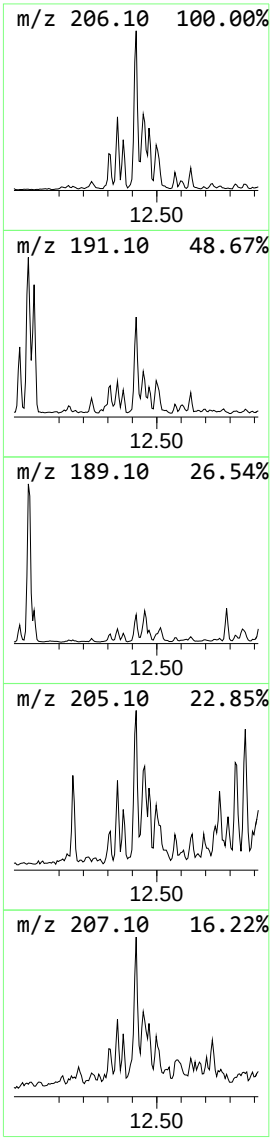
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	8.90 ng	601988	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

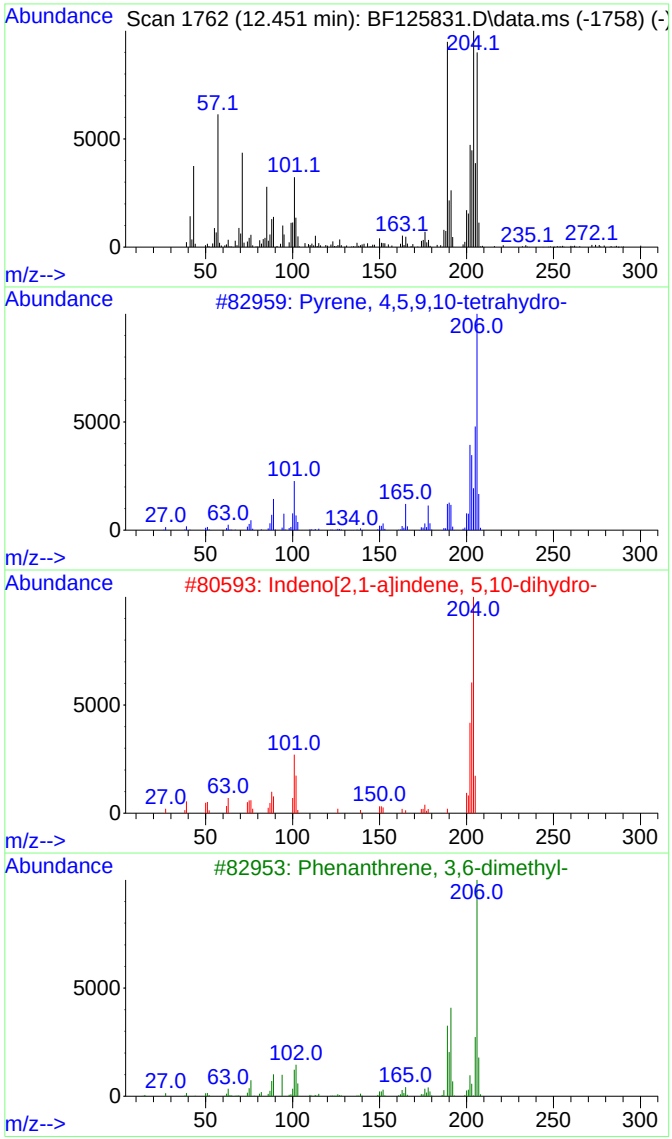
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

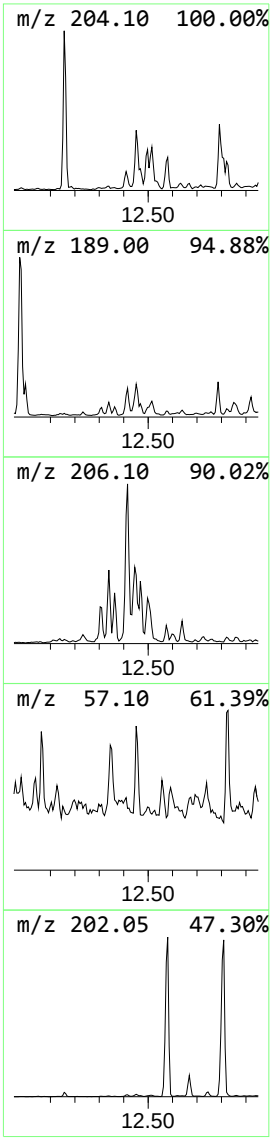
****

Peak Number 12 unknown12.451 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	11.43 ng	773282	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	41
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
4	Cyclopropa[a]dibenzo[c,f]cyclohe...	236	C17H16O	1000210-38-0	38
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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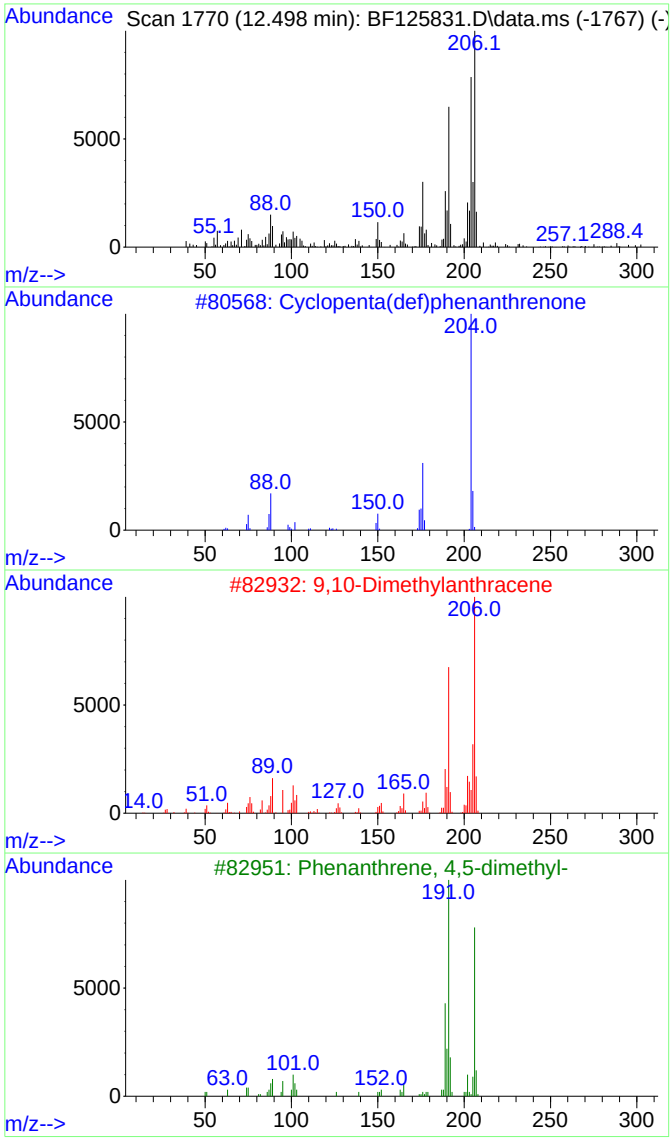
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

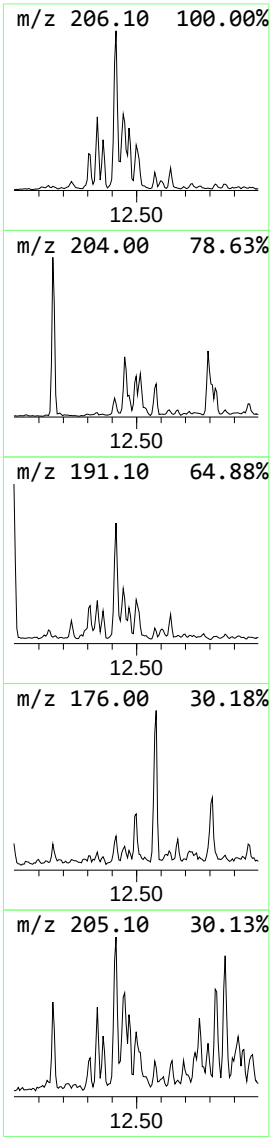
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	6.09 ng	412439	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	60





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Misc :
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Instrument : BNA_F
ClientSampleId : CL-02-101221

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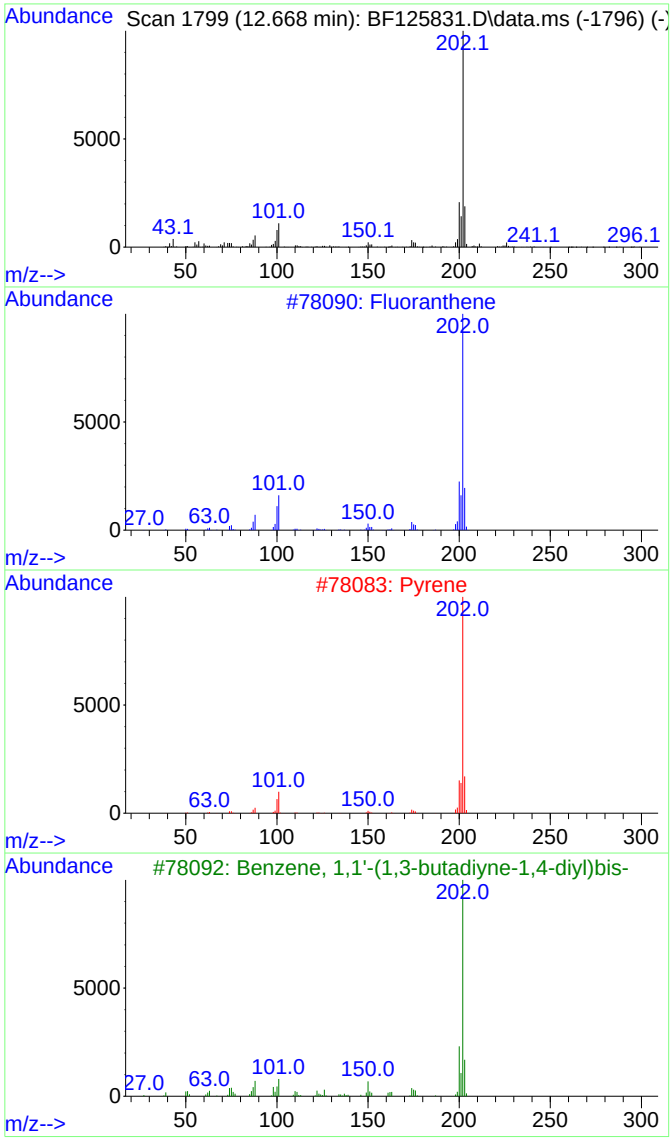
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

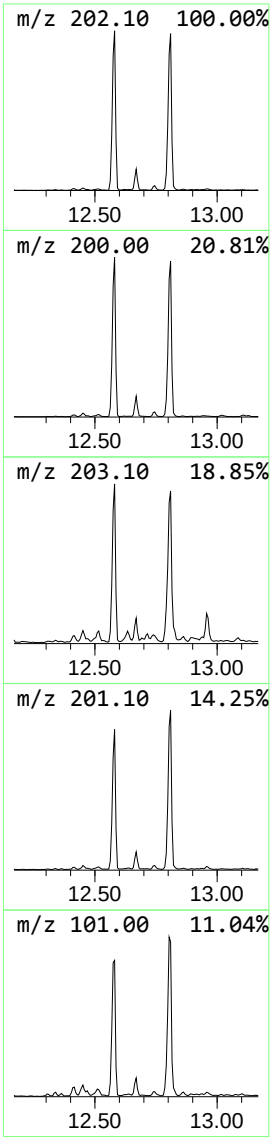
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.668	7.41 ng	501663	Phenanthrene-d10	11.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	98
2	Pyrene	202	C16H10	000129-00-0	94
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	74
4	l-Leucine, N-methyl-N-(2-methoxy...	485	C28H55NO5	1010328-55-1	38
5	Methyl 3-indolepropionate, TMS d...	275	C15H21NO2Si	056196-72-6	38





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Misc :
ALS Vial : 16 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

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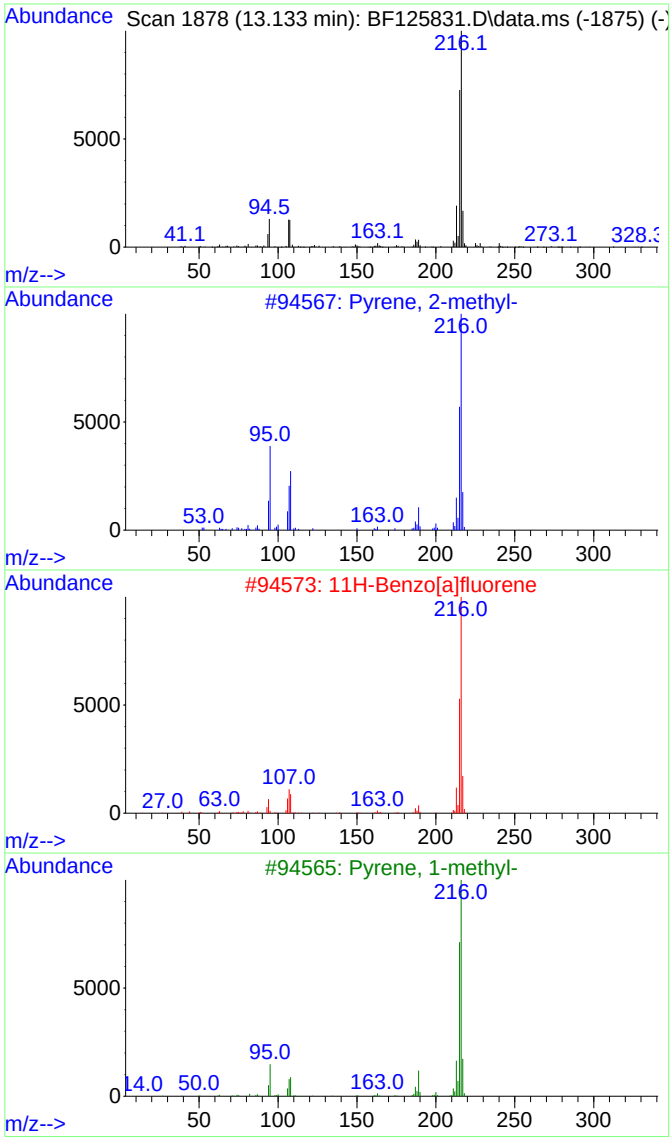
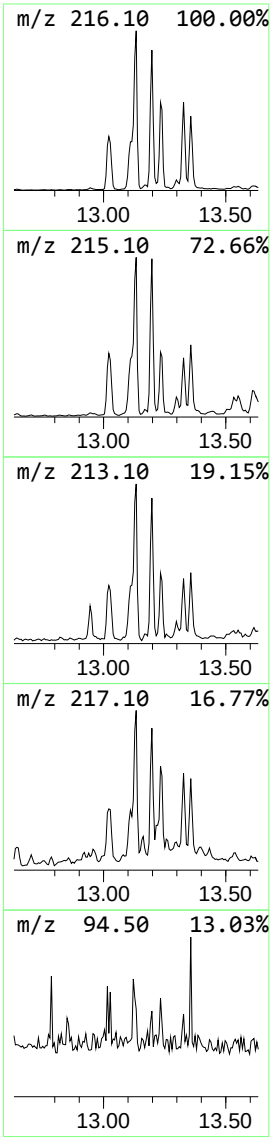
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	5.65 ng	935671	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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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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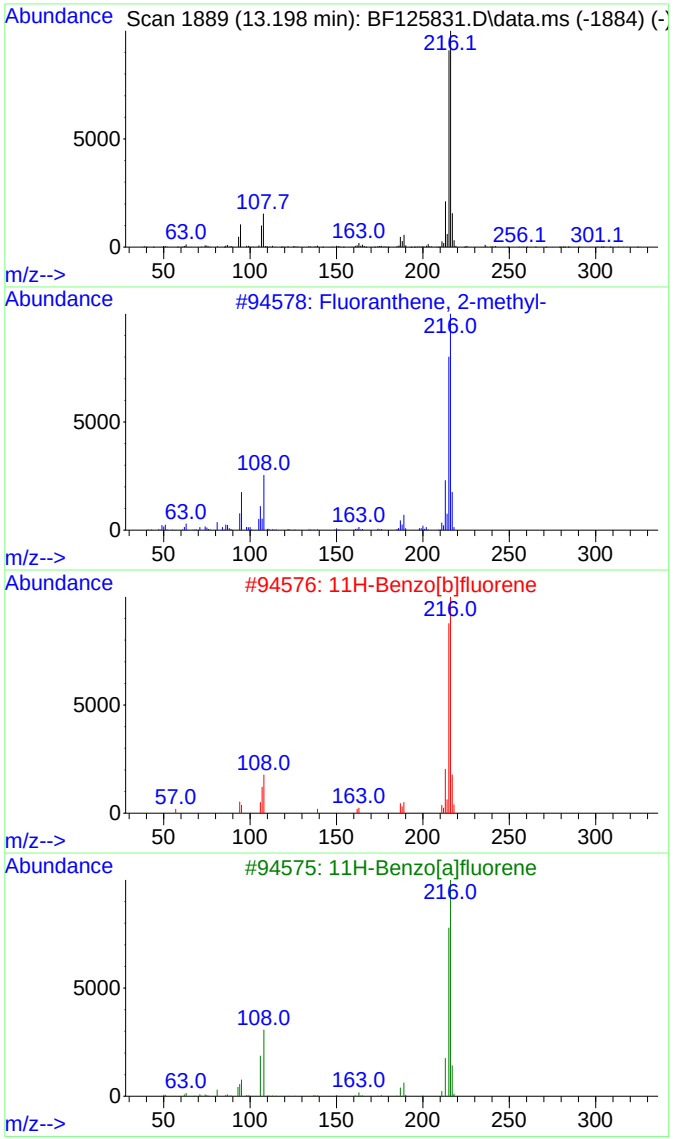
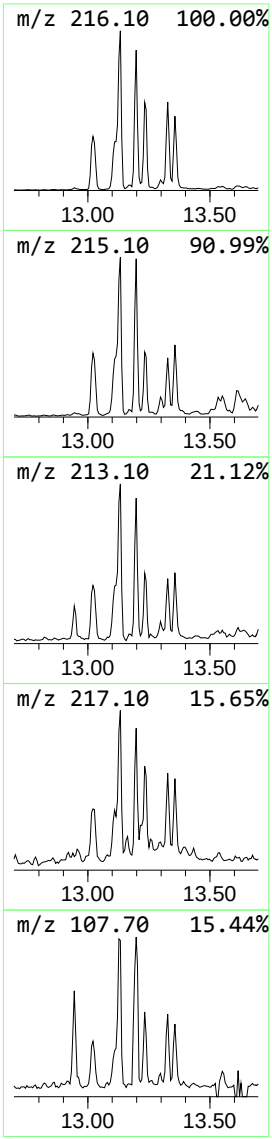
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	5.02 ng	831285	Chrysene-d12	13.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	53





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Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

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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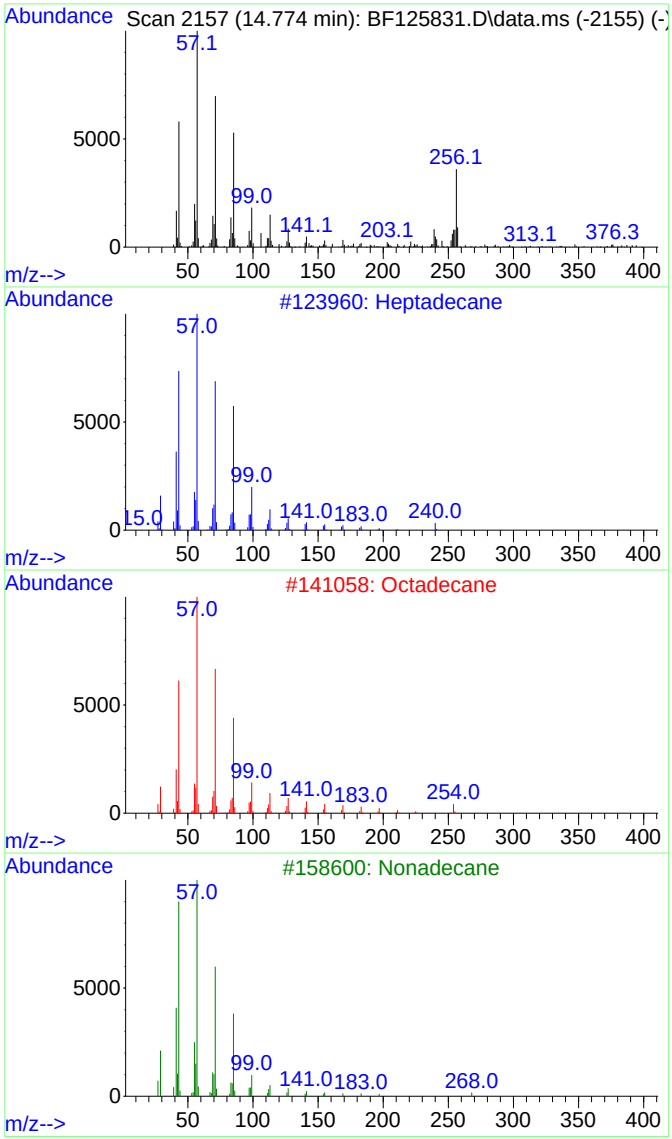
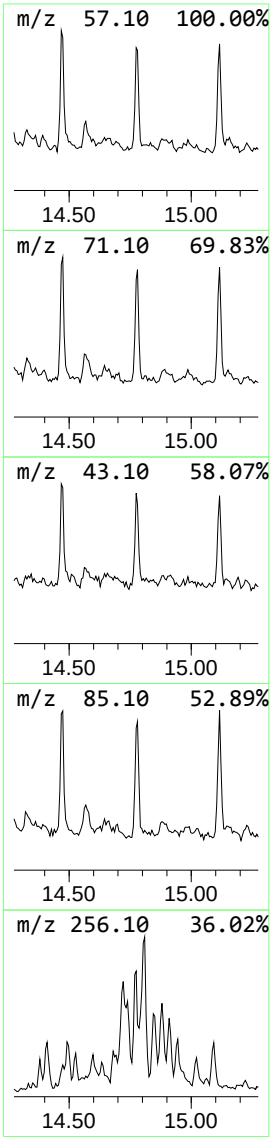
Peak Number 17 Heptadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	5.54 ng	224454	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Octadecane	254	C18H38	000593-45-3	93
3	Nonadecane	268	C19H40	000629-92-5	86
4	Octacosane	394	C28H58	000630-02-4	78
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125831.D
Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

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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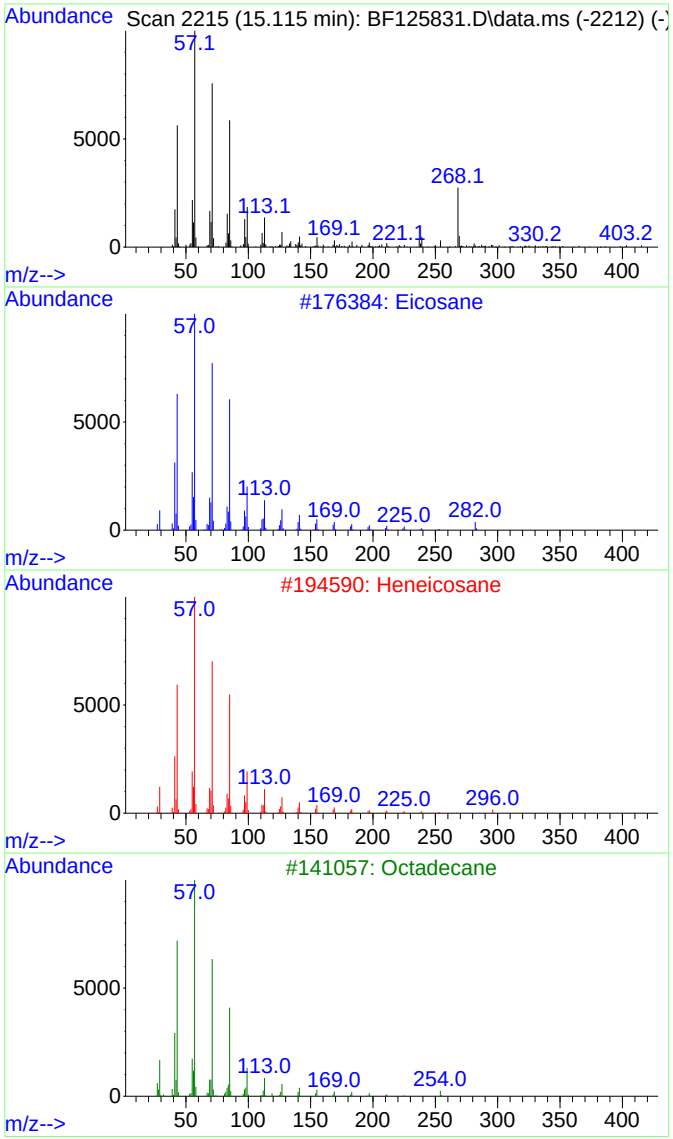
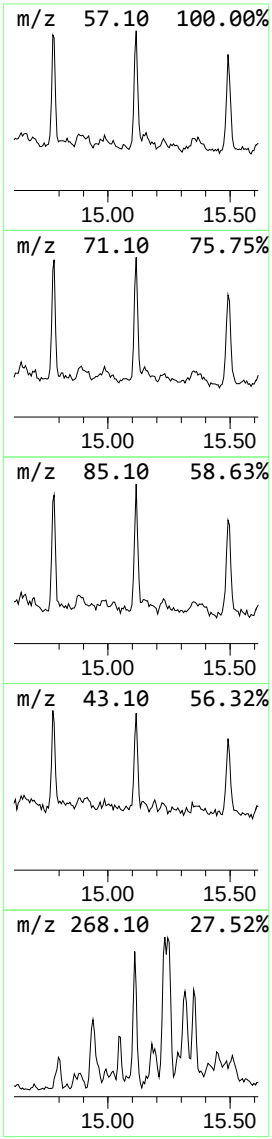
Peak Number 18 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	5.63 ng	228390	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heneicosane	296	C21H44	000629-94-7	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87





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Data File : BF125831.D
Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221

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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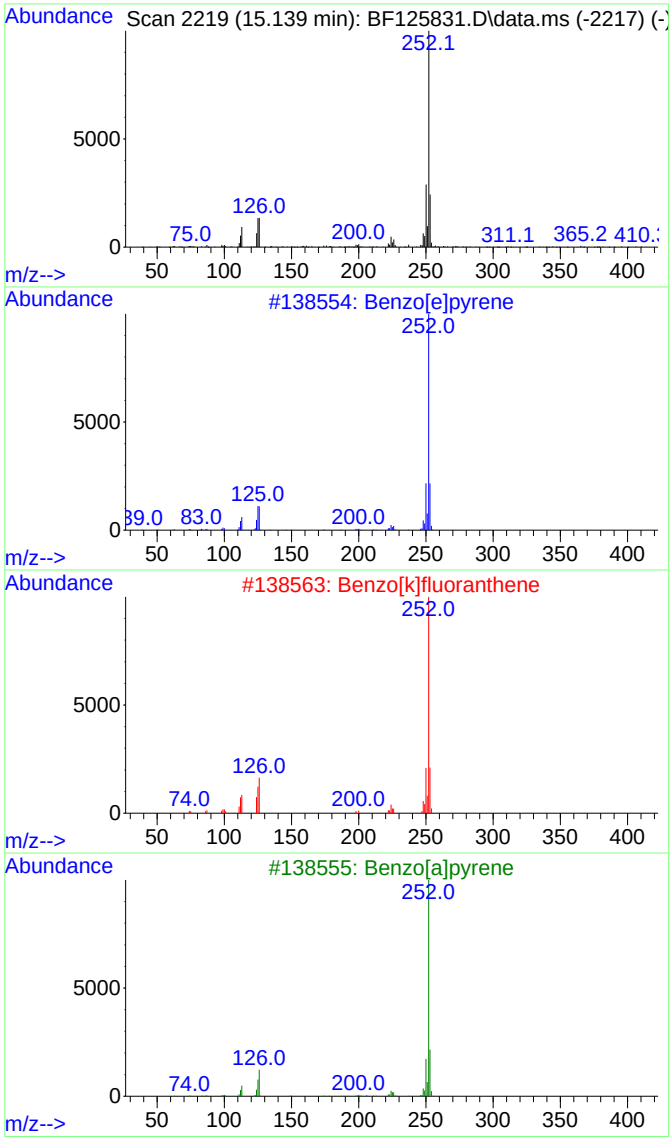
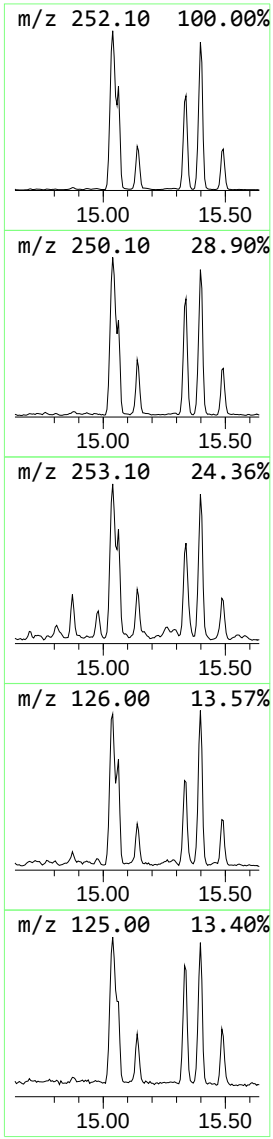
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.139	10.38 ng	420731	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125831.D
Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-101221

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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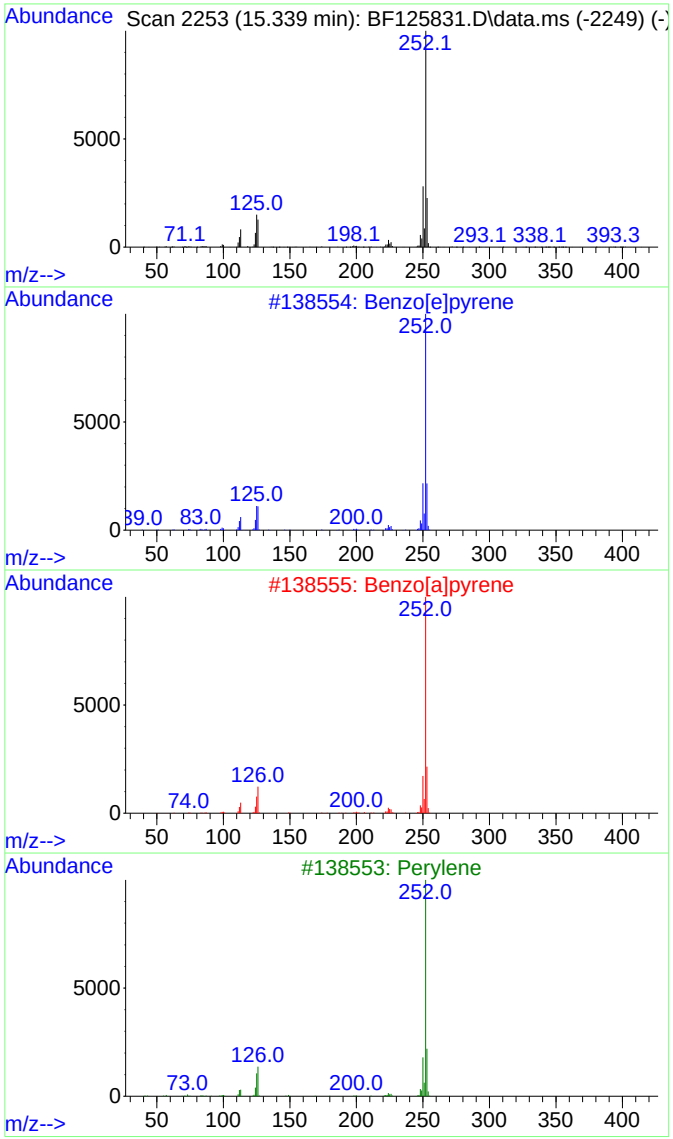
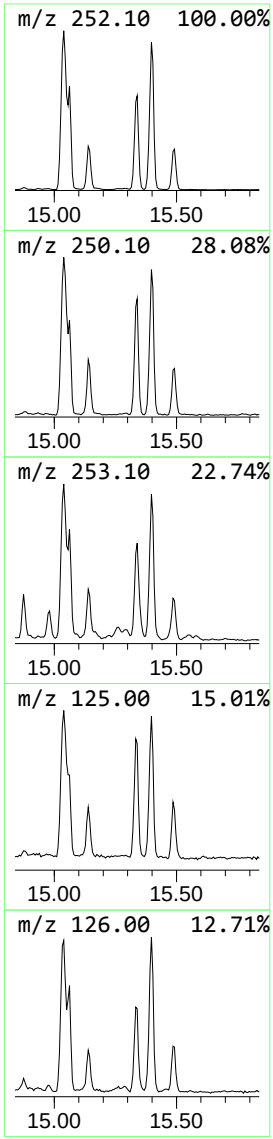
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	26.26 ng	1064770	Perylene-d12	15.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101321\
Data File : BF125831.D
Acq On : 13 Oct 2021 17:47
Operator : JU/CG
Sample : M4178-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-101221

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
Oxalic acid, bi...	8.551	5.1	ng	374746	2	8.128	1480680	20.0
1-Octadecanesul...	9.280	5.3	ng	348514	3	9.874	1317520	20.0
Naphthalene, 1,...	9.469	6.6	ng	436564	3	9.874	1317520	20.0
Naphthalene, 2,...	9.533	6.7	ng	439149	3	9.874	1317520	20.0
Tritetracontane	9.604	9.6	ng	633940	3	9.874	1317520	20.0
Hexadecane, 2,6...	10.798	10.7	ng	723924	4	11.363	1353400	20.0
unknown11.263	11.263	10.1	ng	685682	4	11.363	1353400	20.0
Anthracene, 2-m...	11.863	8.2	ng	557438	4	11.363	1353400	20.0
Phenanthrene, 2...	11.892	13.0	ng	876729	4	11.363	1353400	20.0
4H-Cyclopenta[d...	11.974	21.7	ng	1471430	4	11.363	1353400	20.0
Phenanthrene, 2...	12.416	8.9	ng	601988	4	11.363	1353400	20.0
unknown12.451	12.451	11.4	ng	773282	4	11.363	1353400	20.0
Cyclopenta(def)...	12.498	6.1	ng	412439	4	11.363	1353400	20.0
Benzene, 1,1'-(...	12.668	7.4	ng	501663	4	11.363	1353400	20.0
Pyrene, 2-methyl-	13.133	5.7	ng	935671	5	13.998	3313700	20.0
Fluoranthene, 2...	13.198	5.0	ng	831285	5	13.998	3313700	20.0
Heptadecane	14.774	5.5	ng	224454	6	15.462	811007	20.0
Eicosane	15.115	5.6	ng	228390	6	15.462	811007	20.0
Benzo[e]pyrene	15.139	10.4	ng	420731	6	15.462	811007	20.0
Perylene	15.339	26.3	ng	1064770	6	15.462	811007	20.0