LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	17	21	28	rVB	94927	120619	2.32%	0.202%
2	4.369	383	388	390	rBV	47736	56969	1.10%	0.095%
3	4.398	390	393	399	rVB	116279	129812	2.50%	0.217%
4	5.034	493	501	504	rBV	3078562	4499125	86.56%	7.528%
5	5.428	563	568	571	rBV	3360743	3175682	61.10%	5.314%
6	5.828	633	636	641	rVB	337293	268970	5.17%	0.450%
7	6.439	734	740	743	rBV	4219182	5051811	97.19%	8.453%
8	6.816	800	804	807	rBV	1610978	1331705	25.62%	2.228%
9	7.375	893	899	902	rBV	3170506	3594889	69.16%	6.015%
10	8.004	1002	1006	1015	rBV	43682	71428	1.37%	0.120%
11	8.098	1017	1022	1025	rBV	2150621	1929974	37.13%	3.229%
12	8.810	1138	1143	1149	rVB	232514	178930	3.44%	0.299%
13	8.910	1155	1160	1163	rVB	179322	160126	3.08%	0.268%
14	9.175	1200	1205	1209	rBV	4943190	5197850	100.00%	8.698%
15	9.263	1216	1220	1226	rVB2	145662	165852	3.19%	0.278%
16	9.369	1235	1238	1243	rVB	89773	86213	1.66%	0.144%
17	9.433	1243	1249	1254	rBV	107741	151656	2.92%	0.254%
18	9.510	1258	1262	1264	rBV	206867	196203	3.77%	0.328%
19	9.539	1264	1267	1270	rVB	119034	108534	2.09%	0.182%
20	9.627	1279	1282	1284	rBV	98640	80456	1.55%	0.135%
21	9.851	1314	1320	1323	rBV	2297855	2100555	40.41%	3.515%
22	9.886	1323	1326	1330	rVV	285991	282368	5.43%	0.472%
23	9.957	1334	1338	1343	rBV	58886	84125	1.62%	0.141%
24	10.010	1343	1347	1351	rBV2	56439	72361	1.39%	0.121%
25	10.051	1351	1354	1358	rVB	108639	101974	1.96%	0.171%
26	10.263	1385	1390	1394	rBV5	102828	158712	3.05%	0.266%
27	10.398	1410	1413	1415	rBV	232608	193633	3.73%	0.324%
28	10.451	1419	1422	1423	rBV2	52791	58409	1.12%	0.098%
29	10.557	1438	1440	1444	rVB3	79951	94055	1.81%	0.157%
30	10.633	1450	1453	1458	rVB	1167225	1028105	19.78%	1.720%
31	10.763	1473	1475	1483	rVB4	78409	131052	2.52%	0.219%
32	10.933	1501	1504	1509	rBV4	65863	102729	1.98%	0.172%
33	11.051	1521	1524	1527	rBV	94467	92785	1.79%	0.155%
34	11.139	1535	1539	1544	rVB	321985	273919	5.27%	0.458%
35	11.186	1544	1547	1550	rBV4	50289	63819	1.23%	0.107%
36	11.233	1552	1555	1561	rVB	306650	339392	6.53%	0.568%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.304	1564	1567	1569	rBV2	71442	64278	1.24%	0.108%
38	11.339	1569	1573	1575	rVV	2051598	2158653	41.53%	3.612%
39	11.363	1575	1577	1580	rVV	2934476	2183783	42.01%	3.654%
40	11.410	1582	1585	1589	rVB	439699	369908	7.12%	0.619%
41	11.510	1600	1602	1607	rVB2	102749	100800	1.94%	0.169%
42	11.633	1620	1623	1626	rBV2	118310	95905	1.85%	0.160%
43	11.663	1626	1628	1631	rVB	219885	193787	3.73%	0.324%
44	11.751	1640	1643	1646	rVB2	99179	116237	2.24%	0.195%
45	11.792	1647	1650	1652	rBV2	78159	87544	1.68%	0.146%
46	11.839	1654	1658	1660	rVV	573858	524448	10.09%	0.878%
47	11.863	1660	1662	1666	rVV	614940	527219	10.14%	0.882%
48	11.910	1666	1670	1673	rVV2	112902	119507	2.30%	0.200%
49	11.945	1673	1676	1679	rVV	571546	662634	12.75%	1.109%
50	11.968	1679	1680	1684	rVB	461234	310787	5.98%	0.520%
51	12.021	1686	1689	1691	rBV3	63476	64953	1.25%	0.109%
52	12.133	1705	1708	1709	rBV	358618	292576	5.63%	0.490%
53	12.151	1709	1711	1718	rVB2	453524	417734	8.04%	0.699%
54	12.210	1718	1721	1728	rVB3	62996	88732	1.71%	0.148%
55	12.280	1731	1733	1736	rVB2	108567	83914	1.61%	0.140%
56	12.315	1736	1739	1740	rBV	74540	77426	1.49%	0.130%
57	12.386	1747	1751	1754	rBV2	224384	244836	4.71%	0.410%
58	12.421	1754	1757	1759	rVV2	135489	162396	3.12%	0.272%
59	12.468	1762	1765	1770	rVB2	240378	241207	4.64%	0.404%
60	12.545	1775	1778	1782	rVB	1239078	1042549	20.06%	1.745%
61	12.674	1797	1800	1802	rBV	153005	131066	2.52%	0.219%
62	12.698	1802	1804	1806	rVV	97632	96412	1.85%	0.161%
63	12.774	1810	1817	1824	rVV	1748369	1804505	34.72%	3.020%
64	12.827	1824	1826	1831	rVB3	84982	99724	1.92%	0.167%
65	12.927	1838	1843	1846	rBV	4397071	4348303	83.66%	7.276%
66	12.992	1848	1854	1858	rBV3	147746	225219	4.33%	0.377%
67	13.080	1866	1869	1871	rBV3	122613	157794	3.04%	0.264%
68	13.168	1880	1884	1887	rBV4	87544	94368	1.82%	0.158%
69	13.204	1887	1890	1893	rBV	232451	224500	4.32%	0.376%
70	13.298	1903	1906	1908	rBV	172490	140585	2.70%	0.235%
71	13.327	1908	1911	1914	rVB	194362	164765	3.17%	0.276%
72	13.410	1919	1925	1931	rBV	2766448	2723975	52.41%	4.558%
73	13.504	1939	1941	1943	rVB	69305	54980	1.06%	0.092%
74	13.604	1956	1958	1961	rBV	177744	142243	2.74%	0.238%
75	13.710	1973	1976	1980	rBV2	134270	183128	3.52%	0.306%
76	13.751	1980	1983	1985	rVV	139556	131791	2.54%	0.221%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

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-BF121521.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.768	1985	1986	1990	rVB2	72117	53890	1.04%	0.090%
78	13.810	1990	1993	1995	rBV2	128120	136130	2.62%	0.228%
79	13.845	1995	1999	2013	rVV5	180006	633530	12.19%	1.060%
80	13.968	2015	2020	2023	rVV2	1616586	1953494	37.58%	3.269%
81	13.998	2023	2025	2031	rVB	461309	434867	8.37%	0.728%
82	14.068	2032	2037	2041	rBV	395136	454891	8.75%	0.761%
83	14.151	2048	2051	2056	rVB	94026	93914	1.81%	0.157%
84	14.357	2082	2086	2089	rBV	123547	114169	2.20%	0.191%
85	14.392	2089	2092	2095	rVB	94953	89487	1.72%	0.150%
86	14.451	2095	2102	2105	rBV3	112661	151656	2.92%	0.254%
87	14.757	2152	2154	2160	rVB3	96727	110911	2.13%	0.186%
88	14.827	2162	2166	2172	rBV3	61759	95446	1.84%	0.160%
89	14.998	2190	2195	2203	rBV3	188815	404325	7.78%	0.677%
90	15.092	2207	2211	2218	rVB2	100358	136883	2.63%	0.229%
91	15.292	2241	2245	2251	rBV	123694	139843	2.69%	0.234%
92	15.351	2251	2255	2260	rVV	180056	196692	3.78%	0.329%
93	15.415	2261	2266	2272	rVV2	946058	1192760	22.95%	1.996%
94	15.468	2272	2275	2279	rVB	97838	119438	2.30%	0.200%
95	15.898	2343	2348	2356	rBV2	77379	131016	2.52%	0.219%
96	16.398	2428	2433	2439	rBV4	49973	94711	1.82%	0.158%
97	16.833	2502	2507	2516	rVB2	53228	114746	2.21%	0.192%
98	16.974	2526	2531	2536	rBV3	26230	65071	1.25%	0.109%
99	17.262	2575	2580	2588	rVB3	43336	91849	1.77%	0.154%
100	17.668	2644	2649	2656	rVB7	27322	61580	1.18%	0.103%

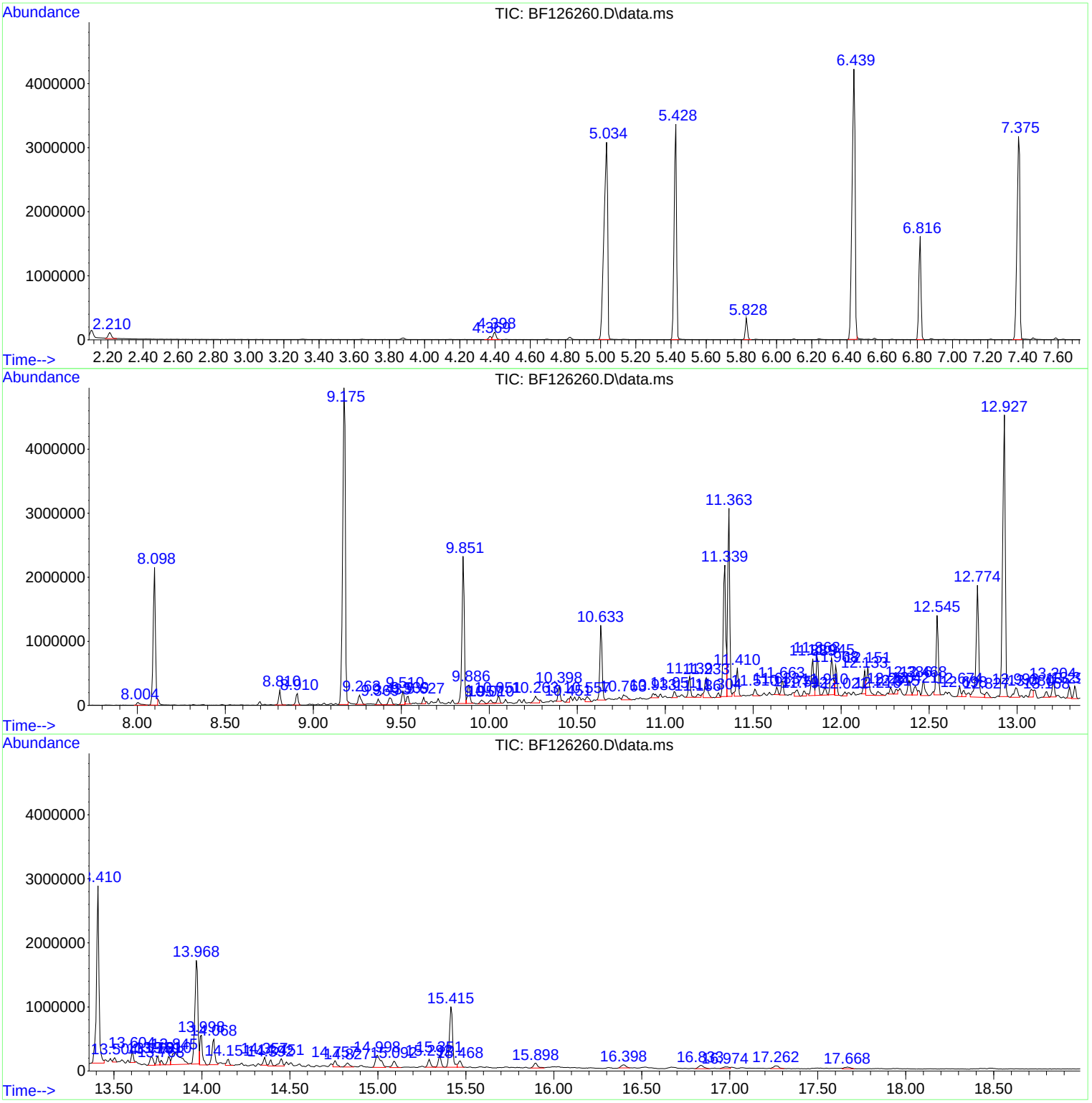
Sum of corrected areas: 59761267

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
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Sample : M5168-05
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Instrument :
BNA_F
ClientSampleId :
SB-01-C

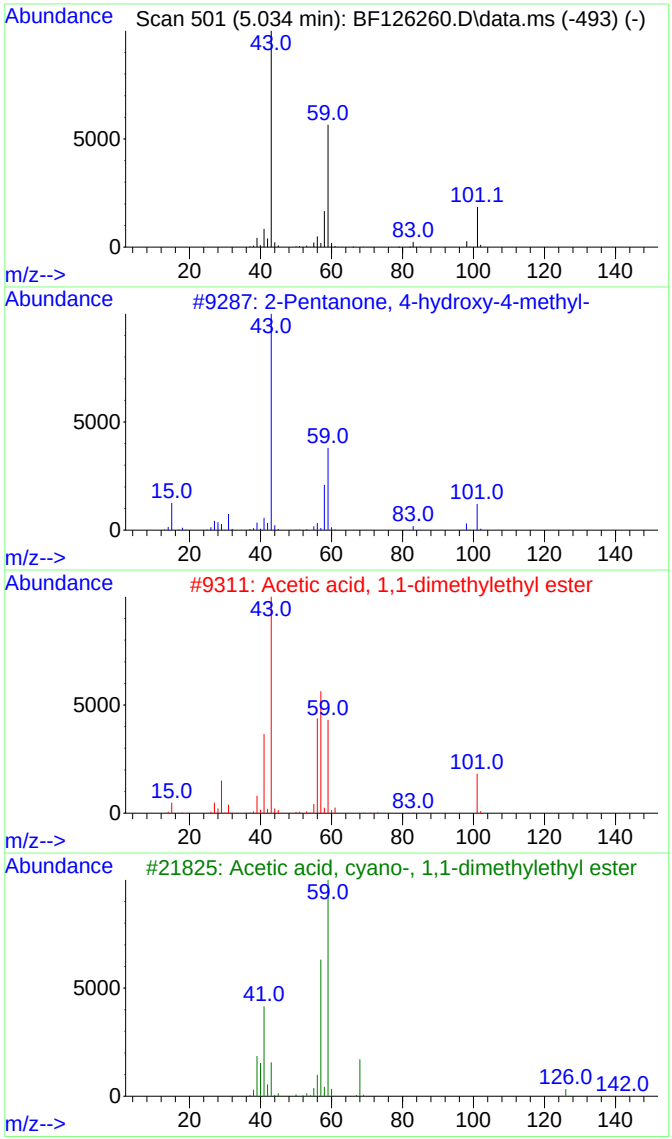
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

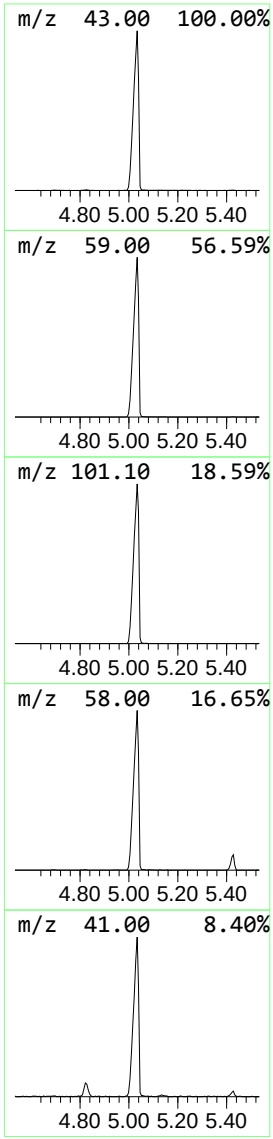
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	67.57 ng	4499130	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

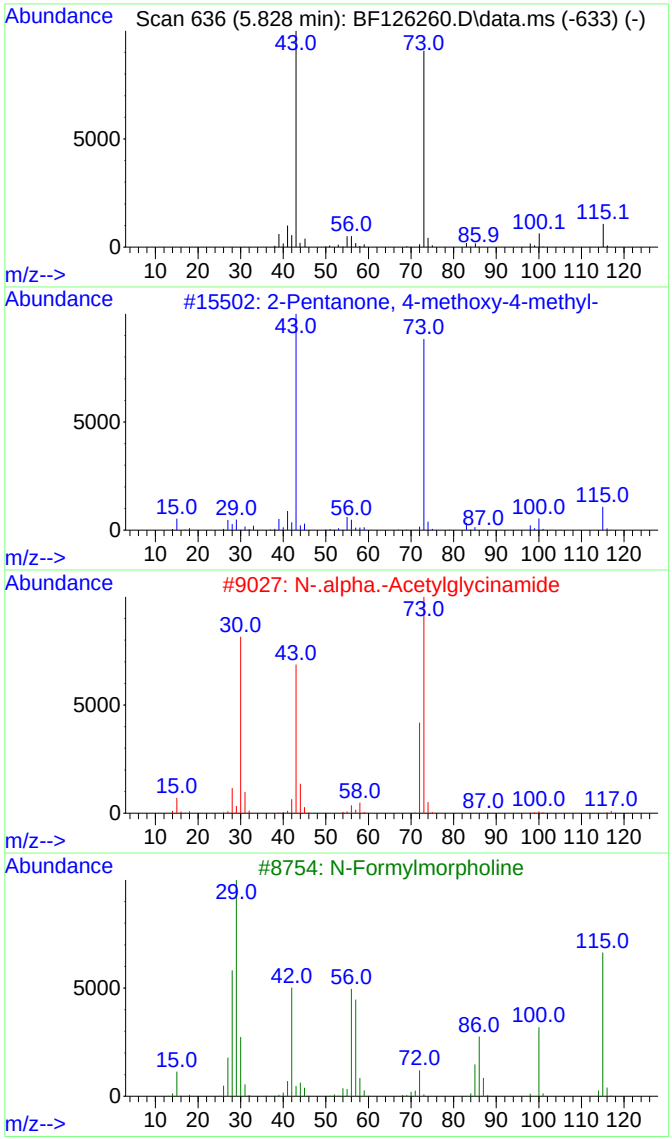
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

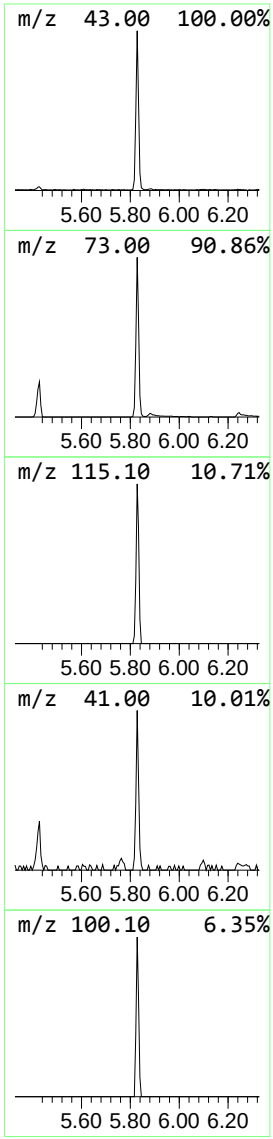
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	4.04 ng	268970	1,4-Dichlorobenzene-d4	6.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	90
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	N-Formylmorpholine	115	C5H9NO2	004394-85-8	10
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

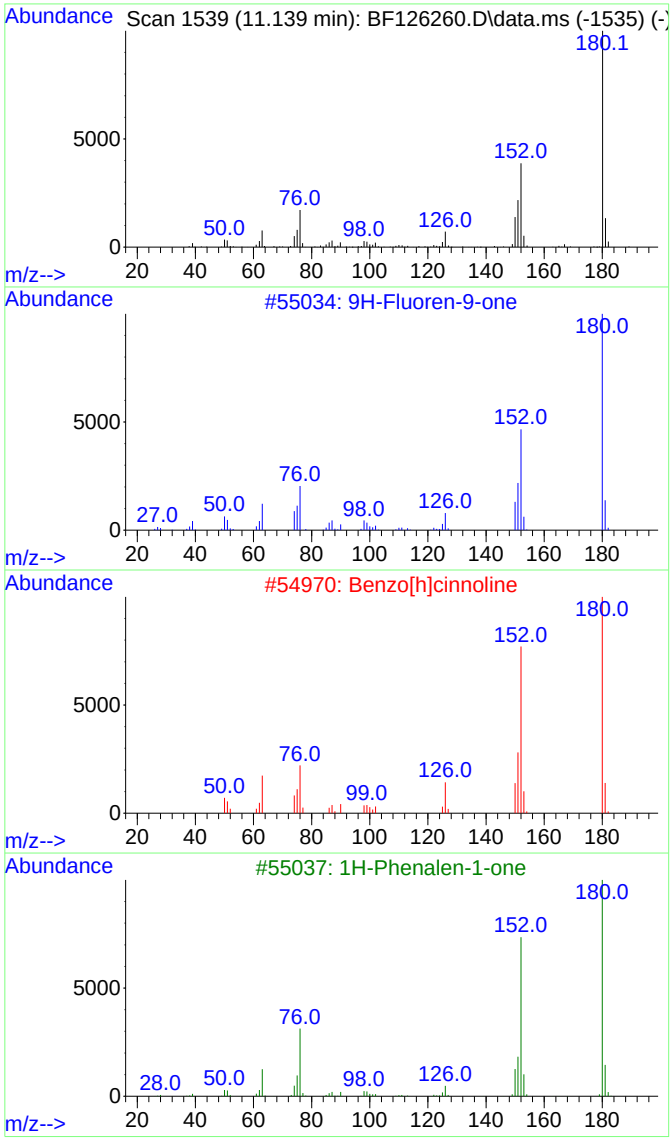
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

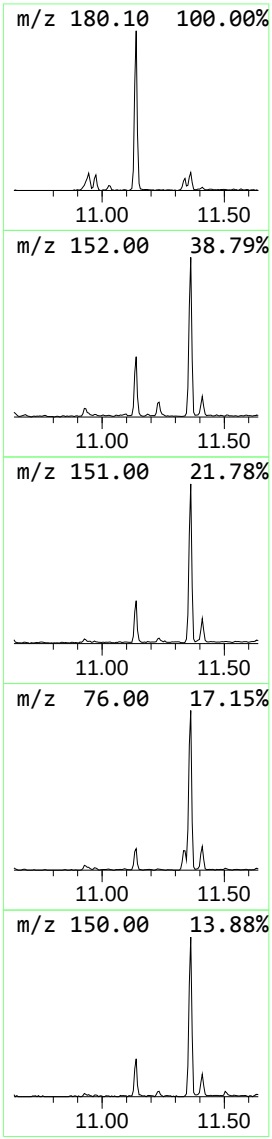
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	2.54 ng	273919	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

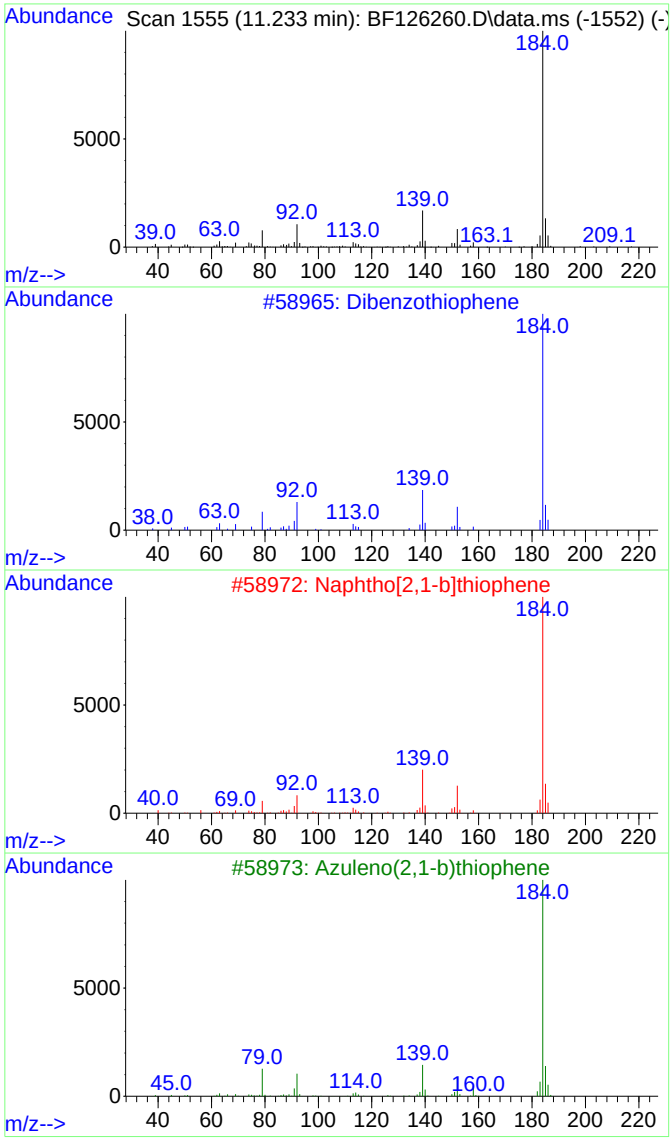
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

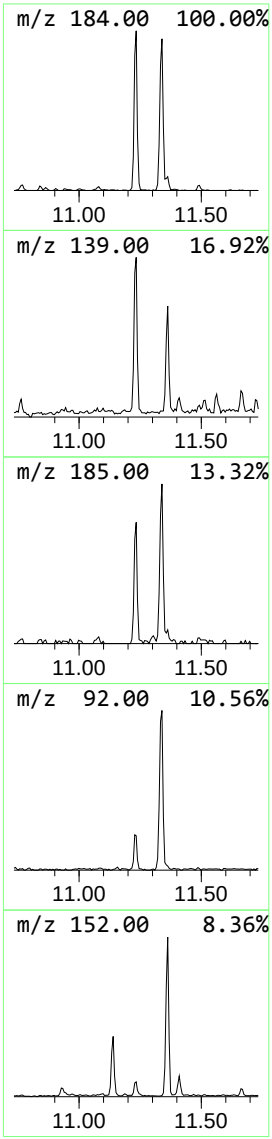
****

Peak Number 4 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	3.14 ng	339392	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

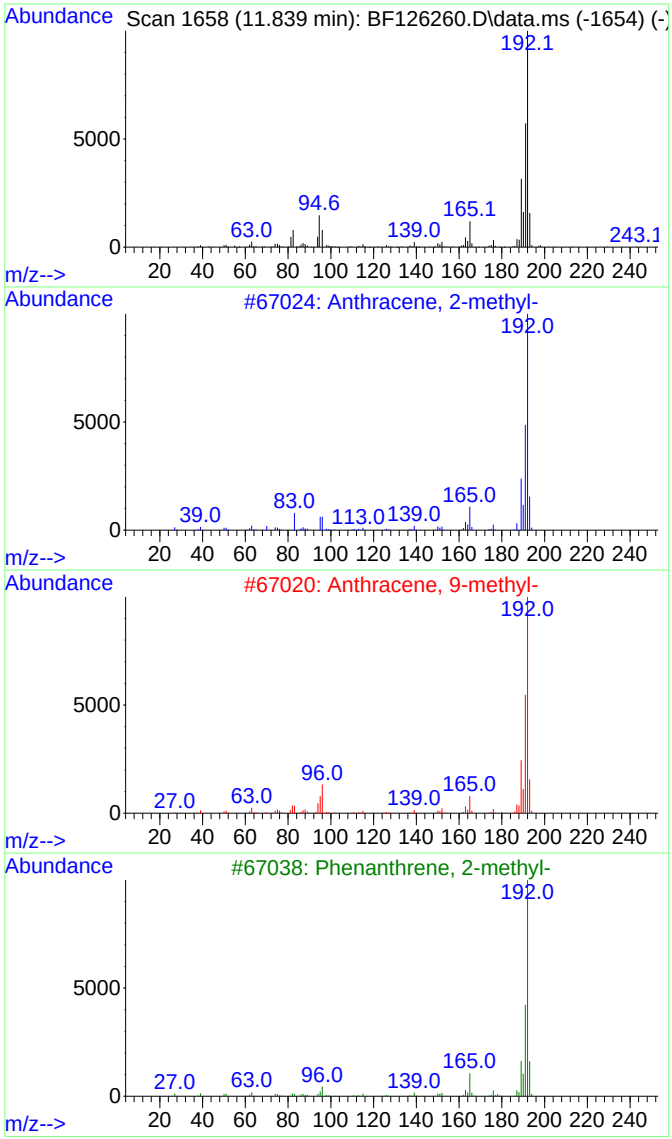
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

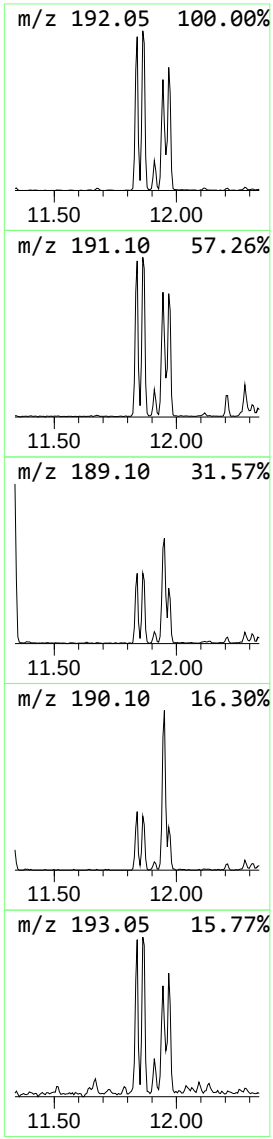
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	4.86 ng	524448	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Operator : JU/CG
Sample : M5168-05
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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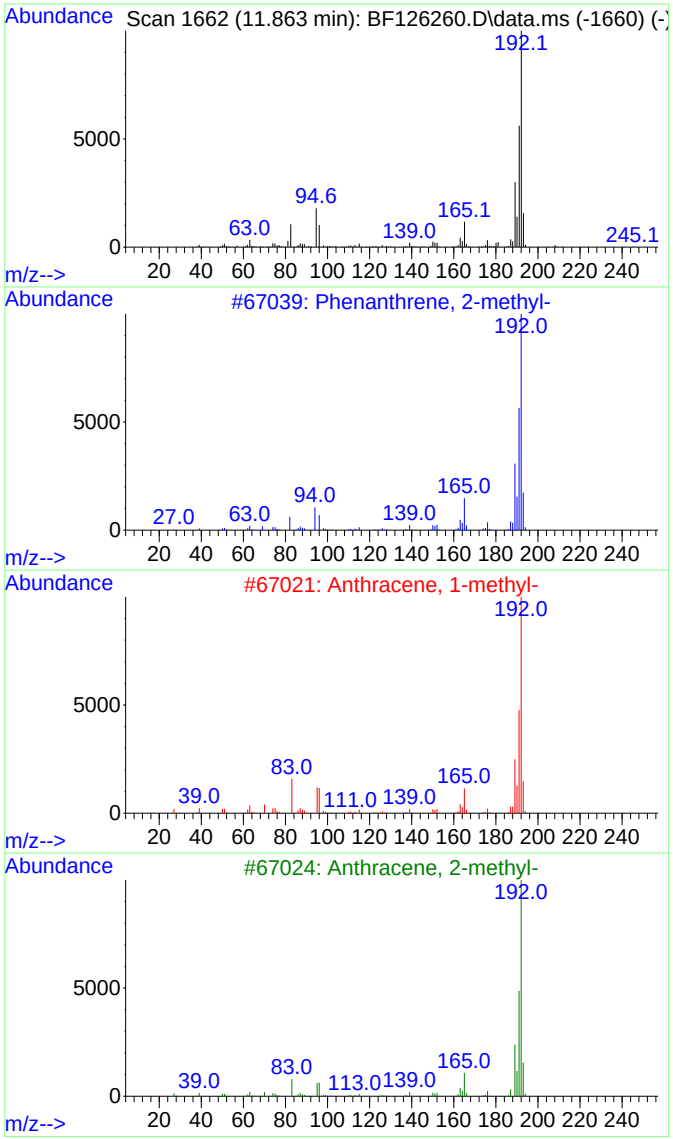
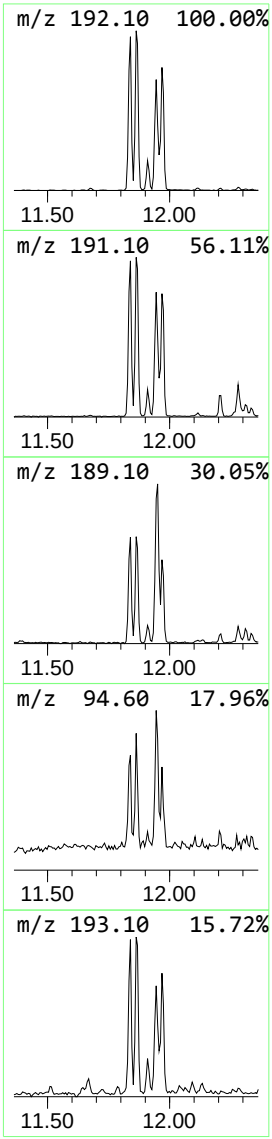
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.863	4.88 ng	527219	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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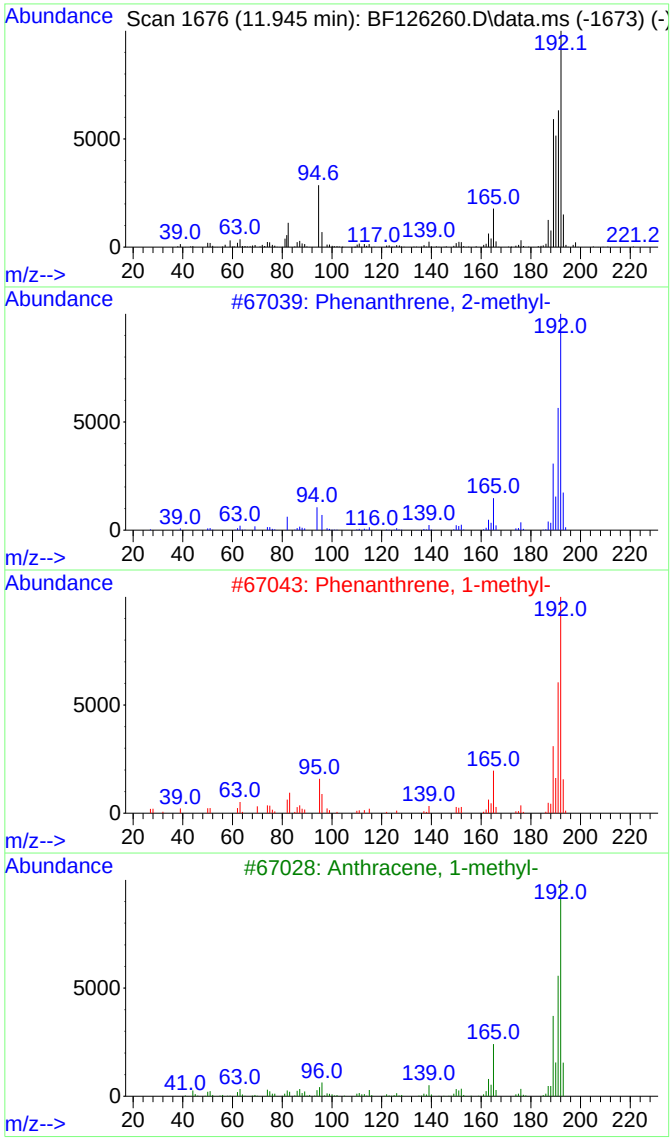
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

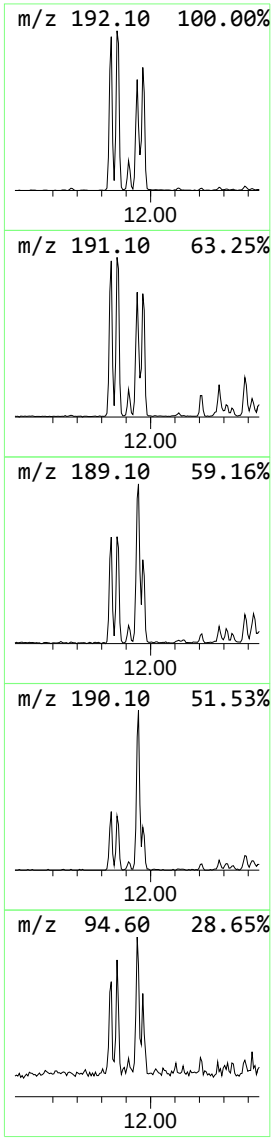
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	6.14 ng	662634	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60





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

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

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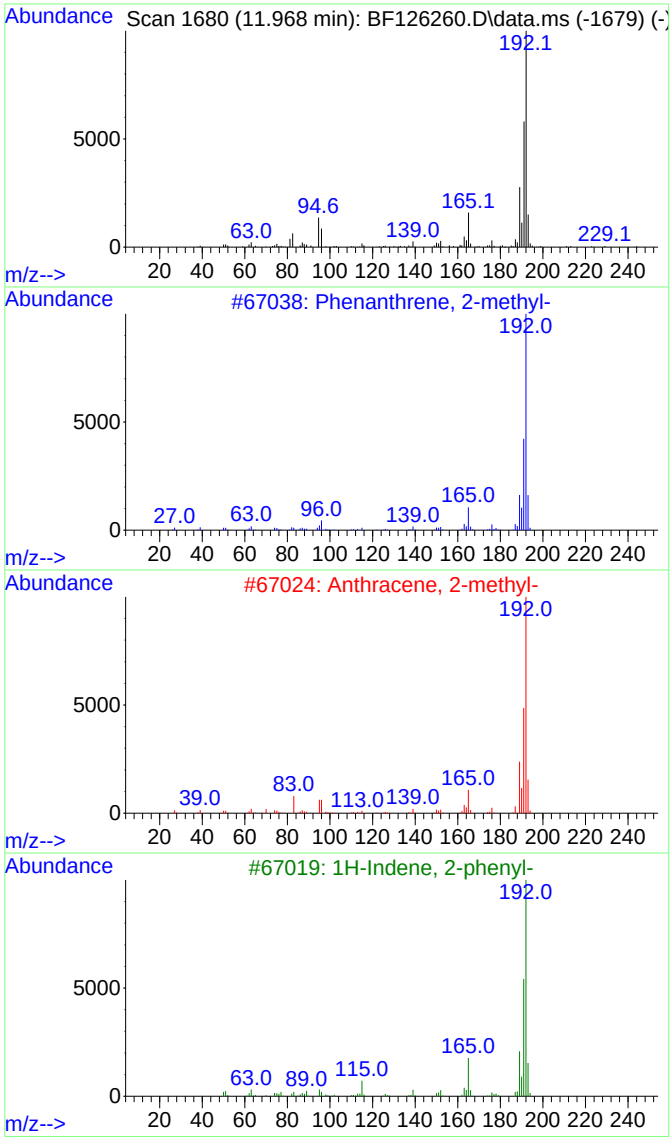
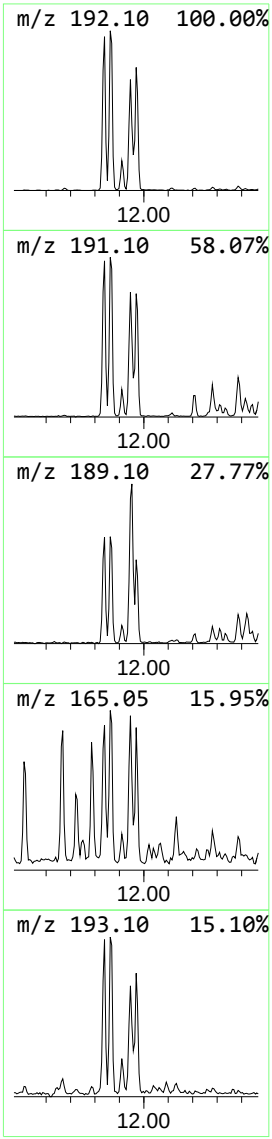
Peak Number 8 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	2.88 ng	310787	Phenanthrene-d10	11.339

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





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Instrument :
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ClientSampleId :
SB-01-C

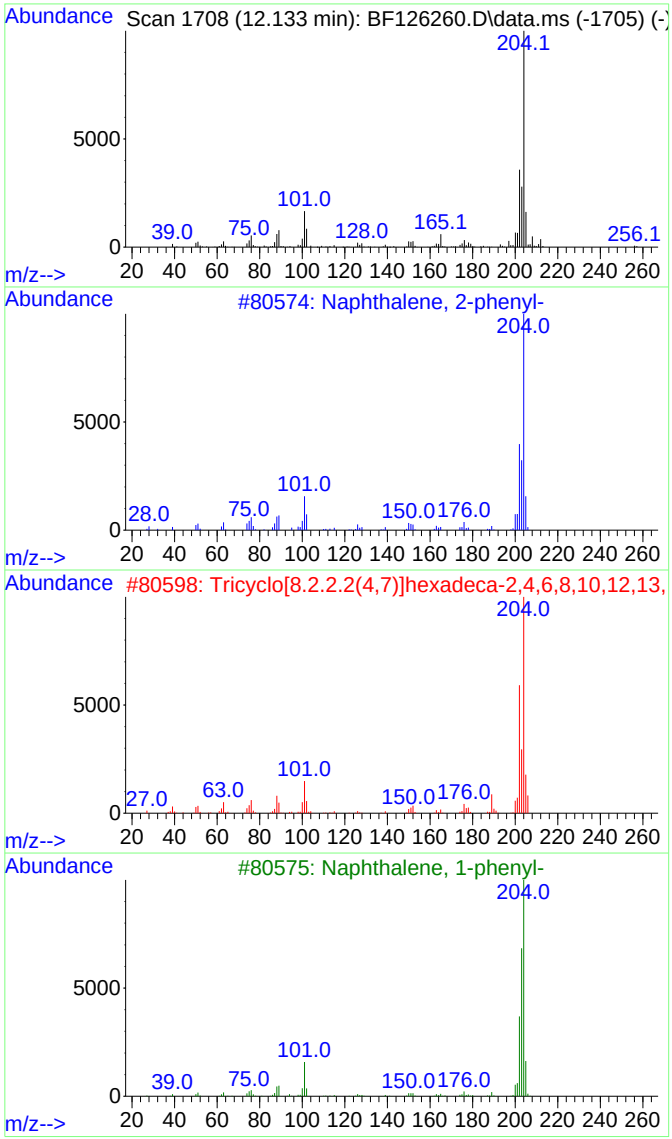
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

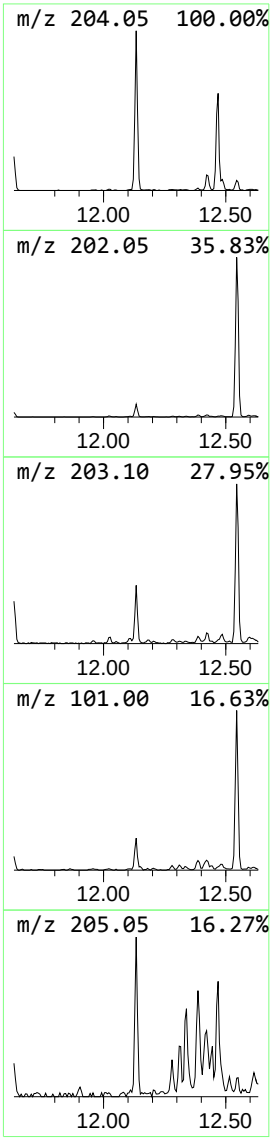
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	2.71 ng	292576	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86





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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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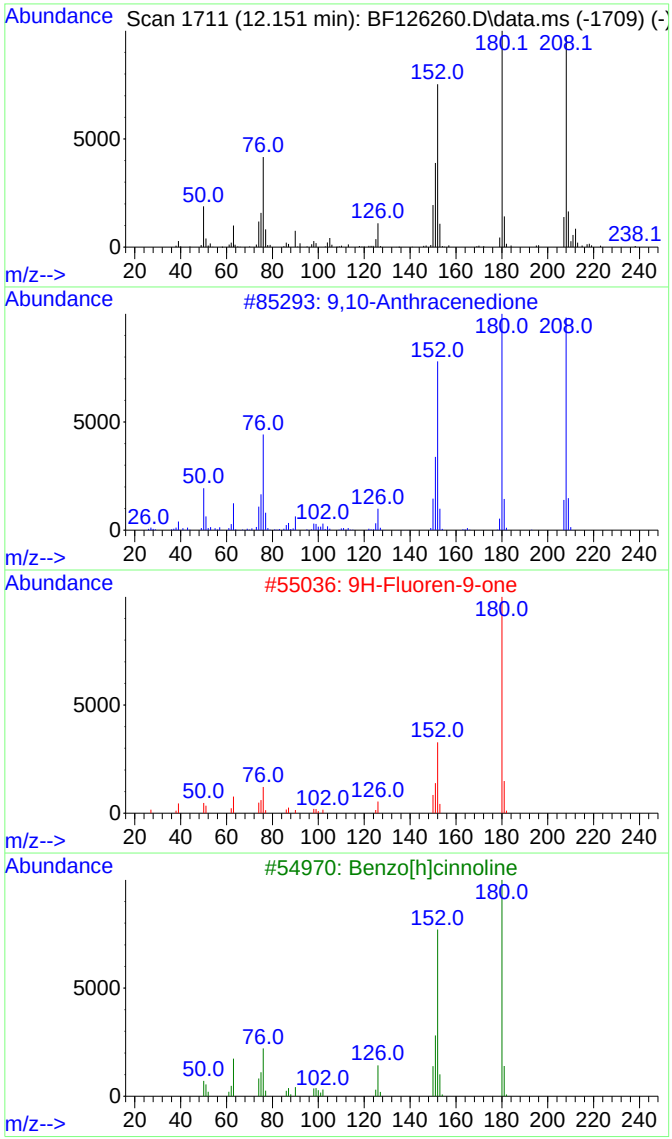
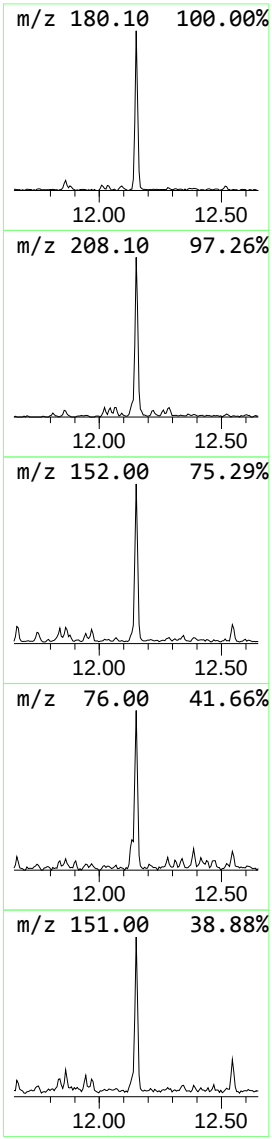
Peak Number 10 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	3.87 ng	417734	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	58
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53
5	Diphenic anhydride	224	C14H8O3	006050-13-1	49





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

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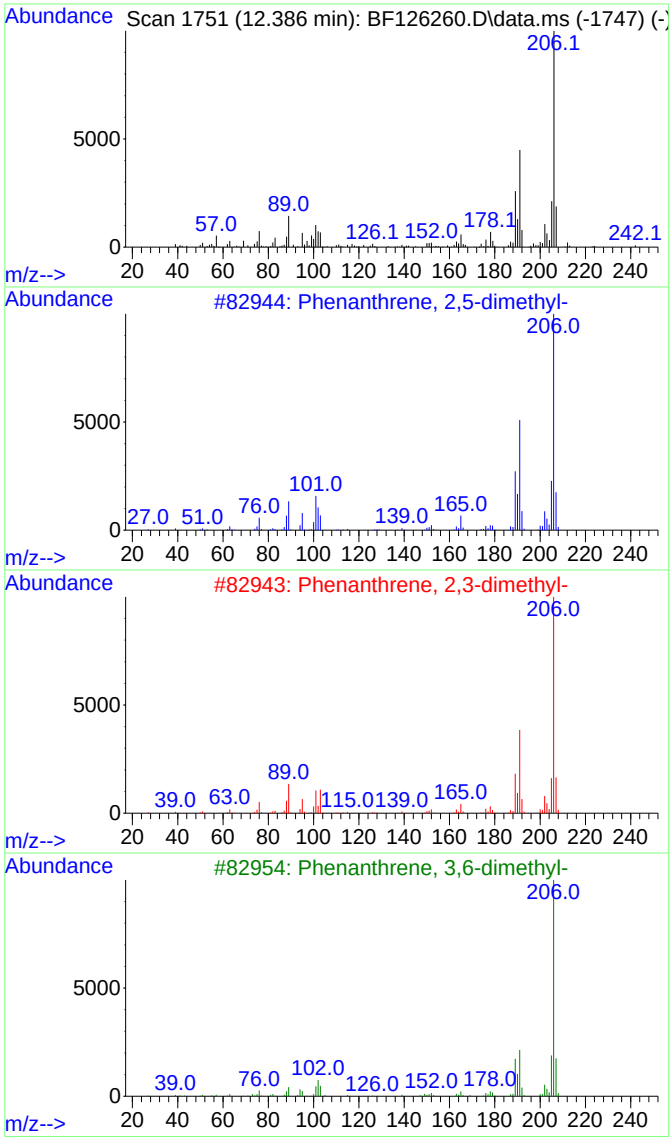
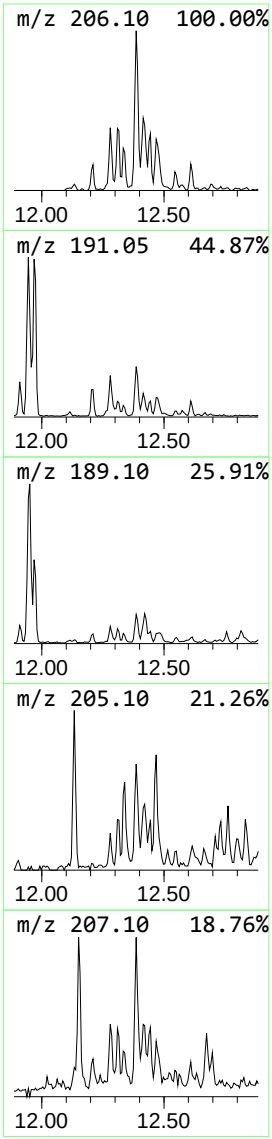
Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	2.27 ng	244836	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93





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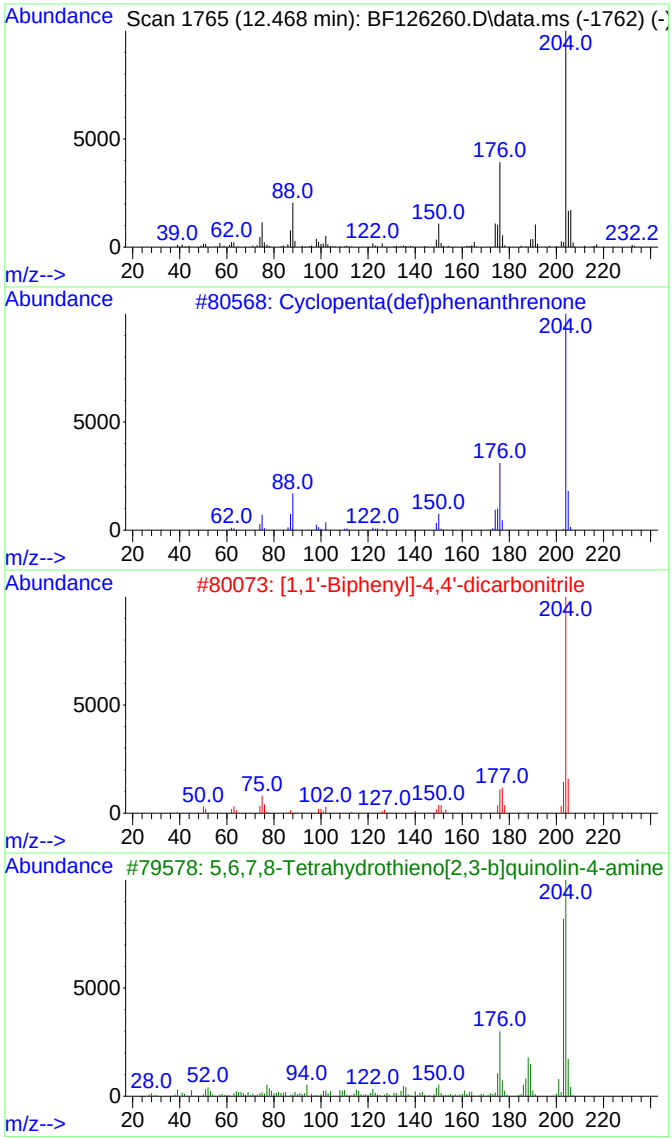
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

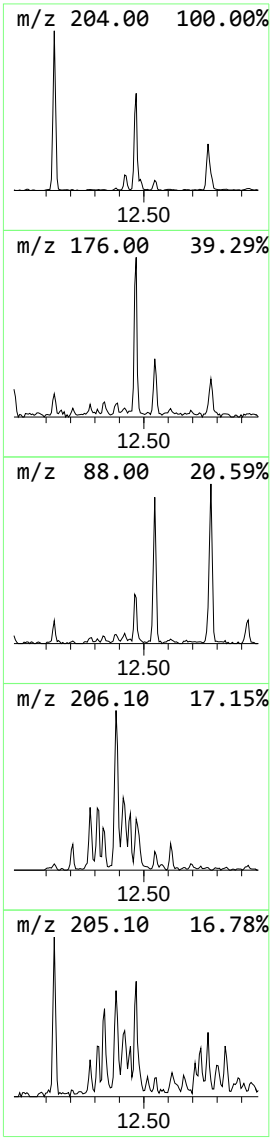
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.468	2.23 ng	241207	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
5	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	42





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TIC Library : C:\Database\NIST20.L
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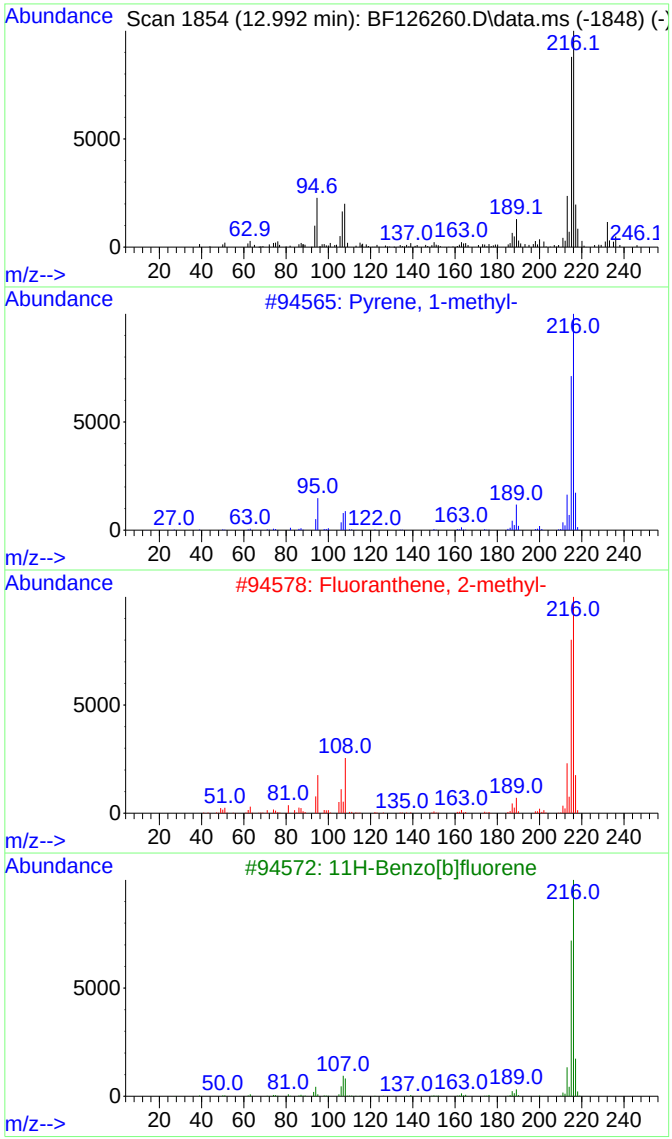
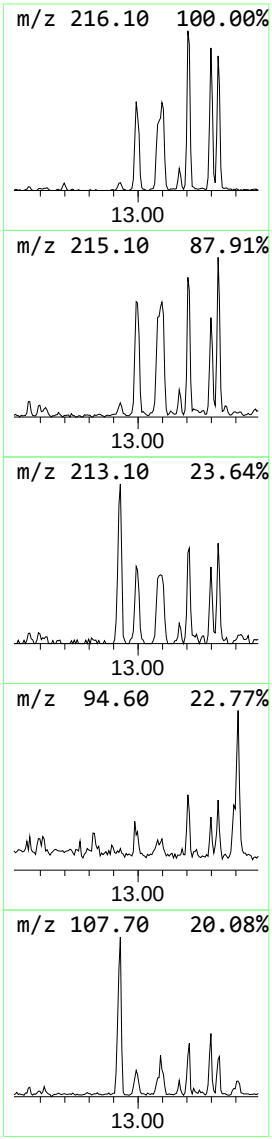
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	2.31 ng	225219	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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TIC Library : C:\Database\NIST20.L
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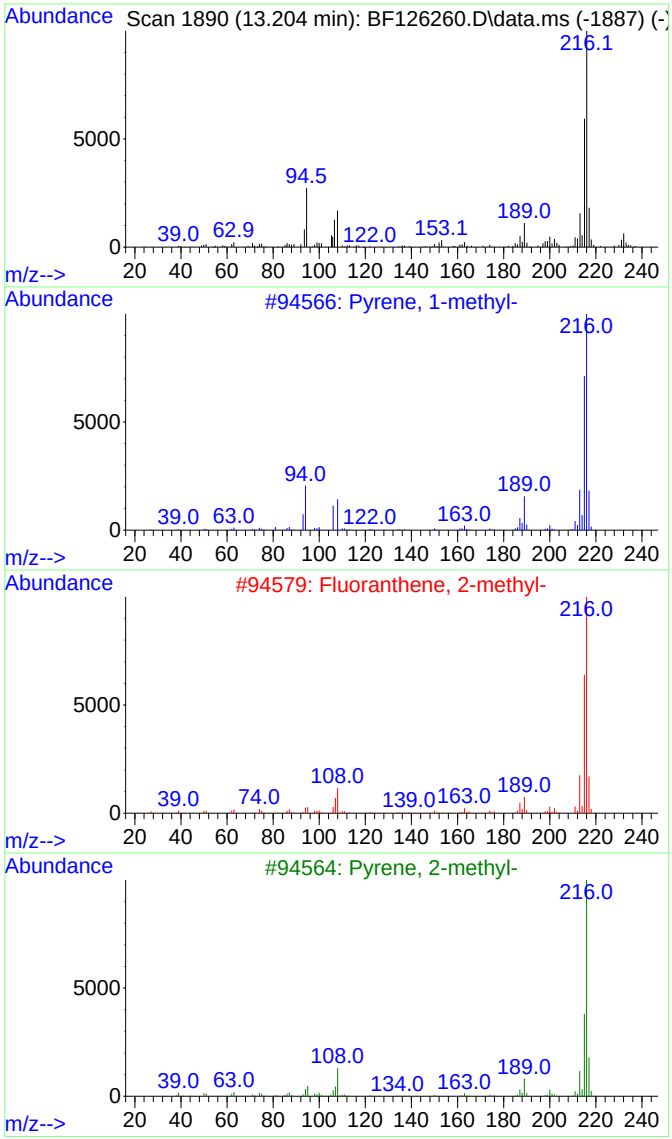
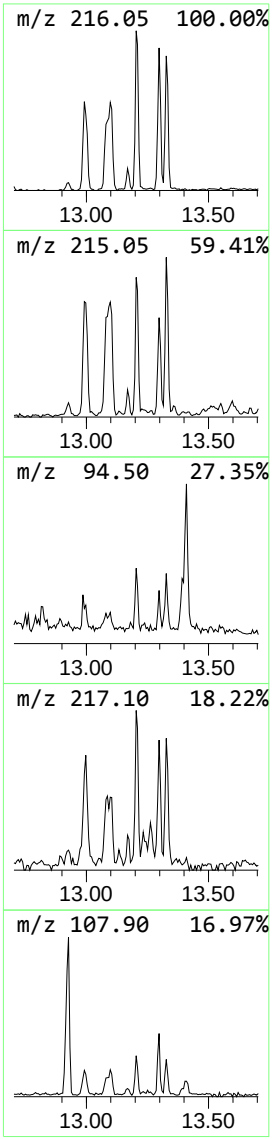
Peak Number 14 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	2.30 ng	224500	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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TIC Library : C:\Database\NIST20.L
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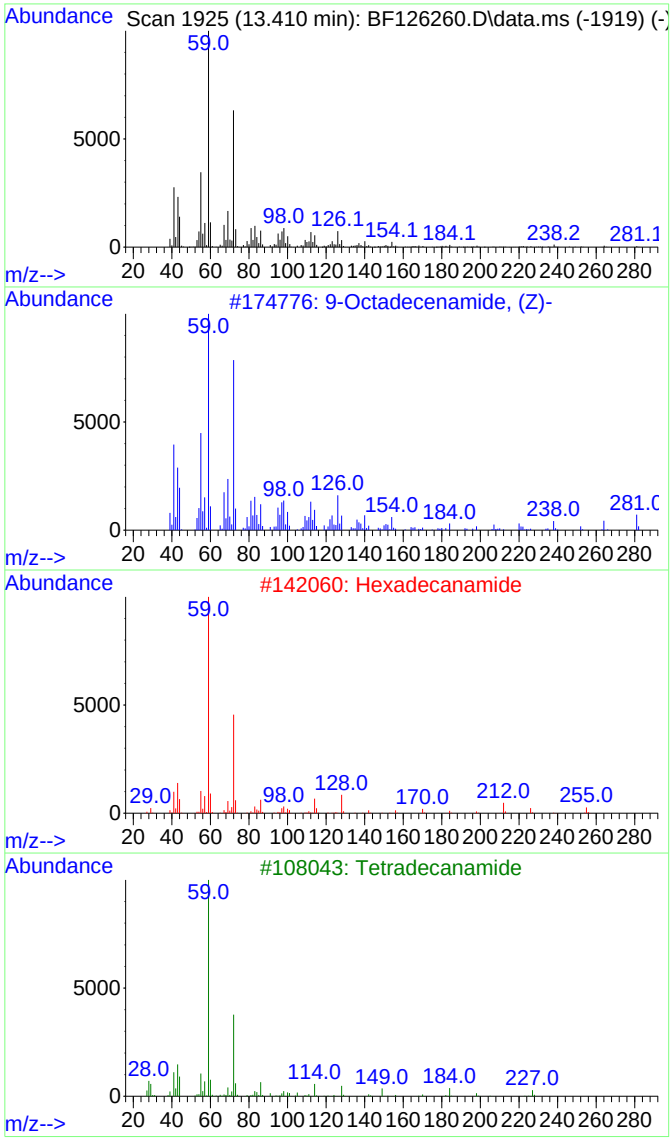
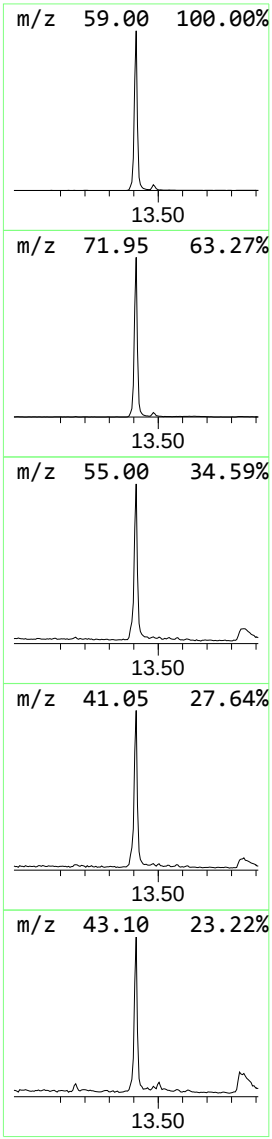
Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	27.89 ng	2723980	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	96
2	Hexadecanamide	255	C16H33NO	000629-54-9	78
3	Tetradecanamide	227	C14H29NO	000638-58-4	72
4	2,11-Dimethyl-2,11-dodecanediol	230	C14H30O2	022092-59-7	43
5	Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	43





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

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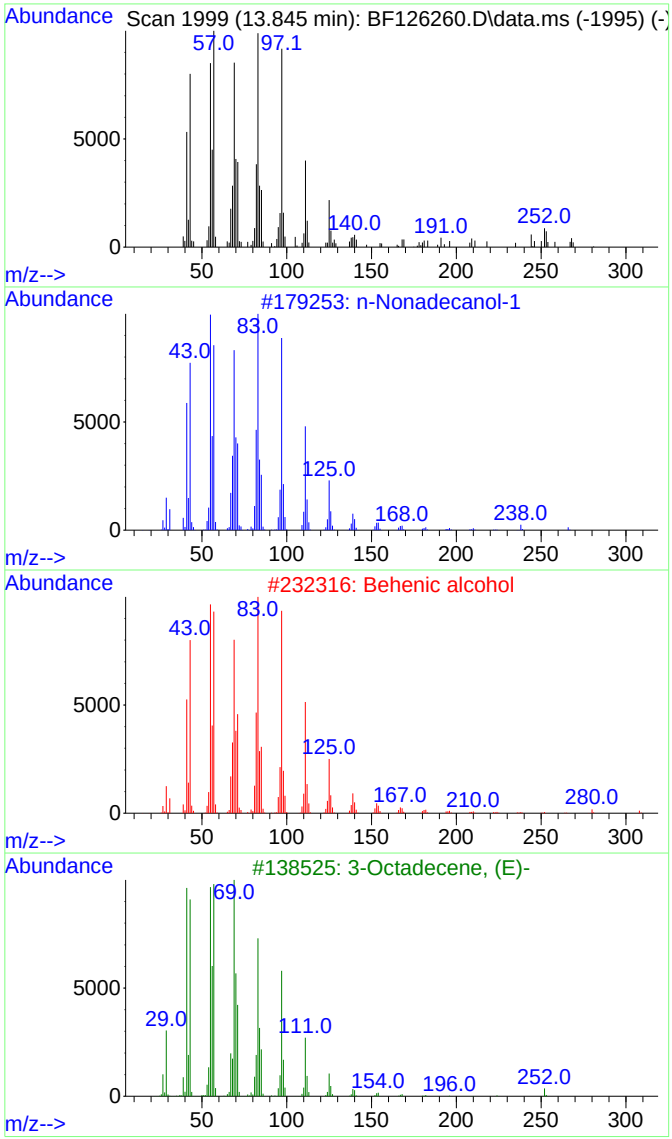
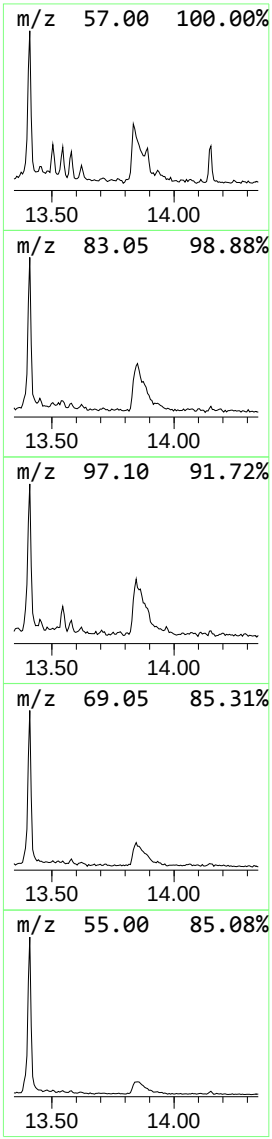
Peak Number 16 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	6.49 ng	633530	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
5	1-Octadecanol	270	C18H38O	000112-92-5	93





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ALS Vial : 14 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

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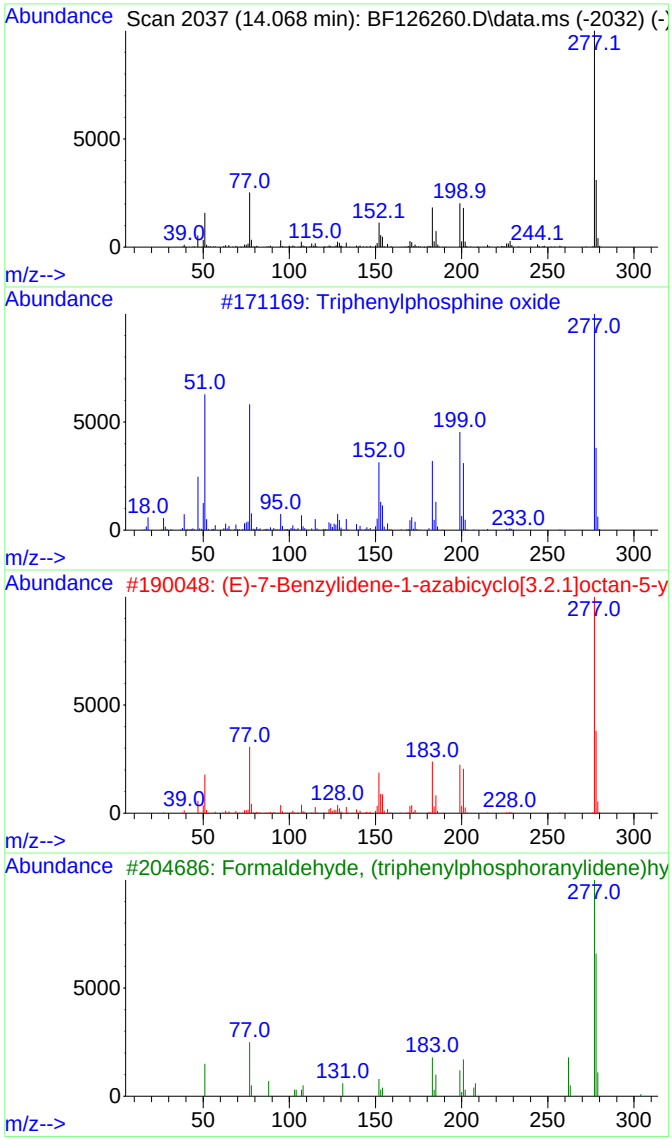
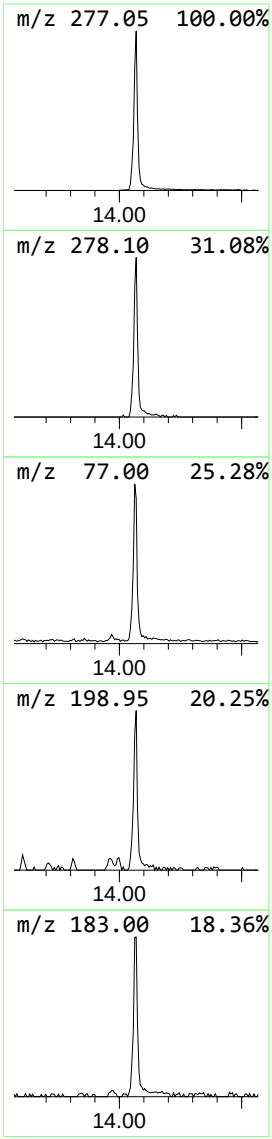
Peak Number 17 Triphenylphosphine oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.068	4.66 ng	454891	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	93
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	62
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	59
4	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	47
5	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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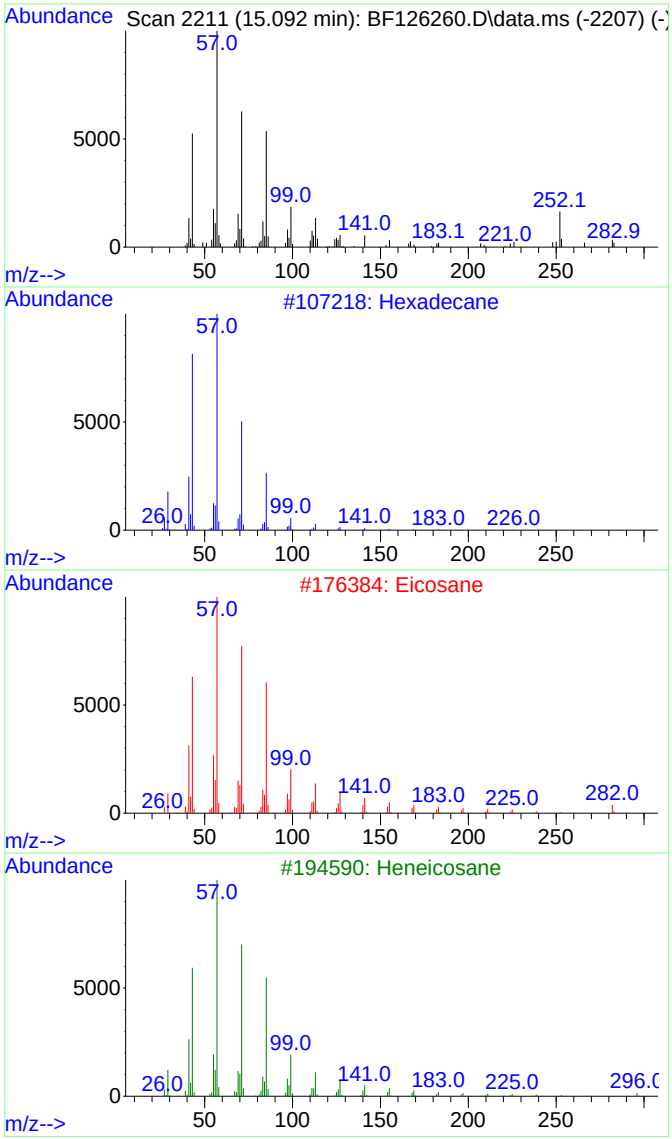
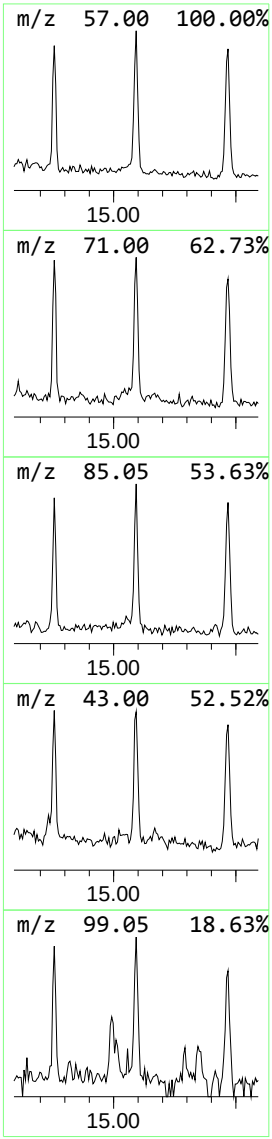
Peak Number 18 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	2.30 ng	136883	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	81
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	80





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Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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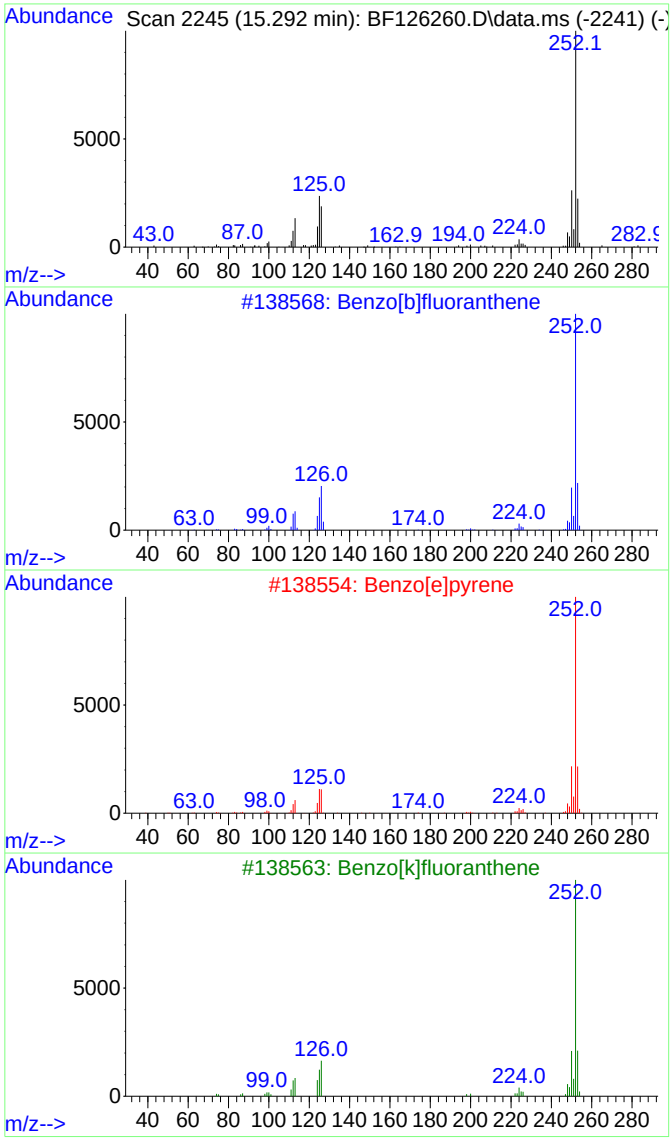
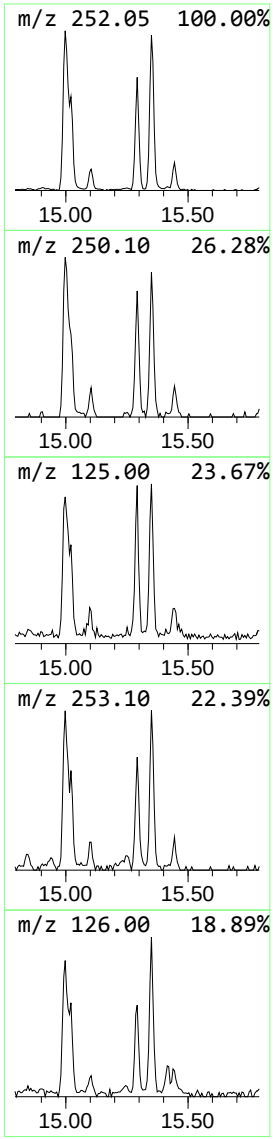
Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	2.34 ng	139843	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





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Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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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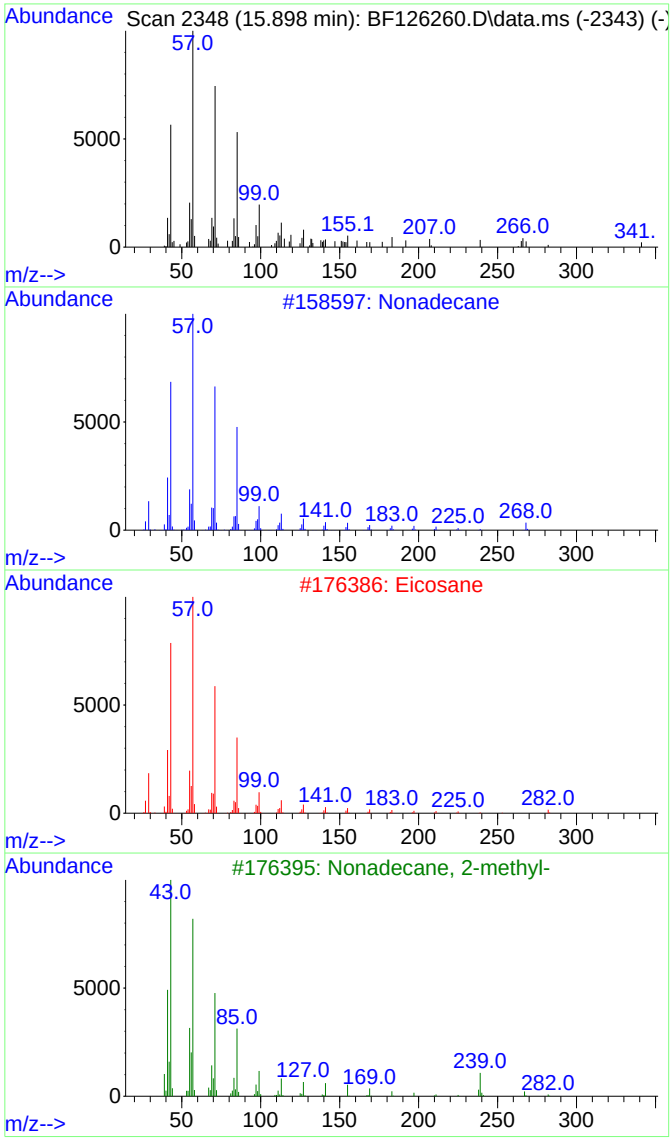
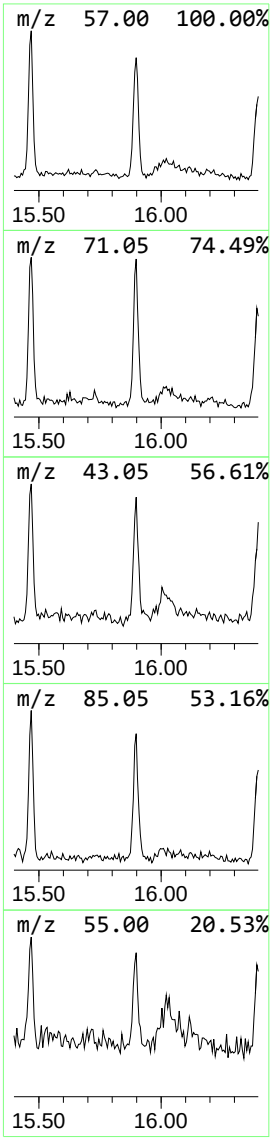
Peak Number 20 Nonadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	2.20 ng	131016	Perylene-d12	15.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Eicosane	282	C20H42	000112-95-8	94
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126260.D
Acq On : 18 Dec 2021 18:17
Operator : JU/CG
Sample : M5168-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-C

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.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
2-Pentanone, 4-...	5.034	67.6	ng	4499130	1	6.816	1331710	20.0
2-Pentanone, 4-...	5.828	4.0	ng	268970	1	6.816	1331710	20.0
9H-Fluoren-9-one	11.139	2.5	ng	273919	4	11.339	2158650	20.0
Dibenzothiophene	11.233	3.1	ng	339392	4	11.339	2158650	20.0
Anthracene, 2-m...	11.839	4.9	ng	524448	4	11.339	2158650	20.0
Phenanthrene, 2...	11.863	4.9	ng	527219	4	11.339	2158650	20.0
Phenanthrene, 1...	11.945	6.1	ng	662634	4	11.339	2158650	20.0
1H-Indene, 2-ph...	11.969	2.9	ng	310787	4	11.339	2158650	20.0
Naphthalene, 2-...	12.133	2.7	ng	292576	4	11.339	2158650	20.0
9,10-Anthracene...	12.151	3.9	ng	417734	4	11.339	2158650	20.0
Phenanthrene, 2...	12.386	2.3	ng	244836	4	11.339	2158650	20.0
Cyclopenta(def)...	12.468	2.2	ng	241207	4	11.339	2158650	20.0
Pyrene, 1-methyl-	12.992	2.3	ng	225219	5	13.974	1953490	20.0
Fluoranthene, 2...	13.204	2.3	ng	224500	5	13.974	1953490	20.0
9-Octadecenamid...	13.410	27.9	ng	2723980	5	13.974	1953490	20.0
n-Nonadecanol-1	13.845	6.5	ng	633530	5	13.974	1953490	20.0
Triphenylphosph...	14.068	4.7	ng	454891	5	13.974	1953490	20.0
Hexadecane	15.092	2.3	ng	136883	6	15.415	1192760	20.0
Benzo[e]pyrene	15.292	2.3	ng	139843	6	15.415	1192760	20.0
Nonadecane	15.898	2.2	ng	131016	6	15.415	1192760	20.0