LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129185.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.316	3	5	12	rVB	2527645	2850635	55.11%	4.610%
2	3.887	267	272	279	rBV	47111	69376	1.34%	0.112%
3	4.087	302	306	311	rVB	60621	75570	1.46%	0.122%
4	5.434	531	535	540	rBV	90734	77270	1.49%	0.125%
5	5.563	548	557	560	rBV	5496891	5104546	98.68%	8.255%
6	5.787	590	595	601	rVB2	60537	85657	1.66%	0.139%
7	6.557	719	726	729	rBV	4876096	5172657	100.00%	8.366%
8	6.757	757	760	765	rBV2	127250	149549	2.89%	0.242%
9	6.934	786	790	793	rBV	2081297	1690679	32.68%	2.734%
10	7.110	816	820	824	rVB	176070	153374	2.97%	0.248%
11	7.192	829	834	839	rVV2	111522	139505	2.70%	0.226%
12	7.492	874	885	889	rBV	3104845	3382772	65.40%	5.471%
13	7.810	933	939	941	rBV3	53210	78250	1.51%	0.127%
14	7.886	949	952	955	rVB	131535	119151	2.30%	0.193%
15	7.951	959	963	968	rBV2	224052	246390	4.76%	0.398%
16	7.998	968	971	975	rVV	75880	79962	1.55%	0.129%
17	8.216	1001	1008	1010	rBV	2544777	2332332	45.09%	3.772%
18	8.239	1010	1012	1014	rVV	424835	341825	6.61%	0.553%
19	8.263	1014	1016	1019	rVB3	96689	85210	1.65%	0.138%
20	8.492	1051	1055	1061	rVB5	60316	114990	2.22%	0.186%
21	8.928	1125	1129	1133	rVB	919503	736973	14.25%	1.192%
22	9.028	1141	1146	1149	rBV	726059	636581	12.31%	1.030%
23	9.228	1177	1180	1183	rVB	137708	114268	2.21%	0.185%
24	9.292	1185	1191	1194	rBV	5624322	4919214	95.10%	7.956%
25	9.486	1222	1224	1229	rVB	157678	180564	3.49%	0.292%
26	9.551	1231	1235	1240	rVV	357218	485860	9.39%	0.786%
27	9.628	1245	1248	1251	rVV	510691	518886	10.03%	0.839%
28	9.657	1251	1253	1255	rVV	259155	198216	3.83%	0.321%
29	9.680	1255	1257	1262	rVB3	248956	223644	4.32%	0.362%
30	9.745	1265	1268	1270	rBV	231772	203406	3.93%	0.329%
31	9.833	1277	1283	1286	rBV	365088	352520	6.82%	0.570%
32	9.880	1289	1291	1294	rVB2	67459	68019	1.31%	0.110%
33	9.975	1300	1307	1310	rBV	2710508	2341616	45.27%	3.787%
34	10.010	1310	1313	1315	rVB	281774	253794	4.91%	0.410%
35	10.075	1321	1324	1328	rBV2	130406	165546	3.20%	0.268%
36	10.116	1328	1331	1335	rBV2	53364	82162	1.59%	0.133%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.175	1335	1341	1344	rVB3	273076	342691	6.63%	0.554%
38	10.216	1344	1348	1352	rVB2	240233	219605	4.25%	0.355%
39	10.286	1356	1360	1363	rBV2	213641	244847	4.73%	0.396%
40	10.316	1363	1365	1367	rBV	163242	118235	2.29%	0.191%
41	10.380	1372	1376	1378	rVV2	165925	236214	4.57%	0.382%
42	10.469	1386	1391	1394	rVV4	95190	117655	2.27%	0.190%
43	10.522	1397	1400	1406	rVB2	398055	404285	7.82%	0.654%
44	10.610	1413	1415	1417	rVB	200856	149138	2.88%	0.241%
45	10.675	1421	1426	1431	rVB3	82930	166768	3.22%	0.270%
46	10.763	1437	1441	1445	rVV	3010638	2794961	54.03%	4.520%
47	10.880	1457	1461	1468	rVB3	403704	509513	9.85%	0.824%
48	10.963	1472	1475	1477	rBV	84846	74688	1.44%	0.121%
49	11.069	1489	1493	1496	rBV2	186870	249605	4.83%	0.404%
50	11.098	1496	1498	1501	rVV3	163834	153838	2.97%	0.249%
51	11.157	1505	1508	1511	rVB	119401	105603	2.04%	0.171%
52	11.222	1511	1519	1523	rBV7	81326	241183	4.66%	0.390%
53	11.269	1525	1527	1530	rVB2	109639	94342	1.82%	0.153%
54	11.345	1537	1540	1547	rVB2	196548	286656	5.54%	0.464%
55	11.469	1557	1561	1563	rBV	2341842	2086994	40.35%	3.375%
56	11.492	1563	1565	1568	rVV	1462626	1074650	20.78%	1.738%
57	11.539	1570	1573	1576	rVB	318817	267703	5.18%	0.433%
58	11.574	1576	1579	1582	rBV3	118572	138763	2.68%	0.224%
59	11.698	1597	1600	1603	rBV4	141704	177435	3.43%	0.287%
60	11.798	1614	1617	1621	rVB	151587	119963	2.32%	0.194%
61	11.880	1628	1631	1634	rBV2	105300	116586	2.25%	0.189%
62	11.969	1643	1646	1649	rBV2	600487	767810	14.84%	1.242%
63	11.998	1649	1651	1654	rVV	688513	531594	10.28%	0.860%
64	12.045	1656	1659	1662	rVV	208738	218477	4.22%	0.353%
65	12.080	1662	1665	1667	rVV2	574879	646708	12.50%	1.046%
66	12.104	1667	1669	1672	rVB	364222	297408	5.75%	0.481%
67	12.263	1694	1696	1698	rVB	203210	148056	2.86%	0.239%
68	12.416	1720	1722	1724	rVB2	156889	110317	2.13%	0.178%
69	12.445	1725	1727	1729	rVV	246446	192678	3.72%	0.312%
70	12.469	1729	1731	1734	rVB2	174762	165962	3.21%	0.268%
71	12.521	1737	1740	1743	rBV	445148	479452	9.27%	0.775%
72	12.563	1744	1747	1749	rVV2	233656	271861	5.26%	0.440%
73	12.610	1753	1755	1759	rBV2	159324	192984	3.73%	0.312%
74	12.692	1765	1769	1771	rBV	918173	786943	15.21%	1.273%
75	12.721	1771	1774	1777	rVB2	386945	325275	6.29%	0.526%
76	12.916	1801	1807	1813	rVV	1161287	1260173	24.36%	2.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.968	1813	1816	1819	rVB2	261189	261810	5.06%	0.423%
78	13.021	1819	1825	1827	rBV3	120253	220820	4.27%	0.357%
79	13.051	1827	1830	1838	rVB	3515009	3436773	66.44%	5.558%
80	13.127	1840	1843	1850	rVB3	176616	286597	5.54%	0.464%
81	13.239	1856	1862	1865	rVB	314642	469895	9.08%	0.760%
82	13.310	1871	1874	1876	rVV	239624	221671	4.29%	0.359%
83	13.345	1877	1880	1883	rVB	282866	259016	5.01%	0.419%
84	13.439	1893	1896	1898	rBV	206462	166550	3.22%	0.269%
85	13.468	1898	1901	1904	rVV	201502	205567	3.97%	0.332%
86	13.498	1904	1906	1911	rVB	94554	83318	1.61%	0.135%
87	13.721	1942	1944	1947	rBV	70224	90993	1.76%	0.147%
88	13.810	1957	1959	1963	rVB	80044	68025	1.32%	0.110%
89	13.845	1963	1965	1967	rBV	84659	87284	1.69%	0.141%
90	14.115	2006	2011	2013	rBV2	1490402	1720504	33.26%	2.783%
91	14.139	2013	2015	2021	rVB	437008	390245	7.54%	0.631%
92	14.204	2021	2026	2031	rBV	449223	562497	10.87%	0.910%
93	14.462	2068	2070	2072	rBV	80065	71991	1.39%	0.116%
94	14.498	2072	2076	2080	rVV	228803	302317	5.84%	0.489%
95	14.533	2080	2082	2085	rVB	123727	92923	1.80%	0.150%
96	14.627	2096	2098	2100	rBV2	101600	75552	1.46%	0.122%
97	15.174	2188	2191	2195	rBV	234744	369369	7.14%	0.597%
98	15.498	2242	2246	2251	rVB	201112	254656	4.92%	0.412%
99	15.557	2253	2256	2263	rVB	267667	355847	6.88%	0.576%
100	15.627	2264	2268	2272	rBV	826531	1059268	20.48%	1.713%

Sum of corrected areas: 61832076

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
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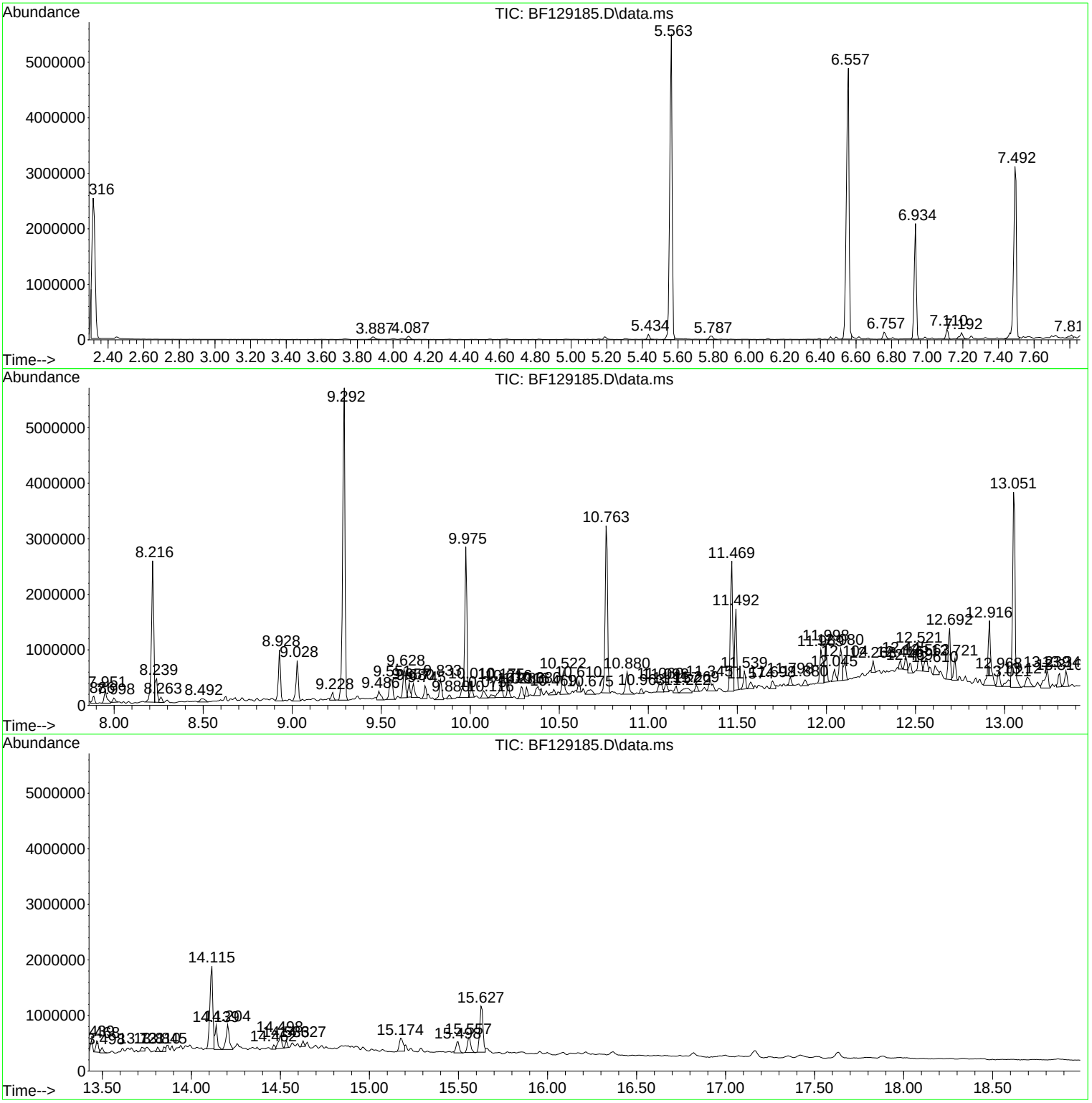
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
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Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

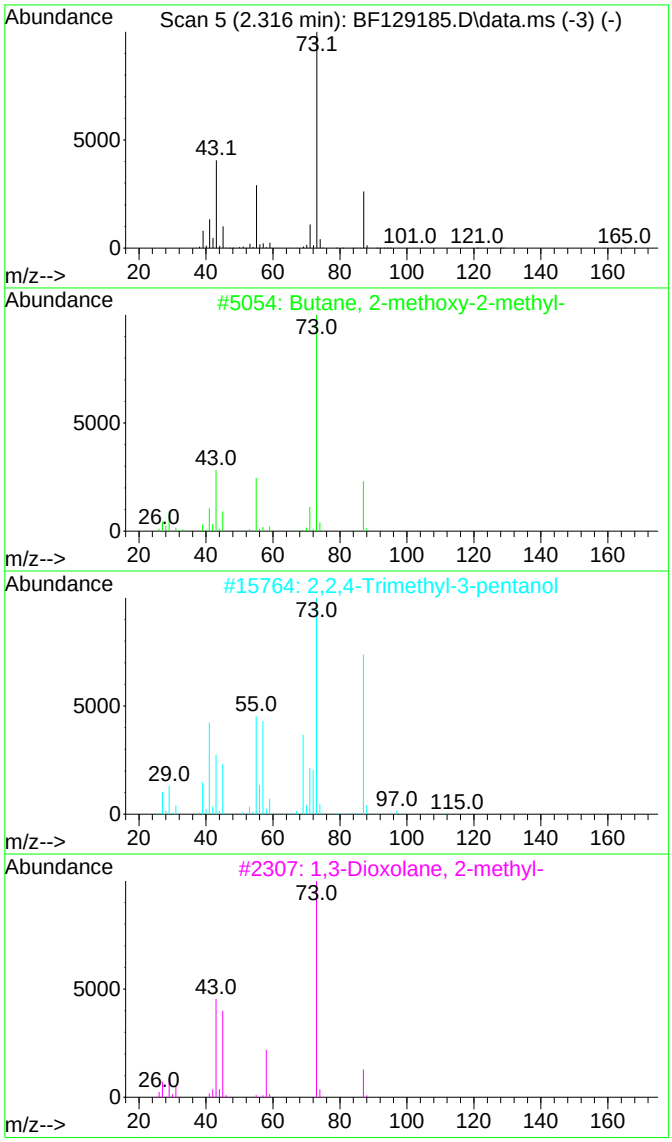
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

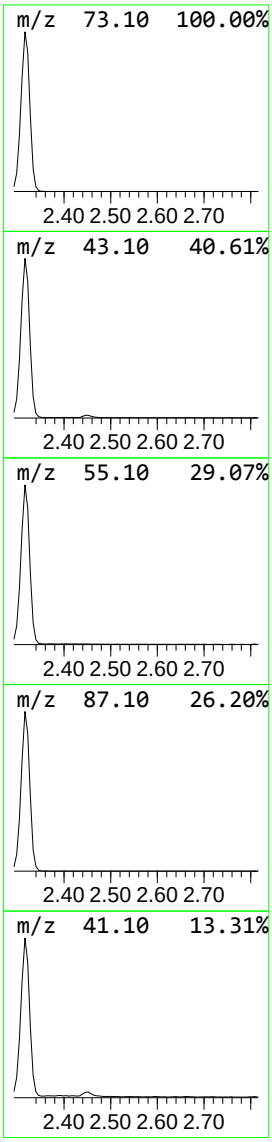
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.316	33.72 ng	2850640	1,4-Dichlorobenzene-d4	6.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

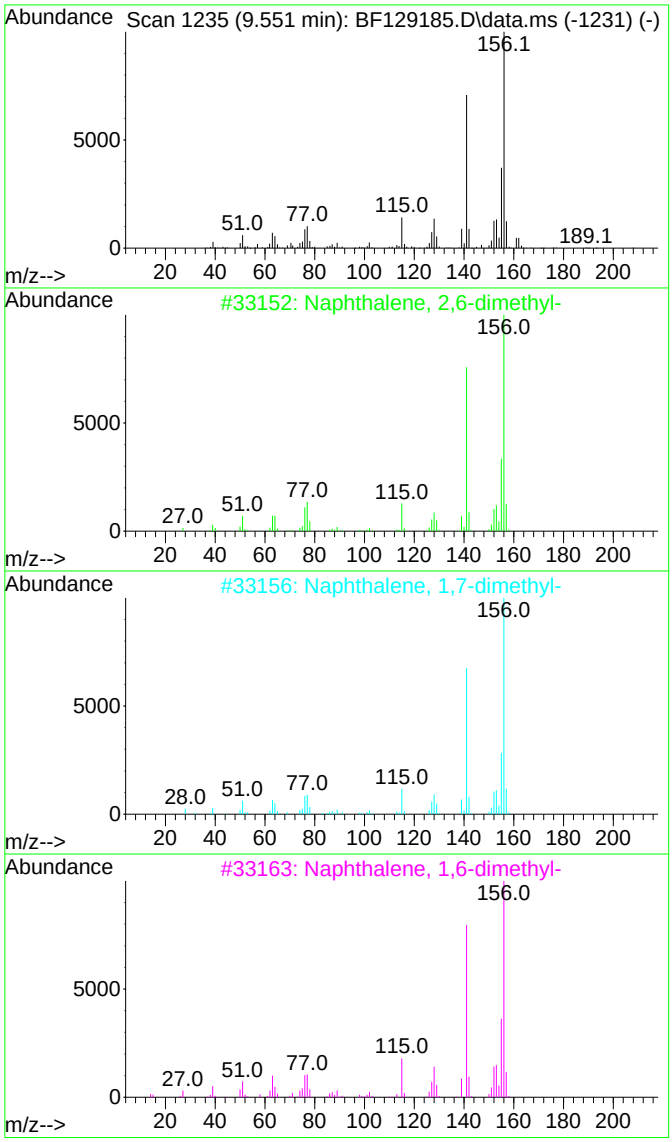
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

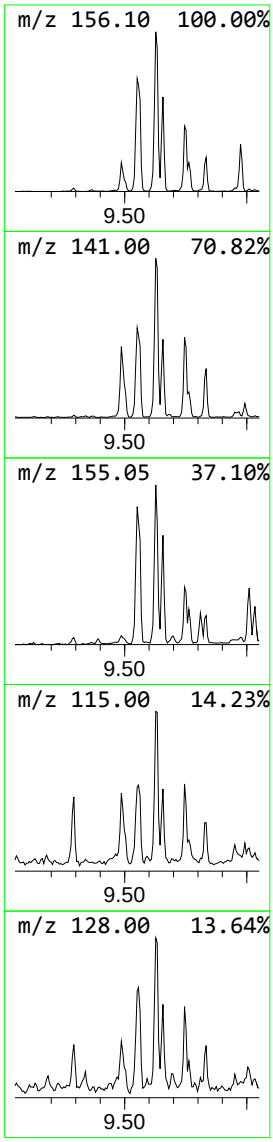
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	4.15 ng	485860	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

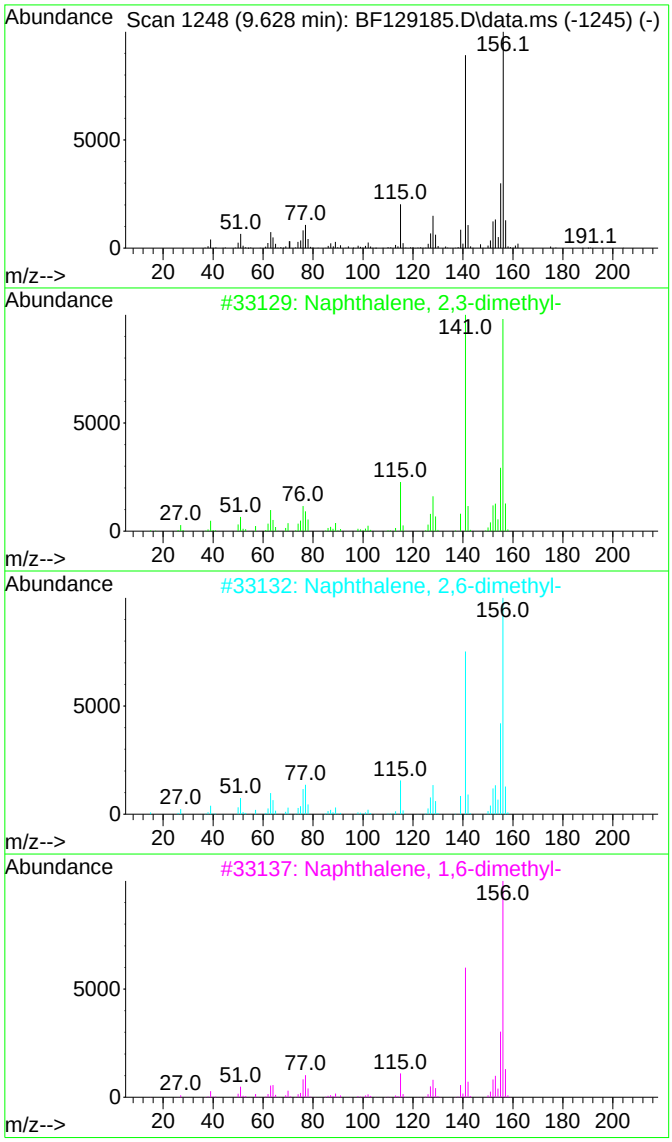
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

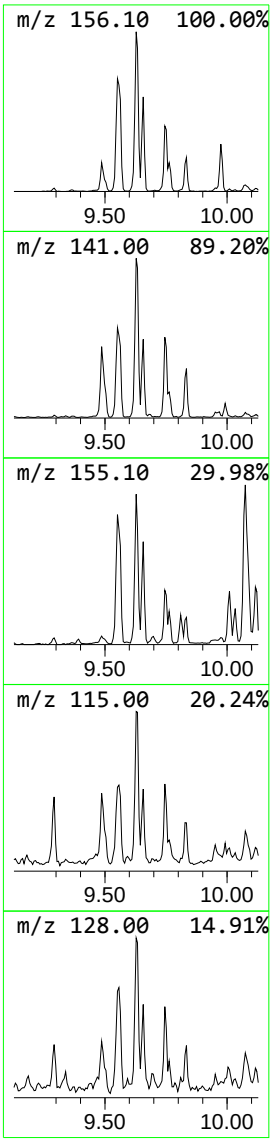
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	4.43 ng	518886	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

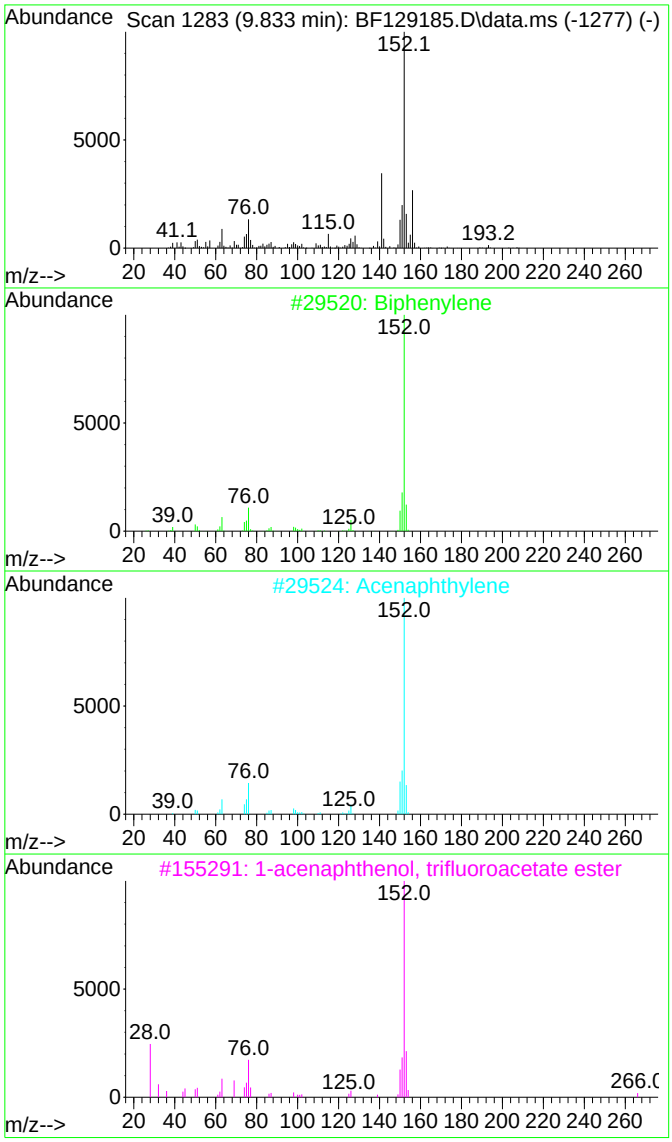
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

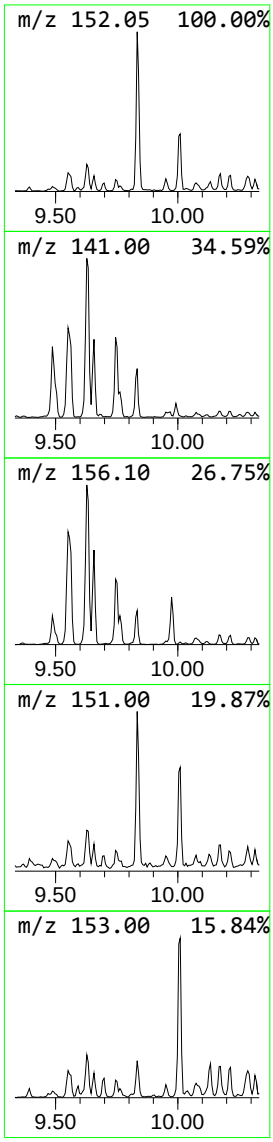
****

Peak Number 4 Biphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.833	3.01 ng	352520	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenylene	152	C12H8	000259-79-0	95
2	Acenaphthylene	152	C12H8	000208-96-8	93
3	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	62
4	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	50
5	6-Fluoro[1,2,4]triazolo[1,5-a]py...	152	C6H5FN4	1245644-40-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

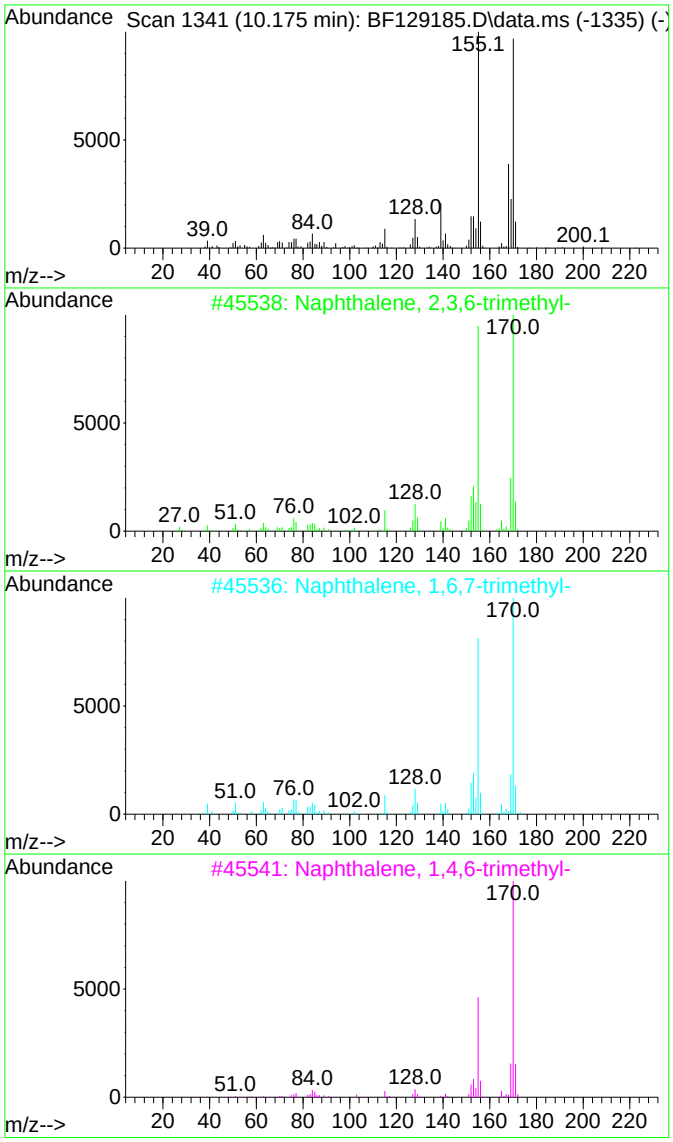
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

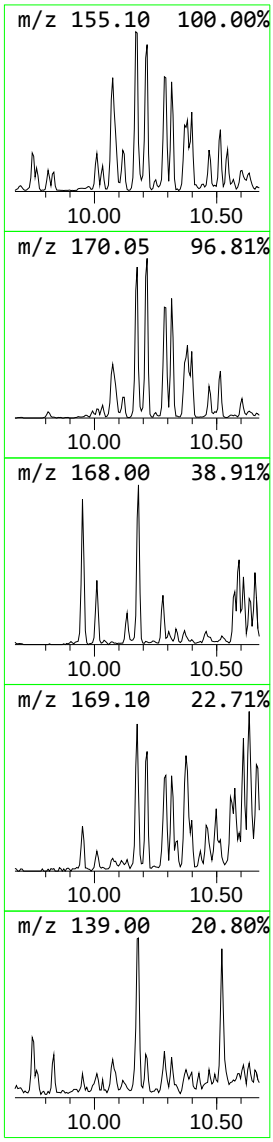
****

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	2.93 ng	342691	Acenaphthene-d10	9.975

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	68
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	62





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Operator : CG\JU
Sample : N3648-04
Misc :
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ClientSampleId :
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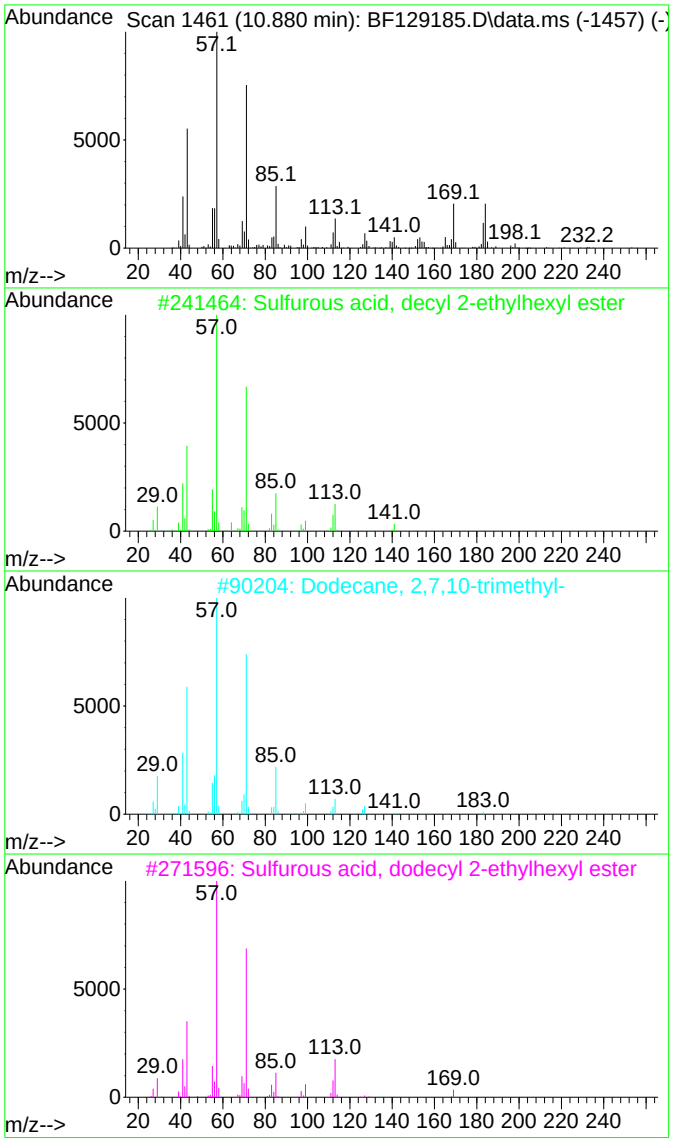
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

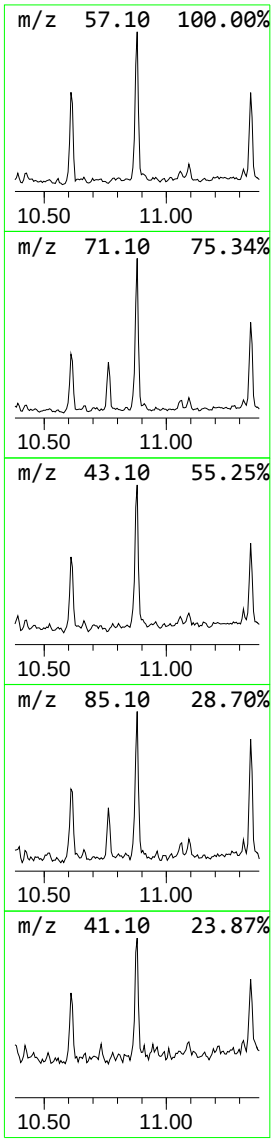
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Sulfurous acid, decyl 2-eth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	4.88 ng	509513	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	58
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
3	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	52
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	52
5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49





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Misc :
ALS Vial : 4 Sample Multiplier: 1

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

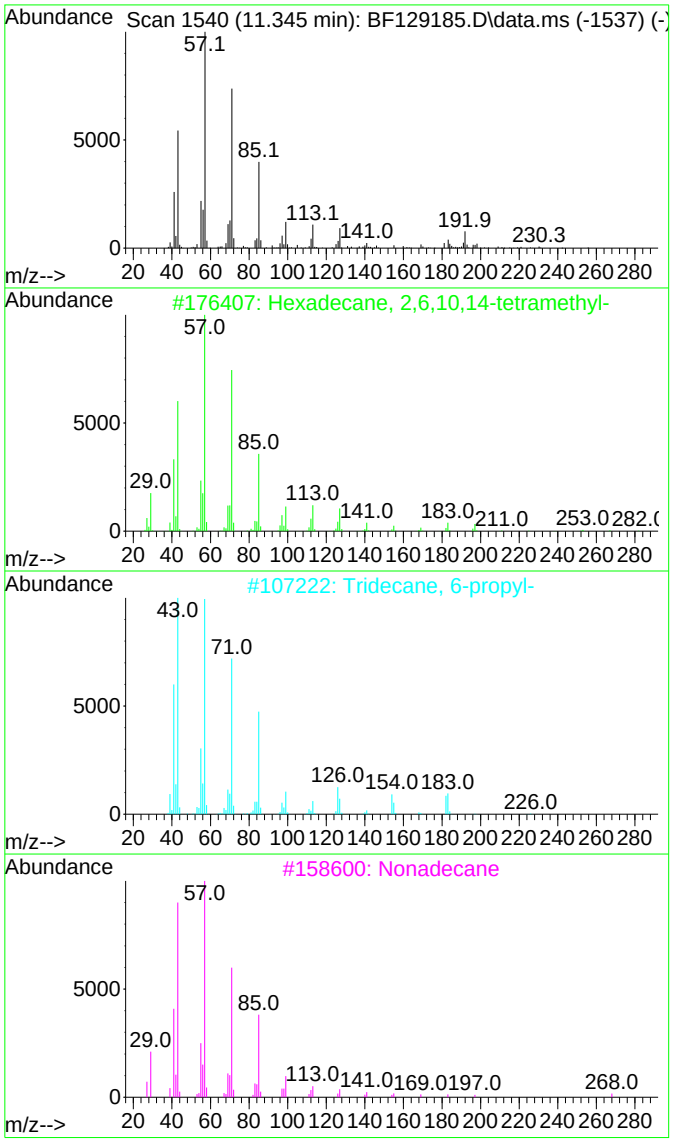
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

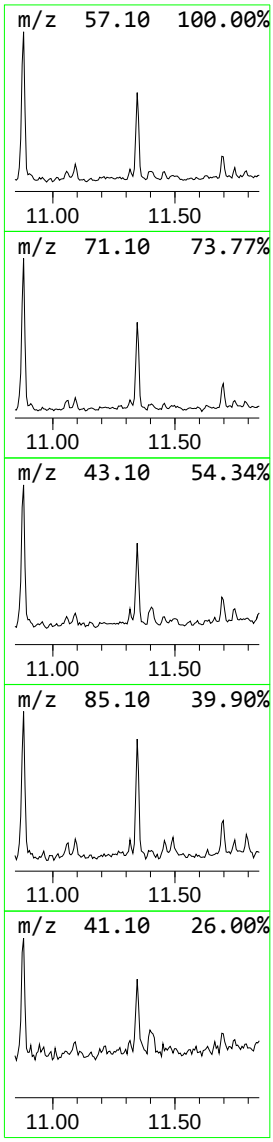
****

Peak Number 7 Hexadecane, 2,6,10,14-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.345	2.75 ng	286656	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Nonadecane	268	C19H40	000629-92-5	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





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Instrument :
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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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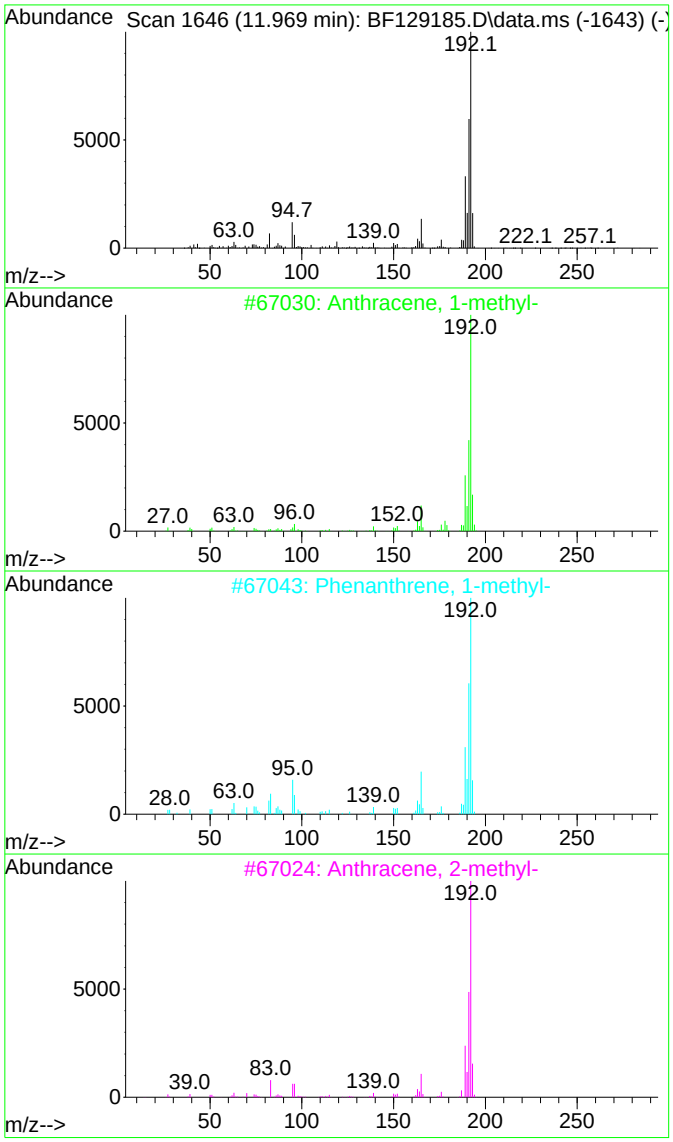
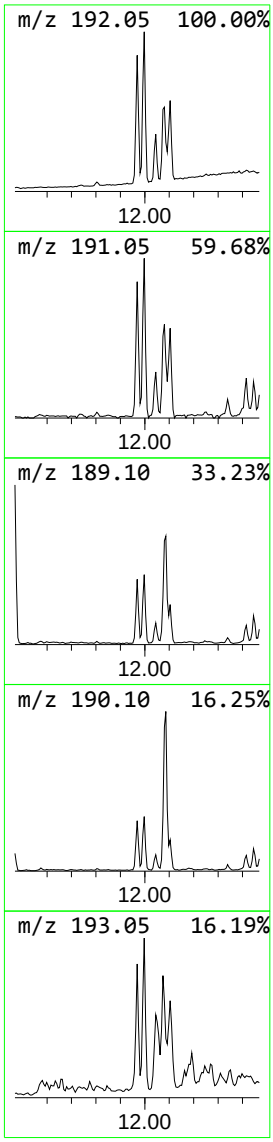
Peak Number 8 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	7.36 ng	767810	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92





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Sample : N3648-04
Misc :
ALS Vial : 4 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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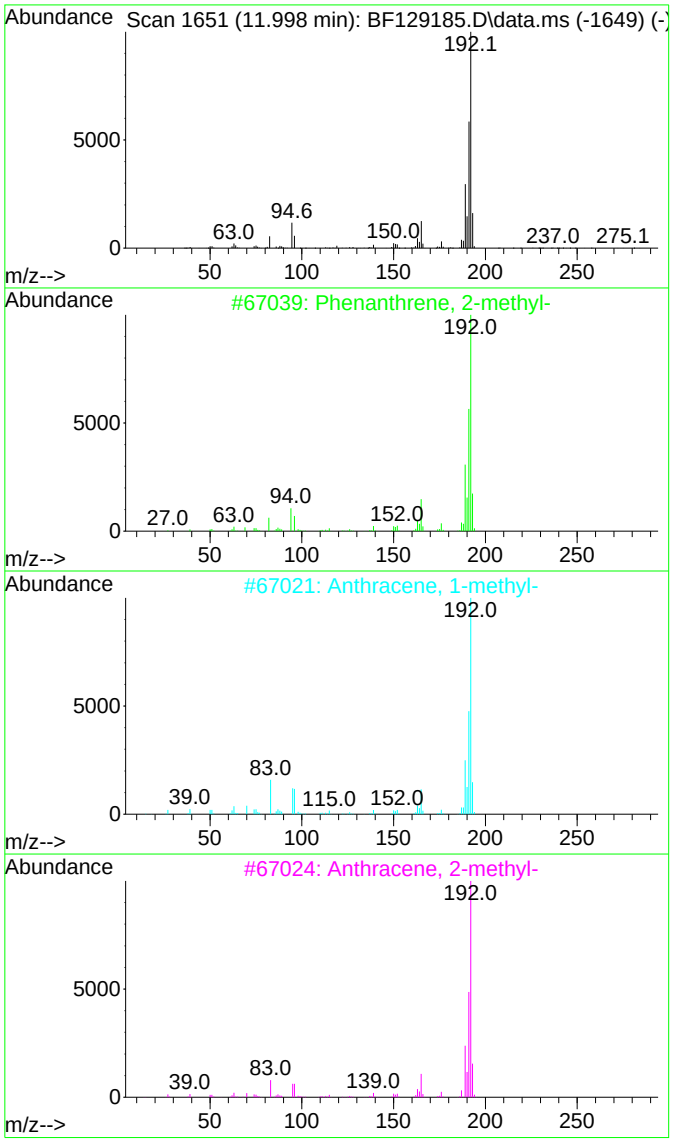
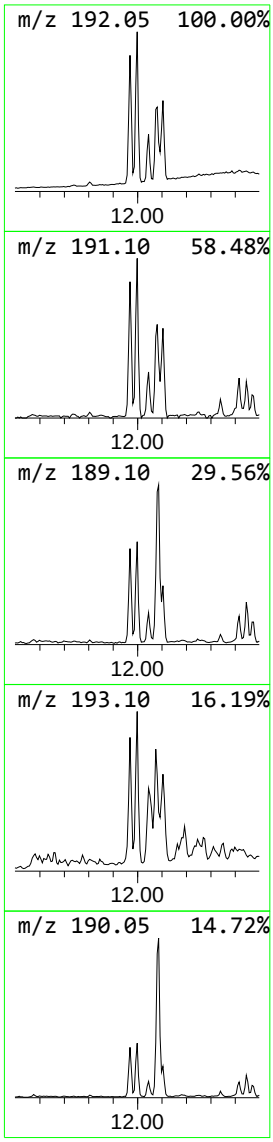
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	5.09 ng	531594	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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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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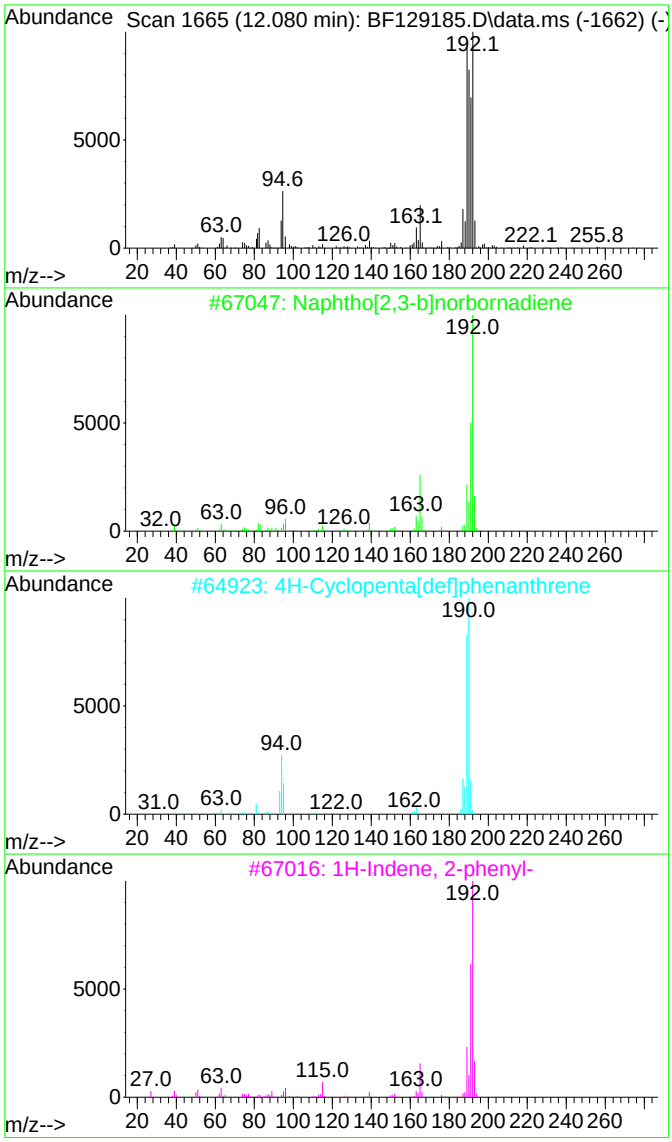
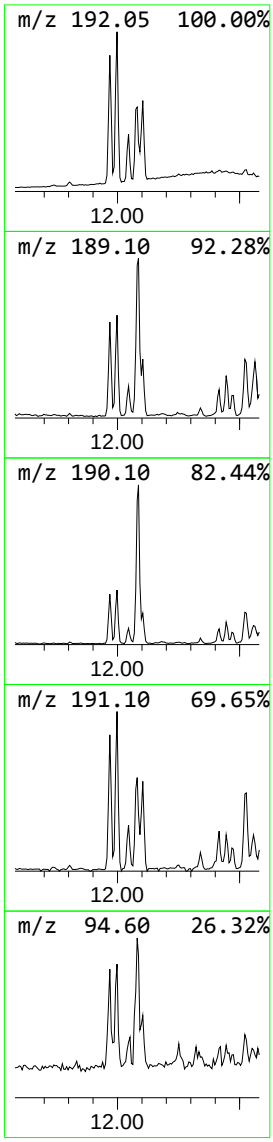
Peak Number 10 unknown12.080 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	6.20 ng	646708	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Sample : N3648-04
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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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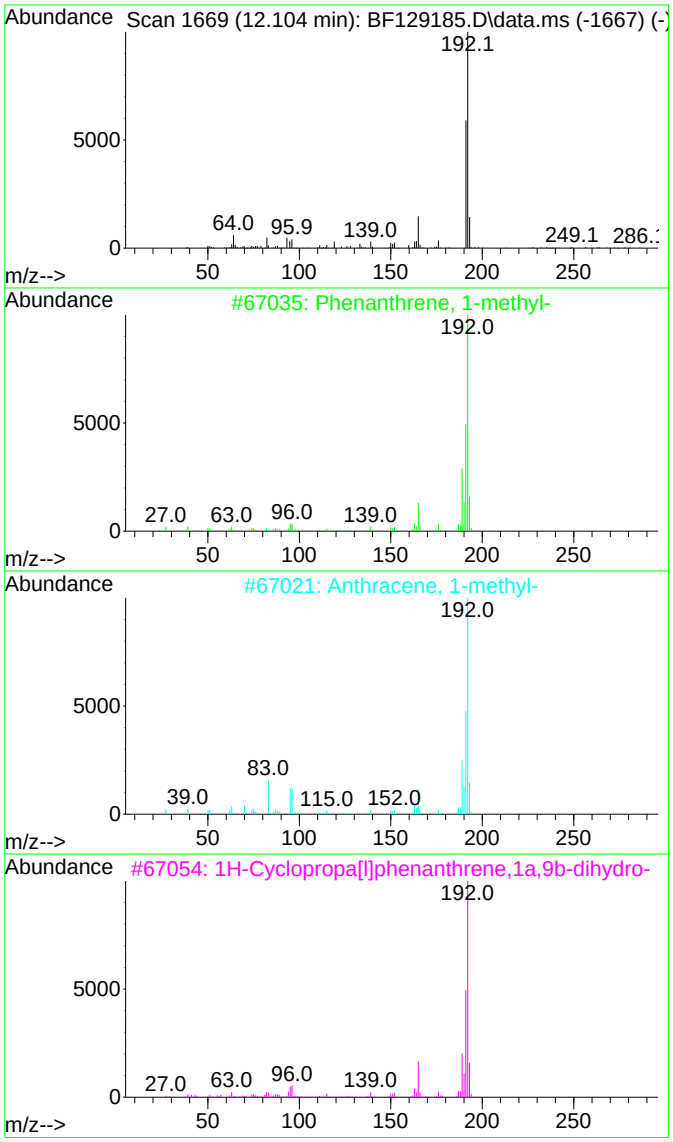
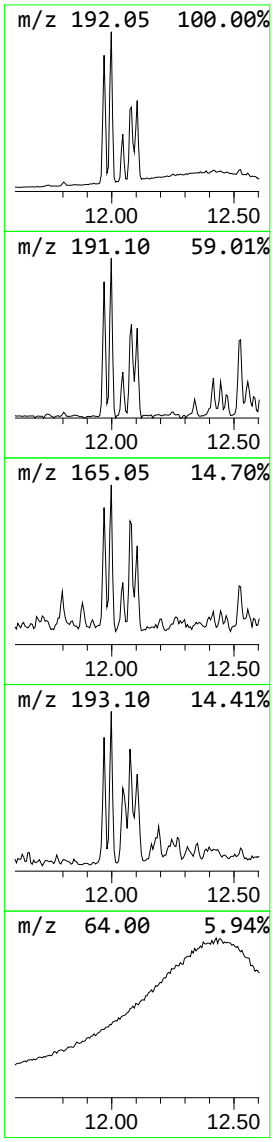
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	2.85 ng	297408	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

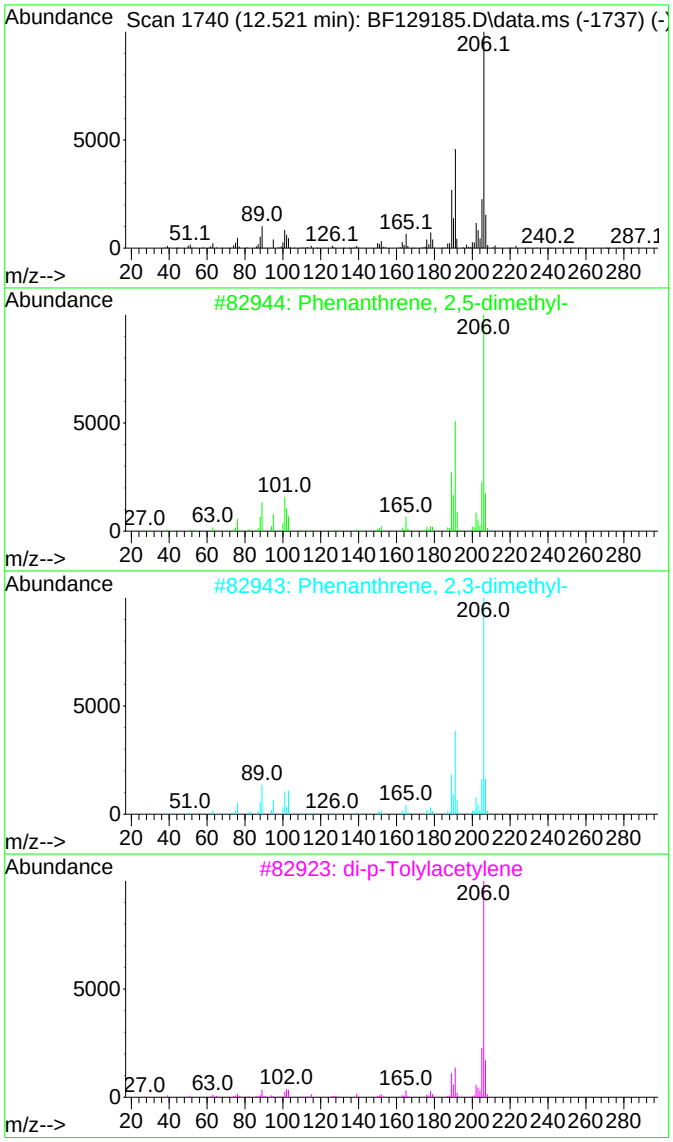
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

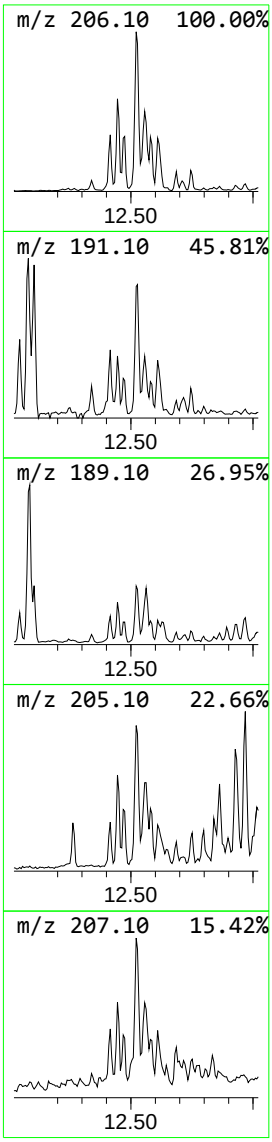
****

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.521	4.59 ng	479452	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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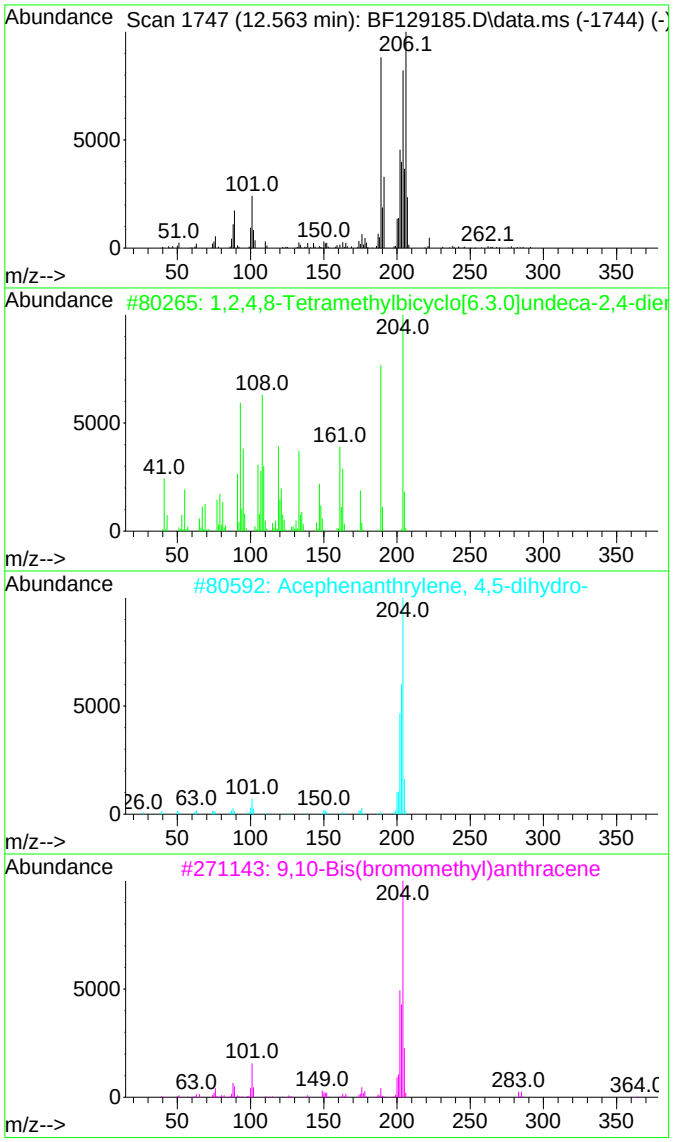
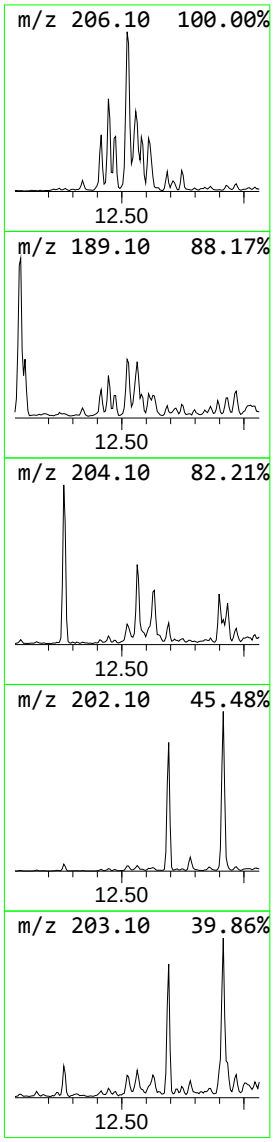
Peak Number 13 unknown12.563 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	2.61 ng	271861	Phenanthrene-d10	11.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	2-(4a,8-Dimethyl-2,3,4,5,6,7-hex...	222	C15H26O	1000411-50-0	30





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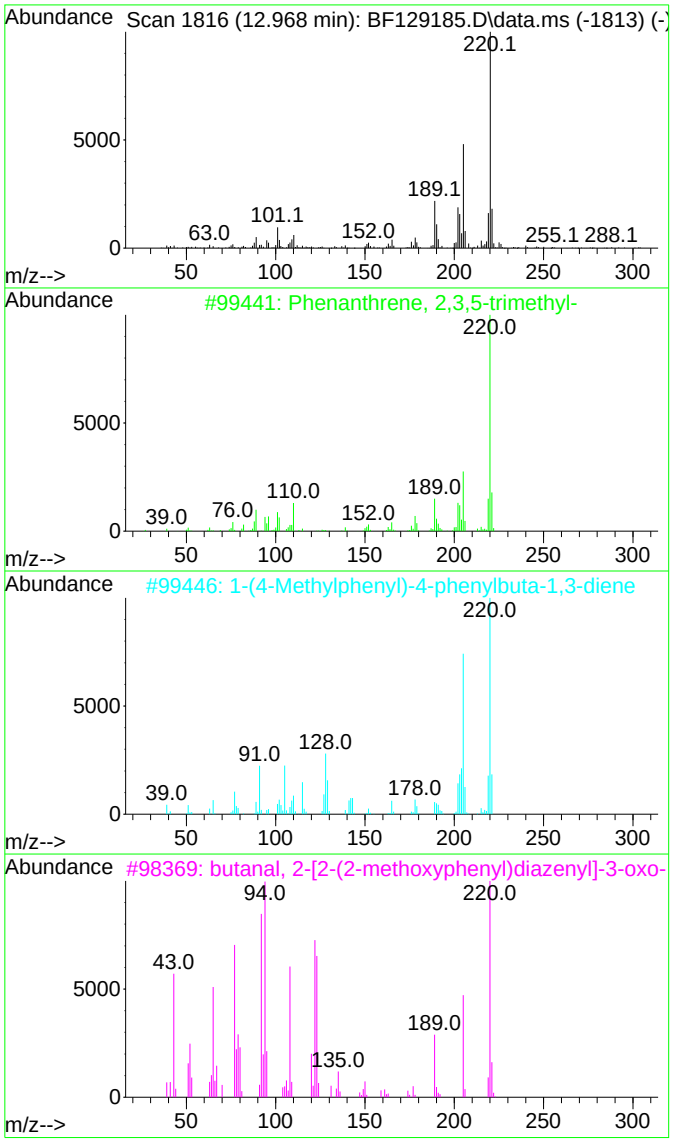
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

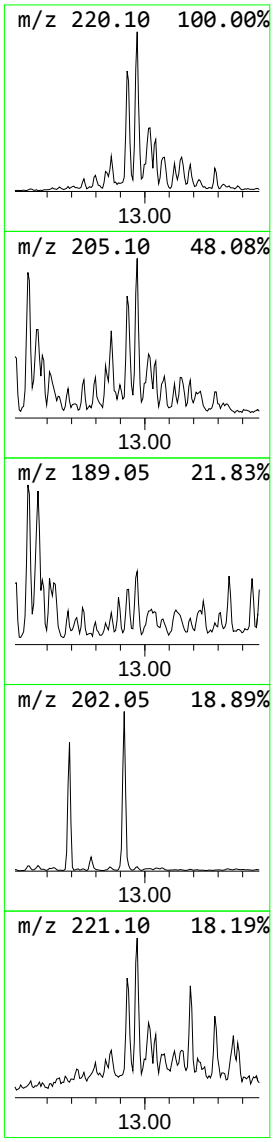
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	3.04 ng	261810	Chrysene-d12	14.115

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	64
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	64
4	5-Hydroxy-7-methoxy-2,6-dimethyl...	220	C12H12O4	000480-12-6	53
5	2-Benzofurancarboxylic acid, 6-m...	220	C12H12O4	1000349-99-8	53





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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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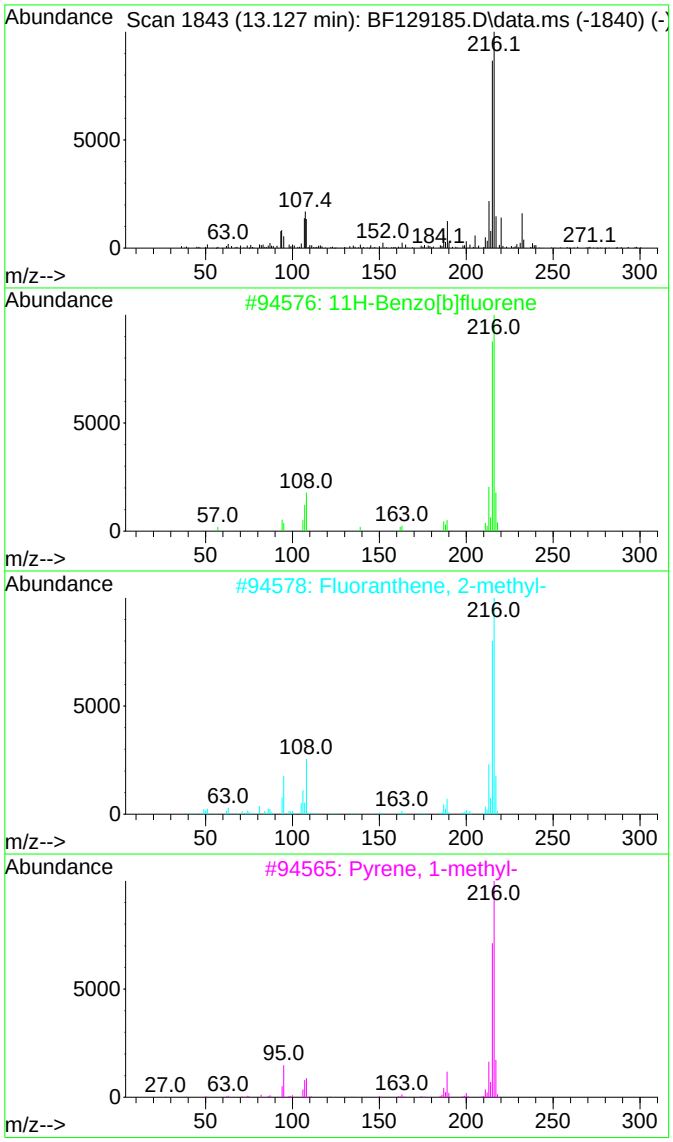
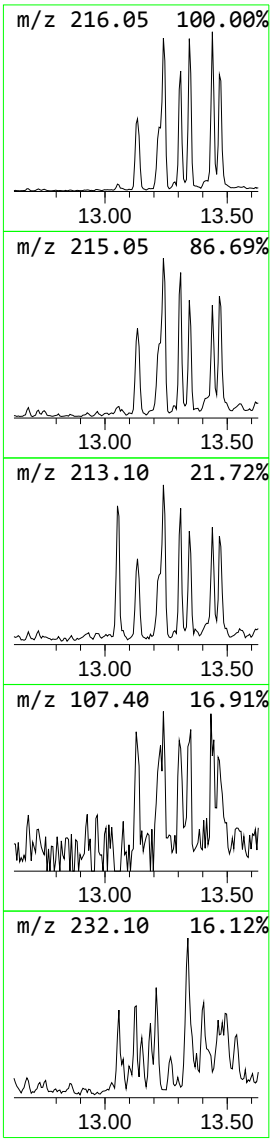
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.127	3.33 ng	286597	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58





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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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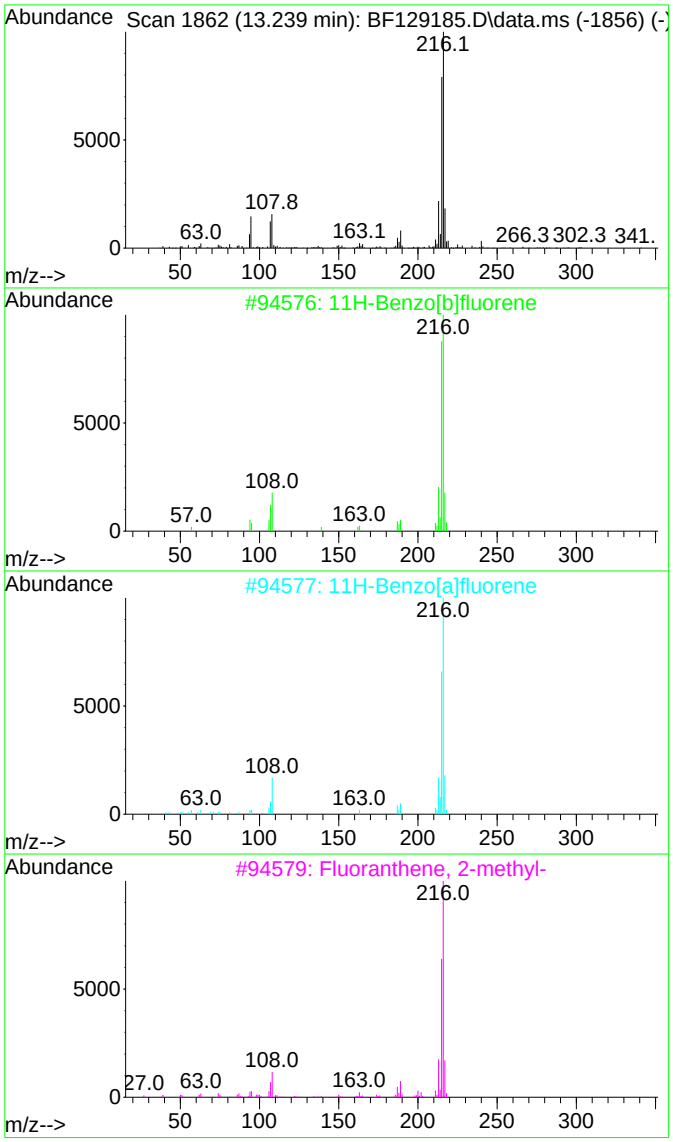
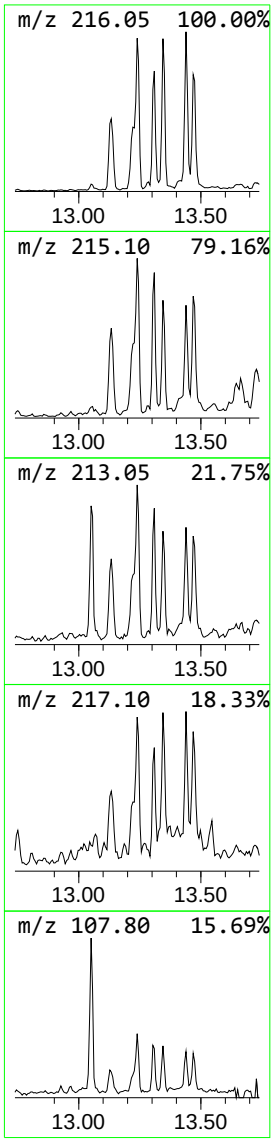
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	5.46 ng	469895	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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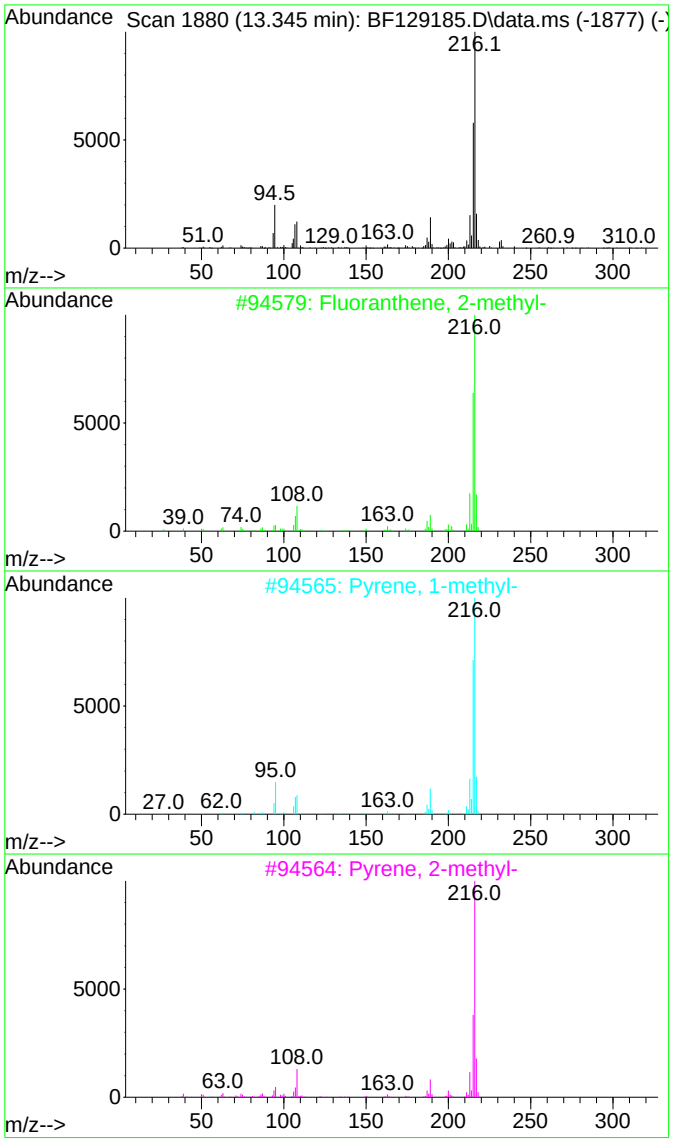
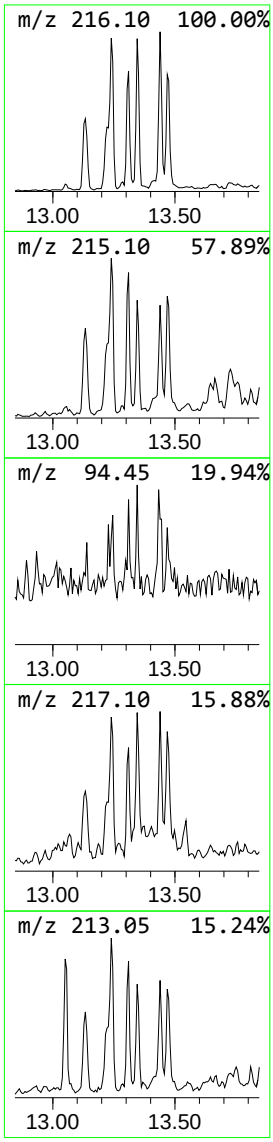
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	3.01 ng	259016	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	96
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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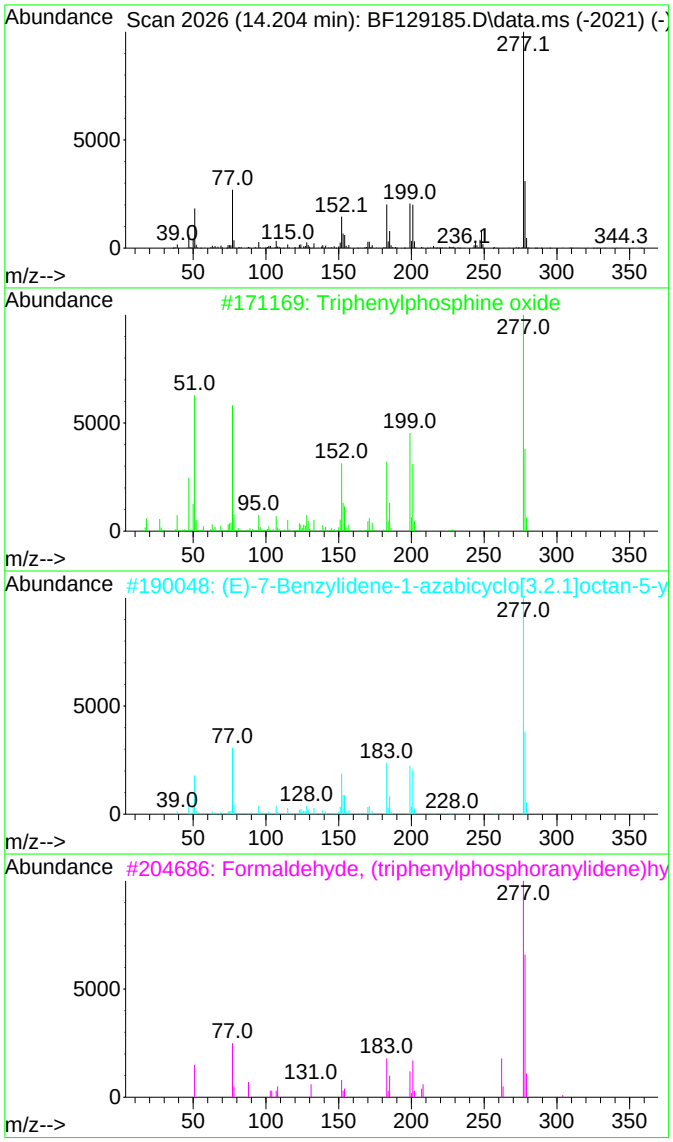
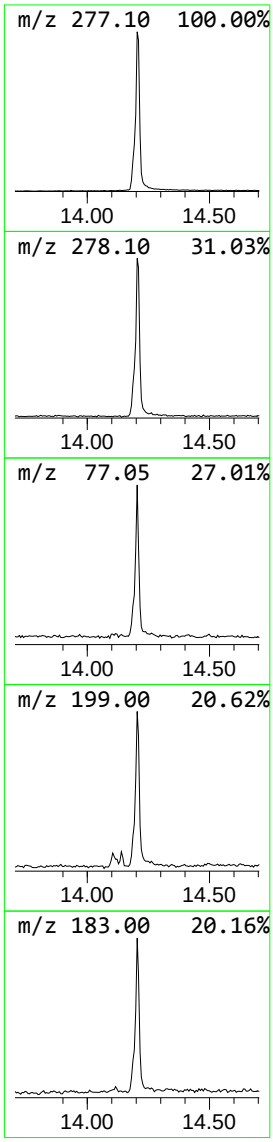
Peak Number 18 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.204	6.54 ng	562497	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	94
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
4	4-Nitro-4'-methyldiphenylsulfone	277	C13H11NO4S	004094-37-5	46
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38





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Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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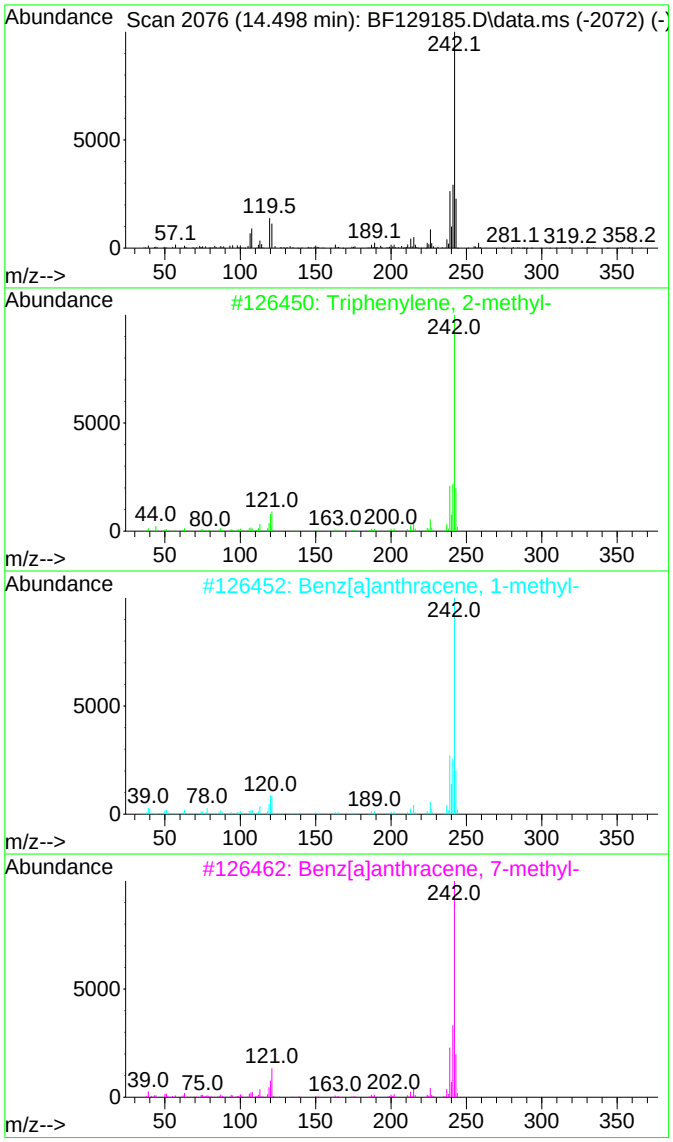
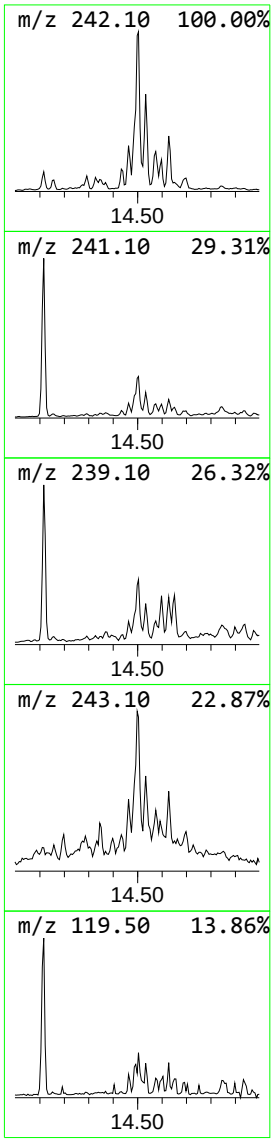
Peak Number 19 Triphenylene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	3.51 ng	302317	Chrysene-d12	14.115

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	96
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
5	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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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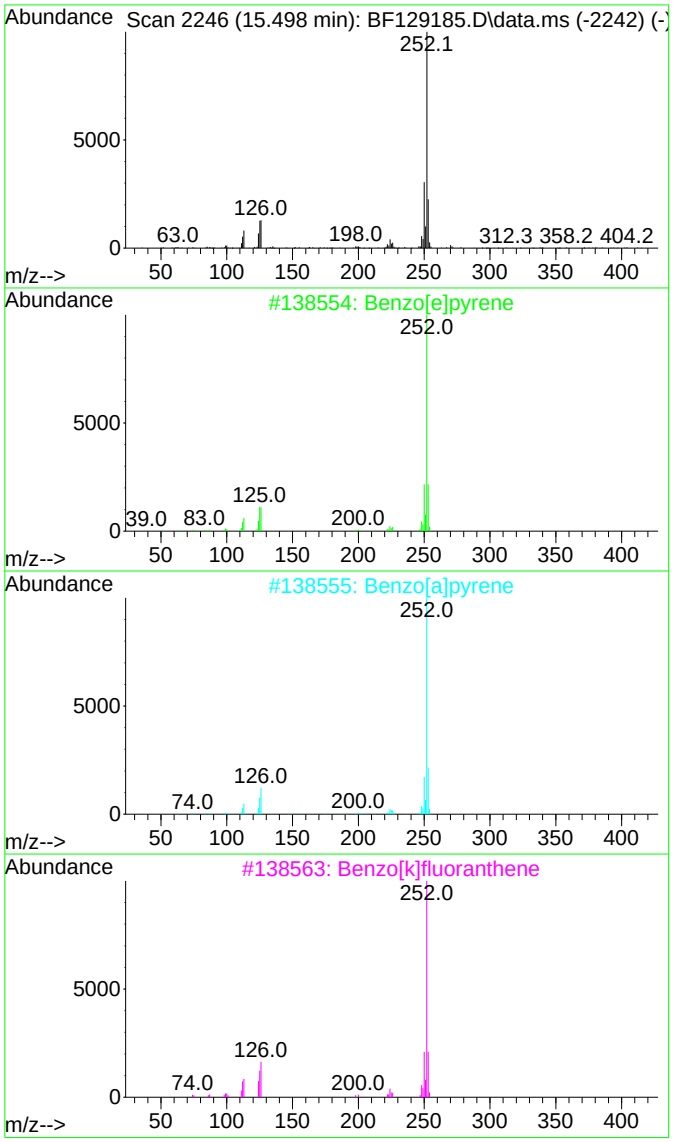
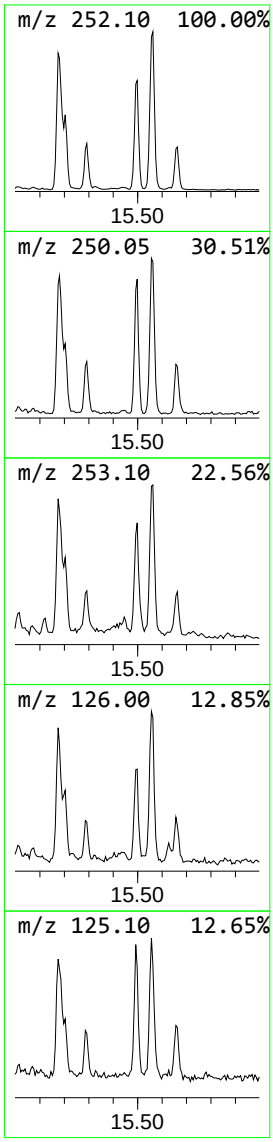
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.498	4.81 ng	254656	Perylene-d12	15.627

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	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129185.D
Acq On : 12 Jul 2022 12:59
Operator : CG\JU
Sample : N3648-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CMR-TP2-0708

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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
Butane, 2-metho...	2.316	33.7	ng	2850640	1	6.934	1690680	20.0
Naphthalene, 2,...	9.551	4.2	ng	485860	3	9.975	2341620	20.0
Naphthalene, 2,...	9.628	4.4	ng	518886	3	9.975	2341620	20.0
Biphenylene	9.833	3.0	ng	352520	3	9.975	2341620	20.0
Naphthalene, 2,...	10.175	2.9	ng	342691	3	9.975	2341620	20.0
Sulfurous acid,...	10.880	4.9	ng	509513	4	11.469	2086990	20.0
Hexadecane, 2,6...	11.345	2.8	ng	286656	4	11.469	2086990	20.0
Anthracene, 1-m...	11.969	7.4	ng	767810	4	11.469	2086990	20.0
Phenanthrene, 2...	11.998	5.1	ng	531594	4	11.469	2086990	20.0
unknown12.080	12.080	6.2	ng	646708	4	11.469	2086990	20.0
Phenanthrene, 1...	12.104	2.9	ng	297408	4	11.469	2086990	20.0
Phenanthrene, 2...	12.521	4.6	ng	479452	4	11.469	2086990	20.0
unknown12.563	12.563	2.6	ng	271861	4	11.469	2086990	20.0
Phenanthrene, 2...	12.969	3.0	ng	261810	5	14.115	1720500	20.0
11H-Benzo[b]flu...	13.127	3.3	ng	286597	5	14.115	1720500	20.0
11H-Benzo[a]flu...	13.239	5.5	ng	469895	5	14.115	1720500	20.0
Fluoranthene, 2...	13.345	3.0	ng	259016	5	14.115	1720500	20.0
Triphenylphosph...	14.204	6.5	ng	562497	5	14.115	1720500	20.0
Triphenylene, 2...	14.498	3.5	ng	302317	5	14.115	1720500	20.0
Benzo[e]pyrene	15.498	4.8	ng	254656	6	15.627	1059270	20.0