LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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: BF126267.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.387	387	391	399	rVB	104498	123383	2.97%	0.265%
2	5.004	492	496	504	rBV	335208	309674	7.45%	0.666%
3	5.416	562	566	572	rBV	243121	237641	5.72%	0.511%
4	6.428	734	738	746	rBV	650977	522086	12.56%	1.123%
5	6.816	800	804	807	rBV	1898978	1523720	36.64%	3.278%
6	7.369	894	898	905	rBV	459751	366007	8.80%	0.787%
7	8.098	1017	1022	1025	rBV	2520466	2119331	50.97%	4.559%
8	8.810	1139	1143	1146	rBV	414515	313606	7.54%	0.675%
9	8.910	1155	1160	1164	rBV	486479	386987	9.31%	0.833%
10	9.175	1201	1205	1208	rBV	825135	693317	16.67%	1.492%
11	9.275	1216	1222	1225	rBV2	84022	87598	2.11%	0.188%
12	9.369	1235	1238	1243	rVB	237533	212071	5.10%	0.456%
13	9.439	1243	1250	1254	rBV	293117	393731	9.47%	0.847%
14	9.510	1258	1262	1265	rBV	522851	502301	12.08%	1.081%
15	9.539	1265	1267	1270	rVB	336361	256327	6.16%	0.551%
16	9.628	1279	1282	1288	rBV	300069	300036	7.22%	0.645%
17	9.710	1291	1296	1301	rBV2	212982	224516	5.40%	0.483%
18	9.851	1314	1320	1323	rBV	2318247	2186046	52.57%	4.703%
19	9.886	1323	1326	1329	rVB	690249	598964	14.40%	1.289%
20	9.957	1335	1338	1343	rBV	155499	195064	4.69%	0.420%
21	10.010	1343	1347	1349	rBV2	132866	153304	3.69%	0.330%
22	10.051	1351	1354	1358	rVB	252893	246234	5.92%	0.530%
23	10.092	1358	1361	1364	rBV	165149	139410	3.35%	0.300%
24	10.169	1371	1374	1377	rBV	142489	139949	3.37%	0.301%
25	10.198	1377	1379	1381	rVB	150687	107650	2.59%	0.232%
26	10.263	1385	1390	1391	rBV2	155927	173623	4.18%	0.374%
27	10.398	1409	1413	1419	rBV	554915	511529	12.30%	1.100%
28	10.451	1419	1422	1423	rVV2	113906	125476	3.02%	0.270%
29	10.463	1423	1424	1426	rVV	204829	134036	3.22%	0.288%
30	10.486	1426	1428	1430	rVV2	196625	152526	3.67%	0.328%
31	10.510	1430	1432	1434	rVV	135786	126778	3.05%	0.273%
32	10.557	1437	1440	1445	rVB2	159236	197989	4.76%	0.426%
33	10.633	1450	1453	1457	rVV3	140345	178830	4.30%	0.385%
34	10.681	1457	1461	1466	rVB5	63413	109652	2.64%	0.236%
35	10.763	1473	1475	1477	rBV2	95075	103815	2.50%	0.223%
36	10.945	1501	1506	1509	rBV3	143376	208396	5.01%	0.448%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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	10.975	1509	1511	1514	rVB2	131596	104375	2.51%	0.225%
38	11.075	1523	1528	1529	rBV4	63713	97555	2.35%	0.210%
39	11.098	1529	1532	1534	rVV3	107313	124251	2.99%	0.267%
40	11.139	1536	1539	1544	rVV	458121	436272	10.49%	0.939%
41	11.186	1545	1547	1550	rVV4	75480	102663	2.47%	0.221%
42	11.233	1552	1555	1561	rVB	588724	572836	13.78%	1.232%
43	11.339	1569	1573	1575	rBV	1730935	1889830	45.45%	4.066%
44	11.369	1575	1578	1581	rVV	4416343	4158128	100.00%	8.945%
45	11.410	1582	1585	1589	rVB	852326	692904	16.66%	1.491%
46	11.516	1600	1603	1607	rVB	123471	108638	2.61%	0.234%
47	11.633	1621	1623	1626	rVB2	244321	203768	4.90%	0.438%
48	11.669	1626	1629	1631	rBV	357518	293669	7.06%	0.632%
49	11.751	1640	1643	1647	rVB	167601	180765	4.35%	0.389%
50	11.792	1647	1650	1653	rBV2	158090	166253	4.00%	0.358%
51	11.839	1655	1658	1660	rVV	1142977	982522	23.63%	2.114%
52	11.869	1660	1663	1666	rVV	1196842	1024283	24.63%	2.204%
53	11.916	1668	1671	1673	rVV	192577	177807	4.28%	0.383%
54	11.951	1673	1677	1679	rVV2	1004636	1158960	27.87%	2.493%
55	11.975	1679	1681	1685	rVB	825263	635084	15.27%	1.366%
56	12.133	1706	1708	1710	rBV	599958	517959	12.46%	1.114%
57	12.151	1710	1711	1718	rVB2	581917	505082	12.15%	1.087%
58	12.210	1718	1721	1728	rVB3	99137	124072	2.98%	0.267%
59	12.280	1731	1733	1736	rVV2	199860	174677	4.20%	0.376%
60	12.316	1736	1739	1740	rVV	134183	116917	2.81%	0.252%
61	12.339	1740	1743	1746	rVB3	129045	135904	3.27%	0.292%
62	12.386	1748	1751	1754	rBV	354613	362070	8.71%	0.779%
63	12.422	1754	1757	1759	rVV2	215920	254435	6.12%	0.547%
64	12.469	1763	1765	1770	rVB2	432287	411969	9.91%	0.886%
65	12.551	1775	1779	1782	rVB	1835090	1735412	41.74%	3.733%
66	12.675	1797	1800	1802	rBV	237863	200479	4.82%	0.431%
67	12.698	1802	1804	1807	rVB	110473	98907	2.38%	0.213%
68	12.780	1812	1818	1821	rBV	2618775	2648242	63.69%	5.697%
69	12.922	1839	1842	1849	rVB	587814	632646	15.21%	1.361%
70	12.992	1851	1854	1858	rBV	245860	322845	7.76%	0.695%
71	13.080	1866	1869	1871	rBV3	188991	250309	6.02%	0.538%
72	13.169	1881	1884	1887	rVB3	114784	101366	2.44%	0.218%
73	13.204	1887	1890	1893	rVV	363846	363896	8.75%	0.783%
74	13.298	1903	1906	1909	rVV	281854	236621	5.69%	0.509%
75	13.327	1909	1911	1915	rVB	306858	273608	6.58%	0.589%
76	13.404	1922	1924	1930	rVB5	63871	97224	2.34%	0.209%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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	13.604	1955	1958	1961	rBV	325176	283382	6.82%	0.610%
78	13.716	1973	1977	1980	rBV2	233295	322838	7.76%	0.695%
79	13.751	1980	1983	1985	rVV	275291	233312	5.61%	0.502%
80	13.769	1985	1986	1990	rVB	98113	89295	2.15%	0.192%
81	13.816	1990	1994	1998	rBV2	259761	271116	6.52%	0.583%
82	13.969	2015	2020	2023	rBV2	1548643	2161878	51.99%	4.651%
83	13.998	2023	2025	2030	rVB	965839	849864	20.44%	1.828%
84	14.069	2032	2037	2040	rBV	520550	547972	13.18%	1.179%
85	14.357	2082	2086	2089	rVV	302417	301637	7.25%	0.649%
86	14.392	2089	2092	2095	rVV	199119	176222	4.24%	0.379%
87	14.451	2096	2102	2105	rVV3	120736	213789	5.14%	0.460%
88	14.480	2105	2107	2109	rVV	147492	136060	3.27%	0.293%
89	14.504	2109	2111	2115	rVV2	108718	118161	2.84%	0.254%
90	14.551	2117	2119	2123	rVB	83064	91102	2.19%	0.196%
91	14.998	2190	2195	2198	rBV3	407503	668758	16.08%	1.439%
92	15.098	2208	2212	2216	rVB2	102332	158983	3.82%	0.342%
93	15.292	2242	2245	2252	rVV	266684	328449	7.90%	0.707%
94	15.357	2252	2256	2260	rVV	387795	461232	11.09%	0.992%
95	15.421	2262	2267	2270	rVV	910389	1149421	27.64%	2.473%
96	15.468	2273	2275	2279	rVB2	138366	139405	3.35%	0.300%
97	15.898	2343	2348	2356	rBV3	101903	190065	4.57%	0.409%
98	16.392	2428	2432	2440	rBV4	70785	143777	3.46%	0.309%
99	16.839	2503	2508	2517	rVB2	116006	219084	5.27%	0.471%
100	17.268	2574	2581	2591	rBV	92024	191035	4.59%	0.411%

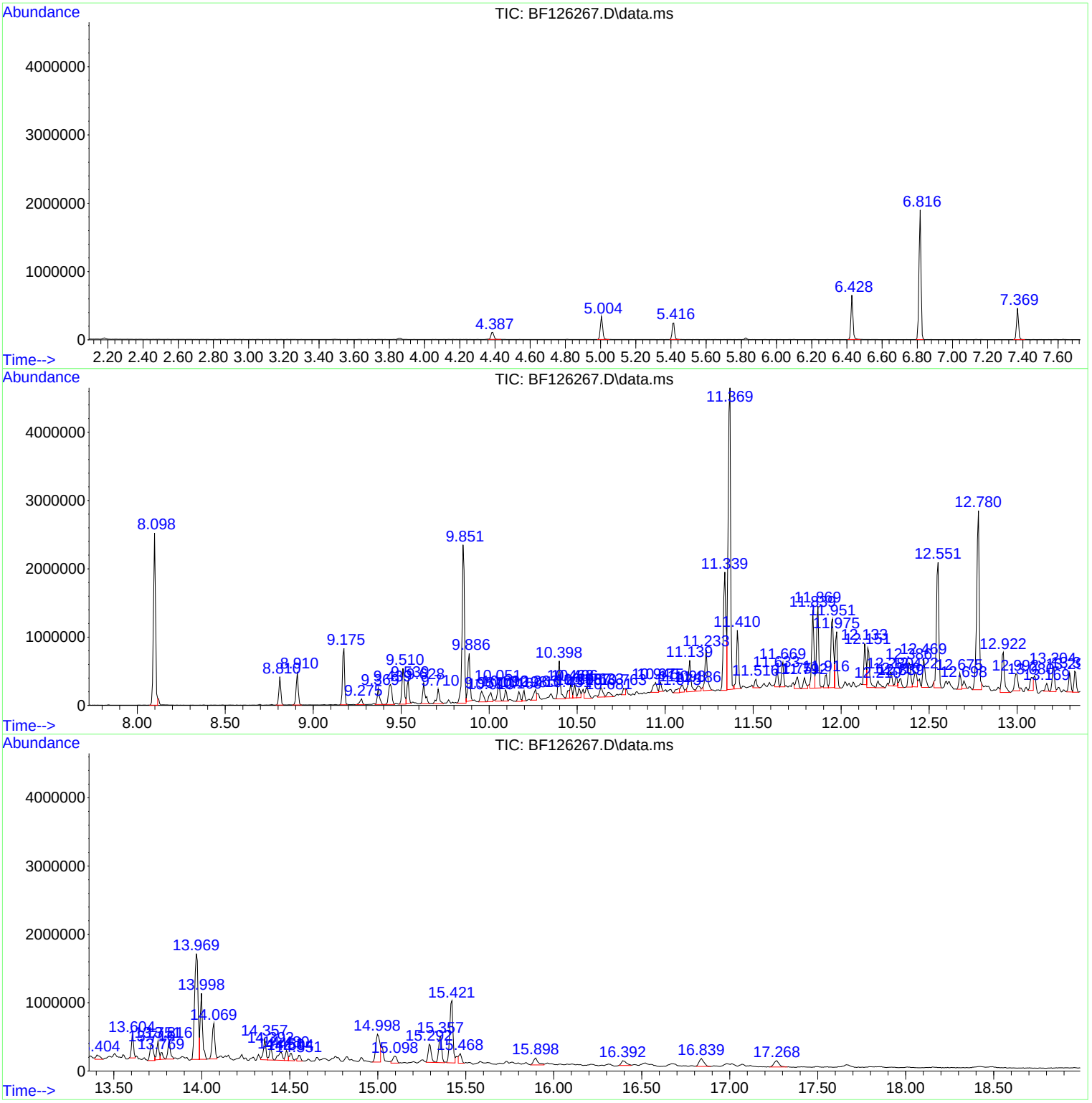
Sum of corrected areas: 46483643

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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 : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
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Instrument :
BNA_F
ClientSampleId :
SB-01-G

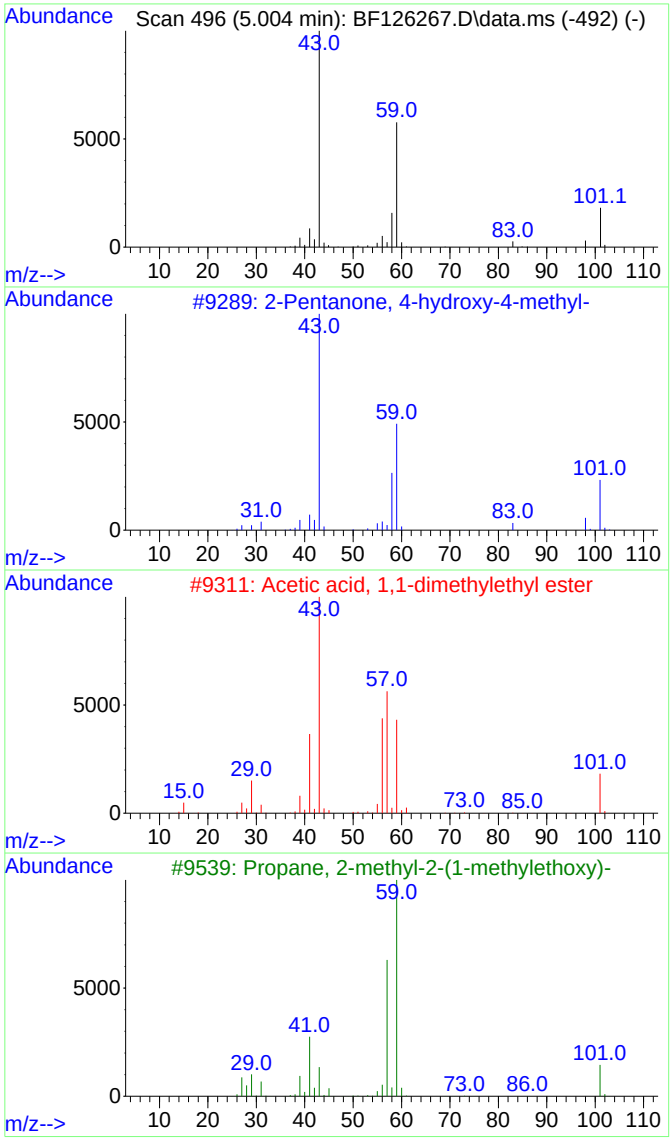
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

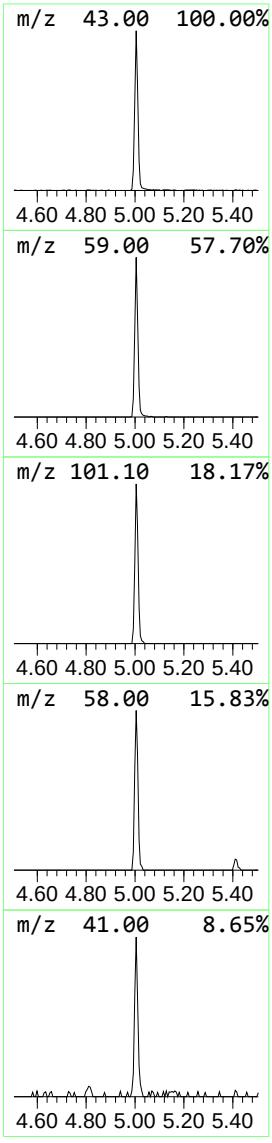
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.004	4.06 ng	309674	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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

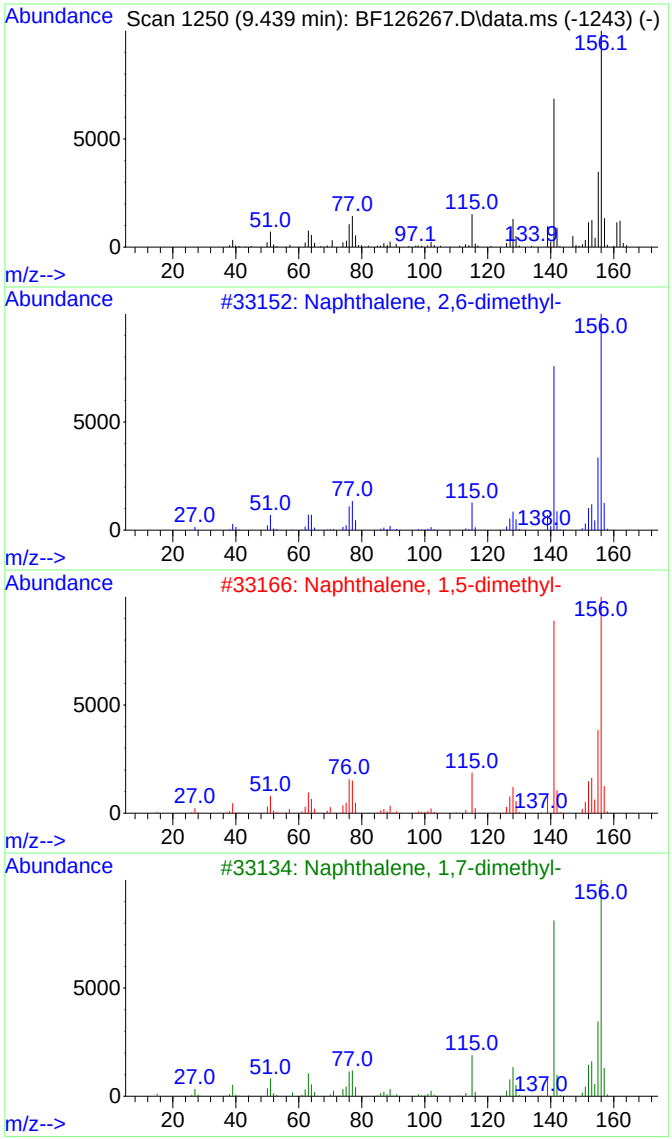
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

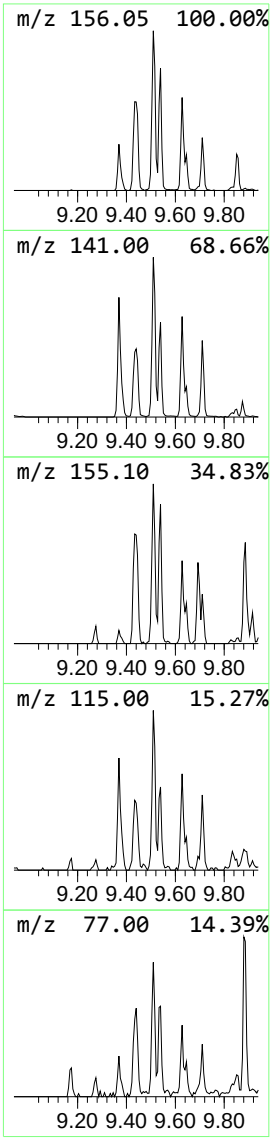
****

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	3.60 ng	393731	Acenaphthene-d10	9.851

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
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Instrument :
BNA_F
ClientSampleId :
SB-01-G

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

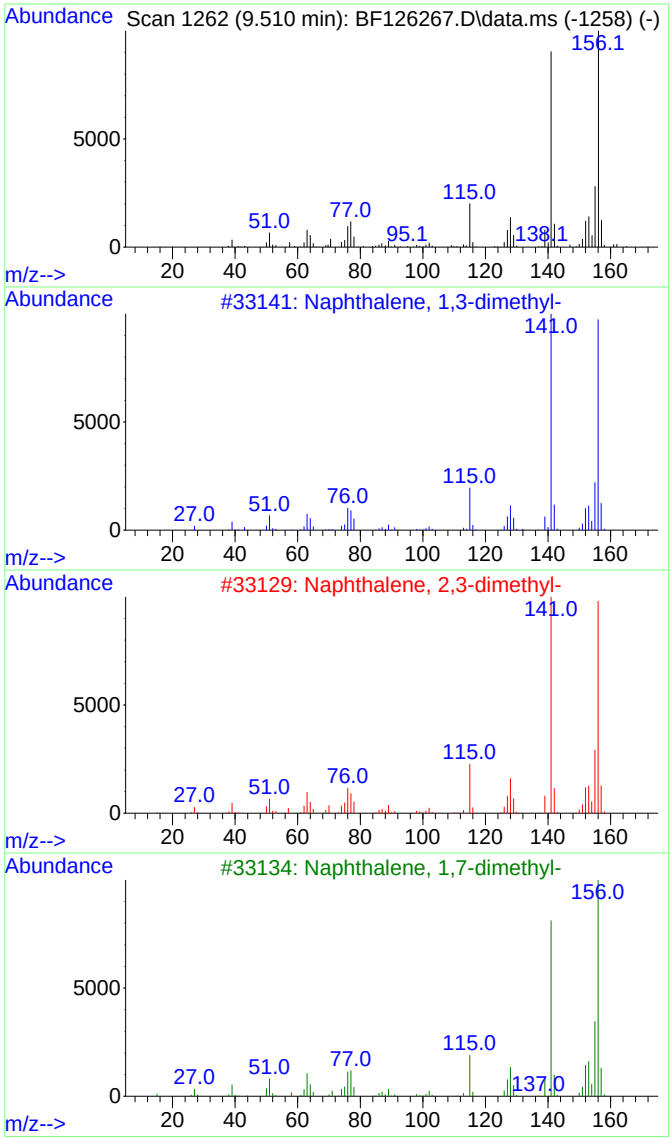
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

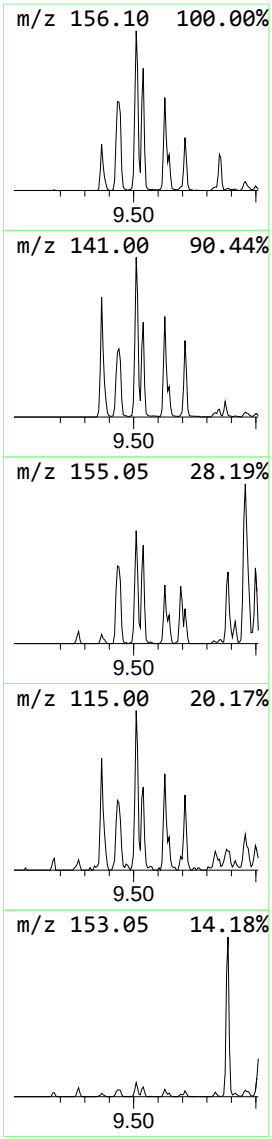
****

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	4.60 ng	502301	Acenaphthene-d10	9.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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

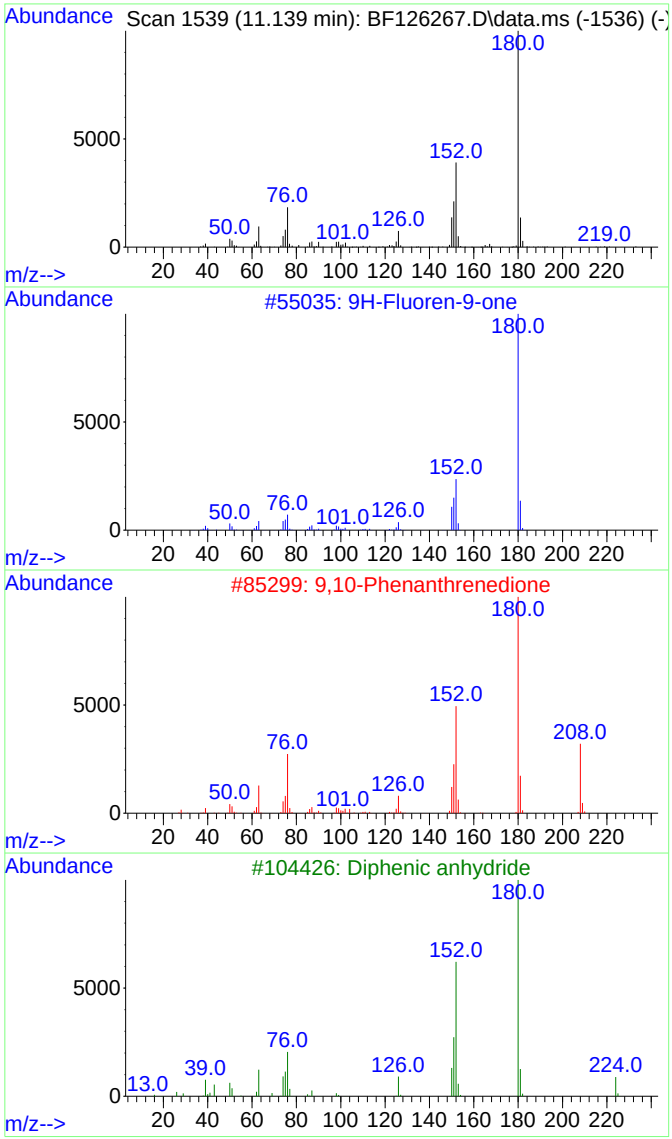
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

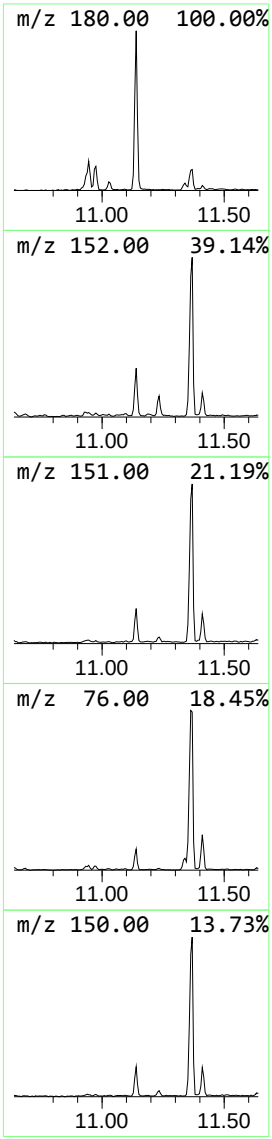
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	4.62 ng	436272	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
3	Diphenic anhydride	224	C14H8O3	006050-13-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

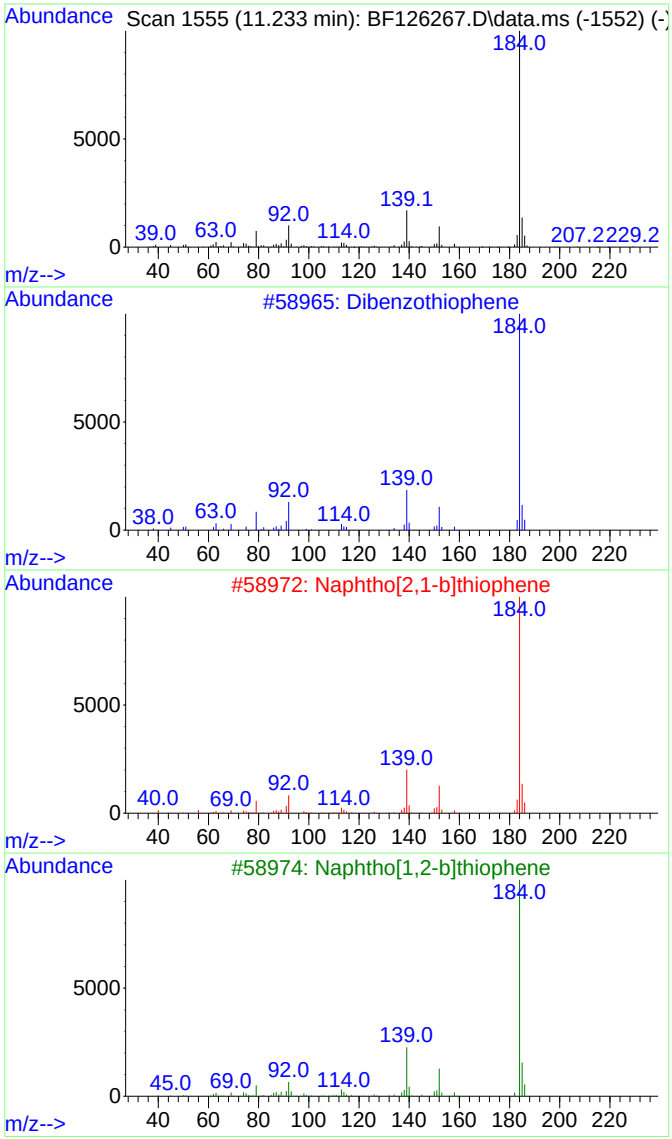
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

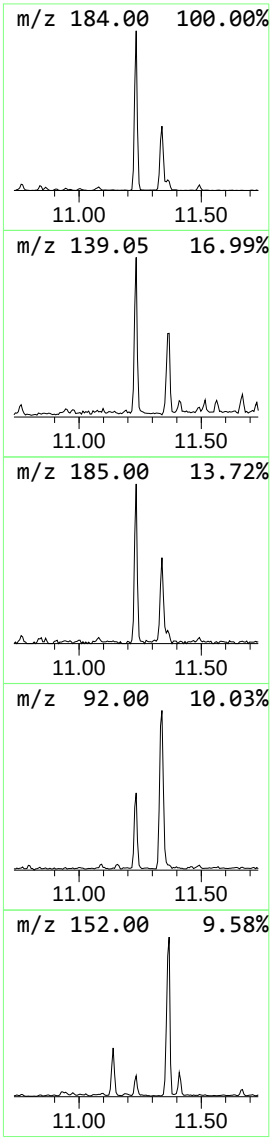
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	6.06 ng	572836	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	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	94





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Operator : JU/CG
Sample : M5168-06 10X
Misc :
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ClientSampleId :
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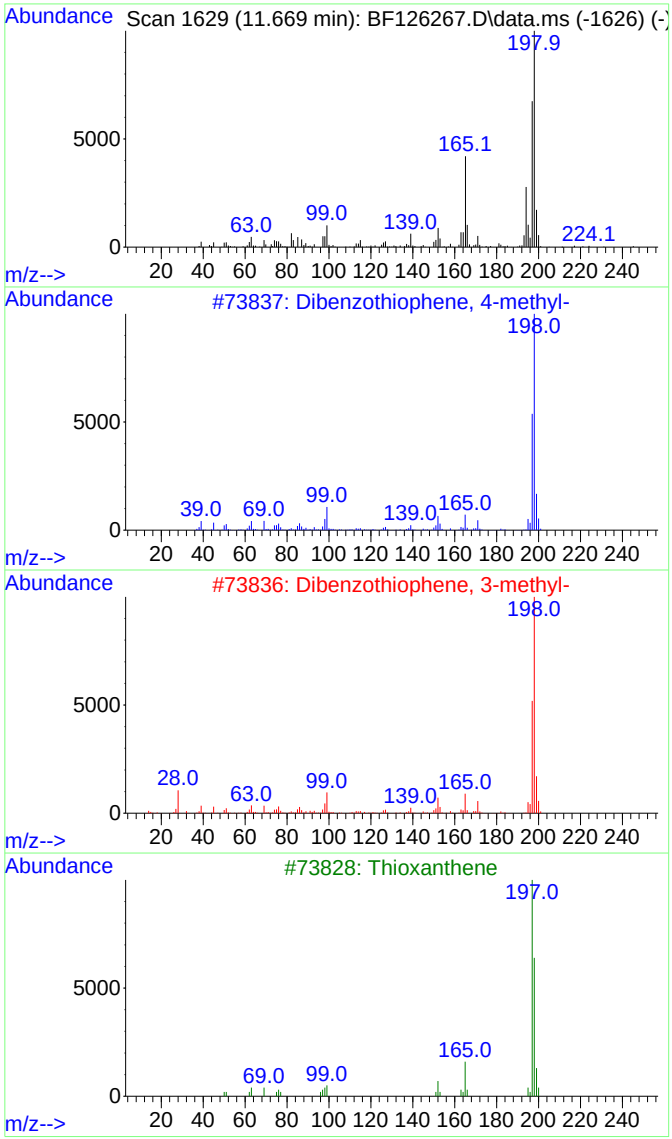
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

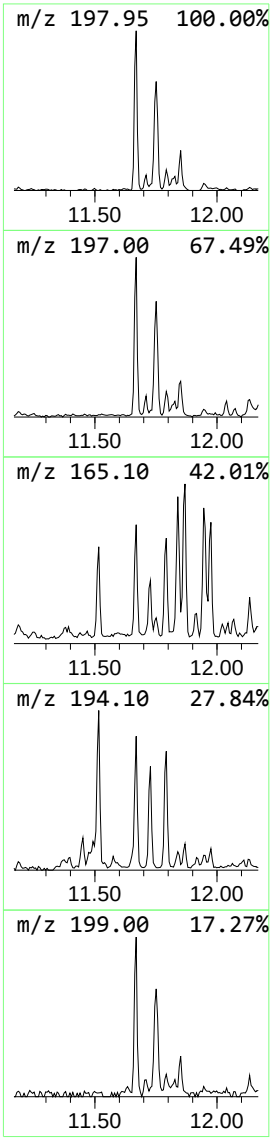
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzothiophene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.669	3.11 ng	293669	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	92
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	92
3	Thioxanthene	198	C13H10S	000261-31-4	60
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	58
5	Methanethione, diphenyl-	198	C13H10S	001450-31-3	53





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

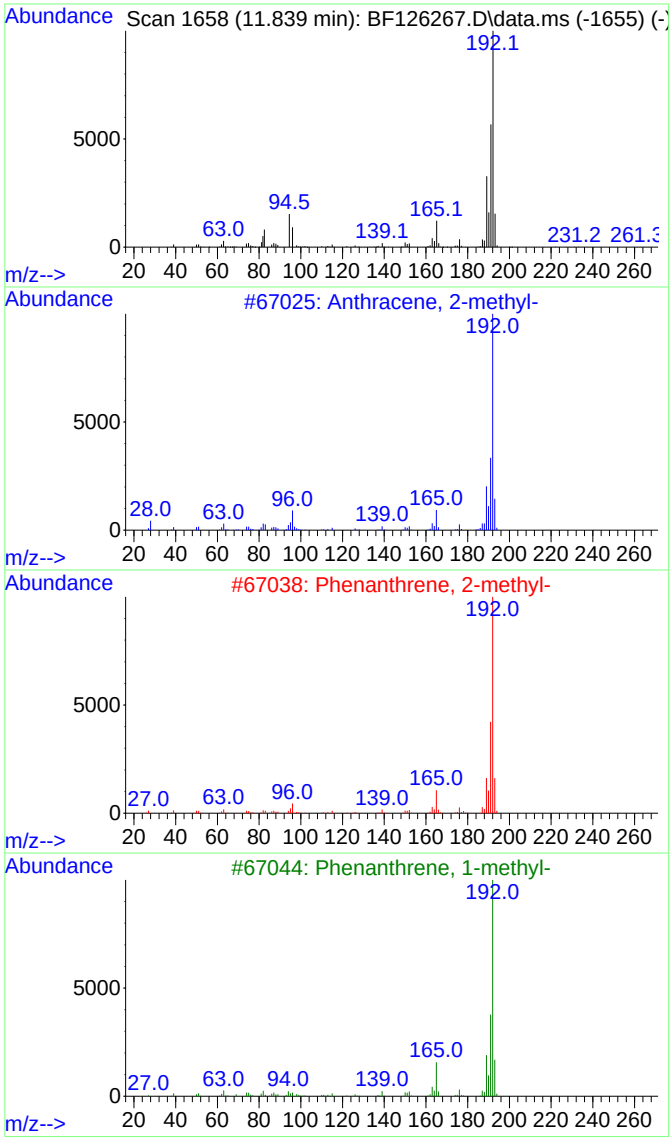
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

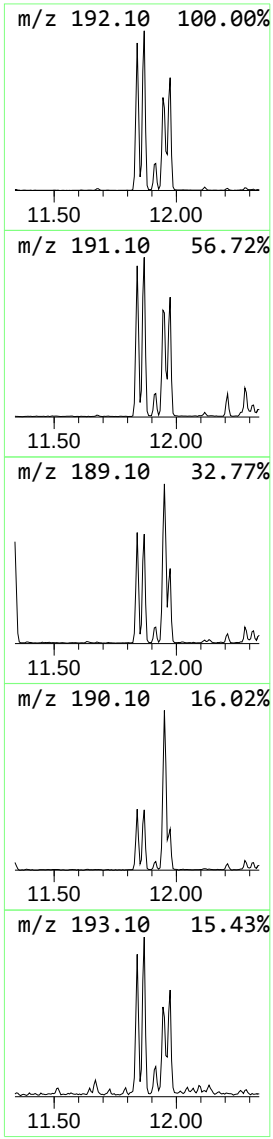
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.839	10.40 ng	982522	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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

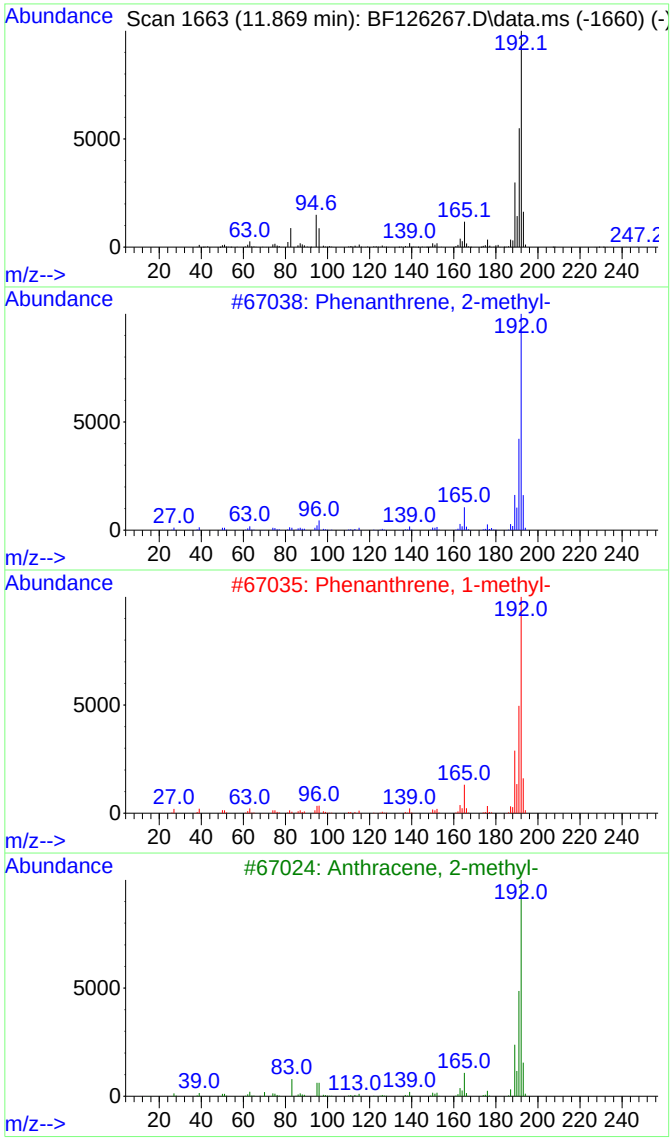
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

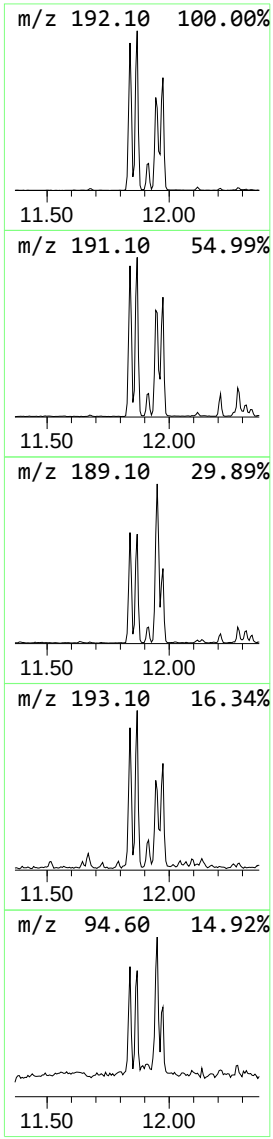
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	10.84 ng	1024280	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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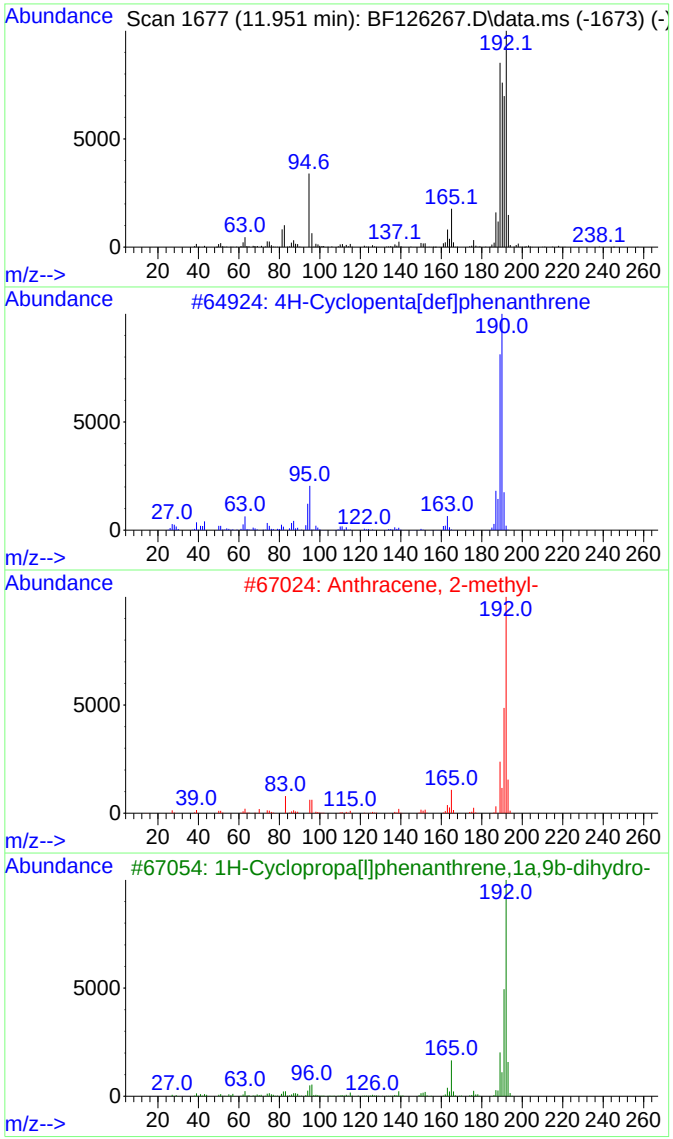
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

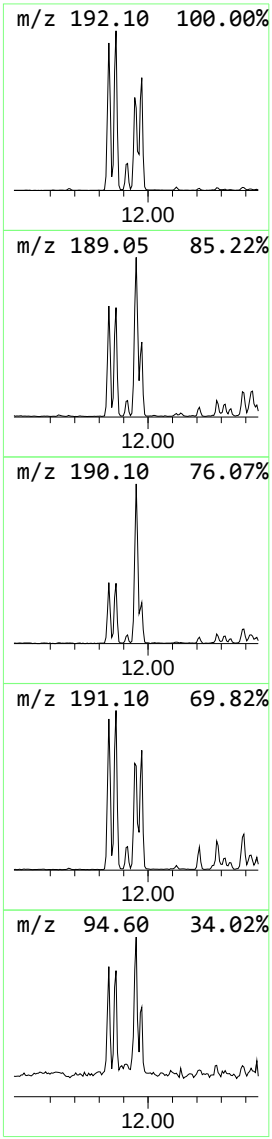
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	12.27 ng	1158960	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	46
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	41





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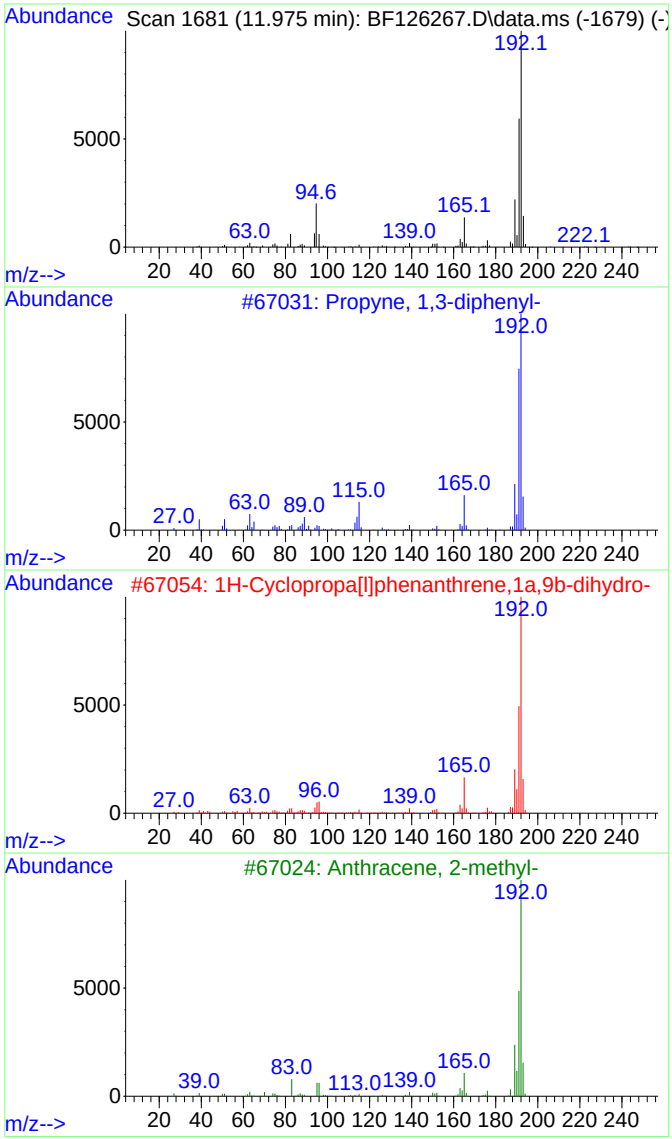
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

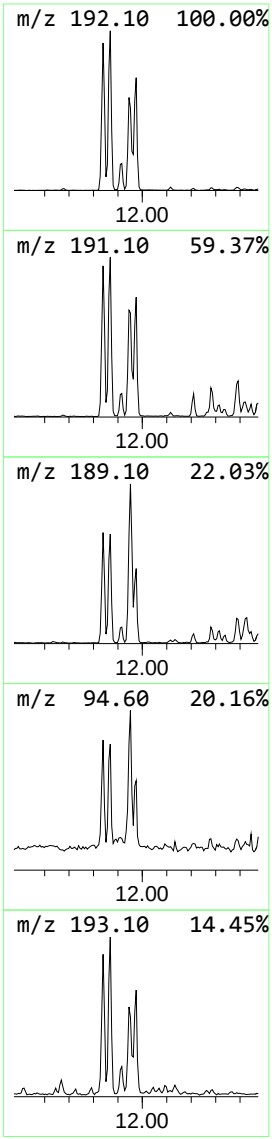
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Propyne, 1,3-diphenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	6.72 ng	635084	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89





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

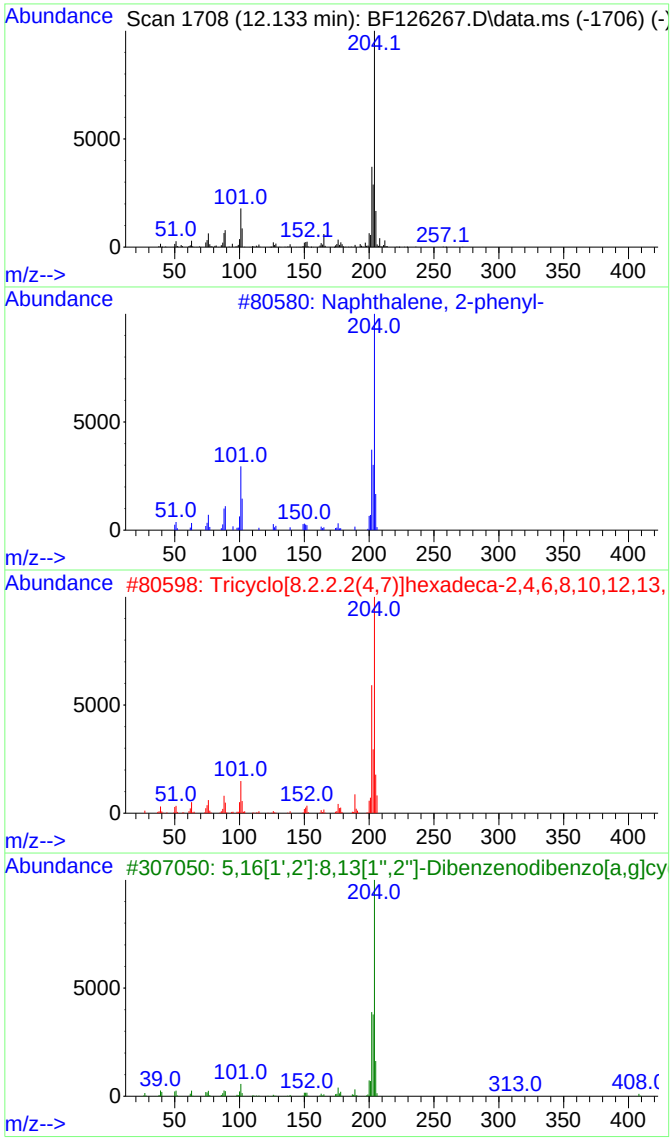
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

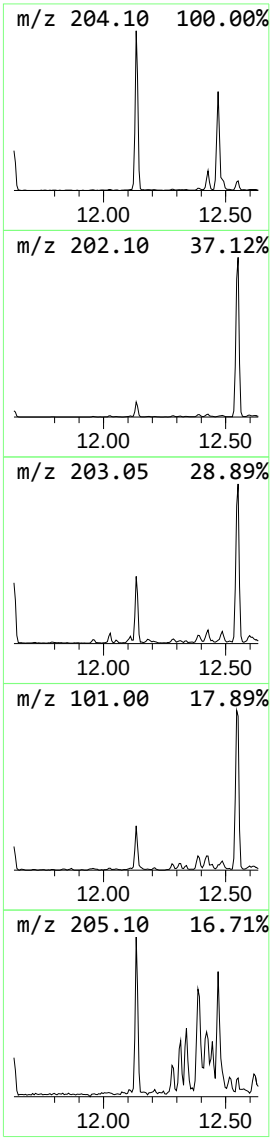
****

Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.133	5.48 ng	517959	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	86
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58





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

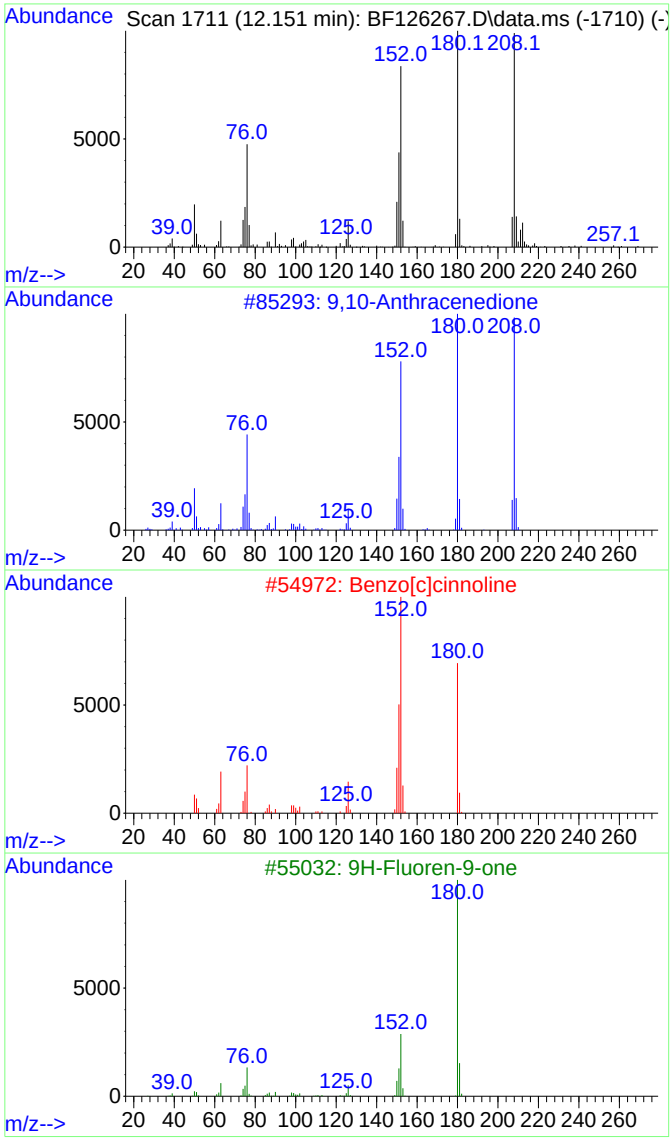
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

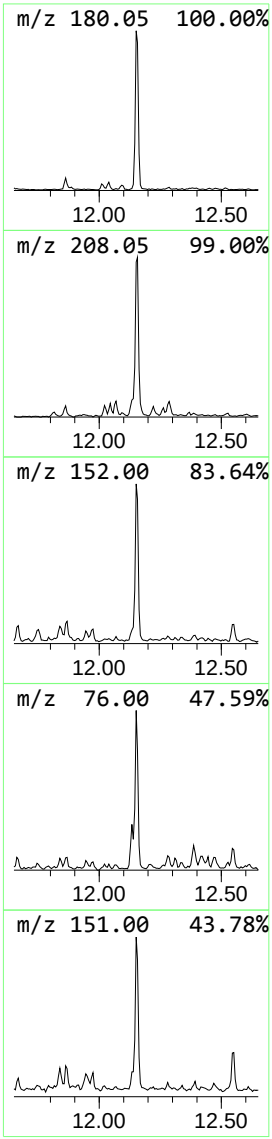
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	5.35 ng	505082	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	90
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

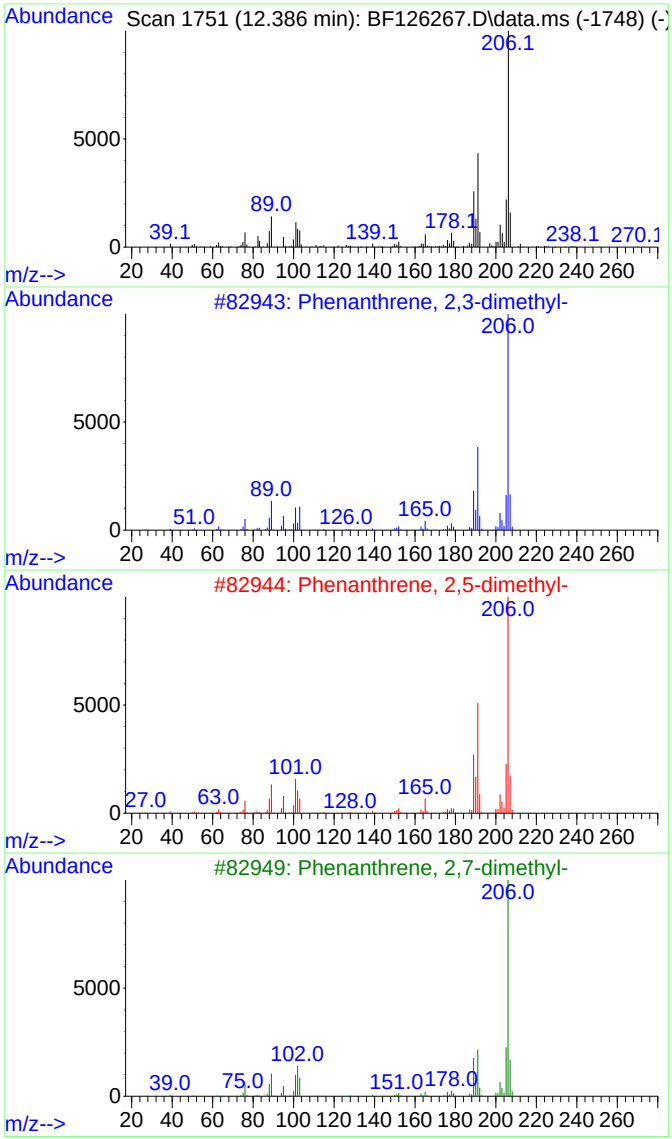
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

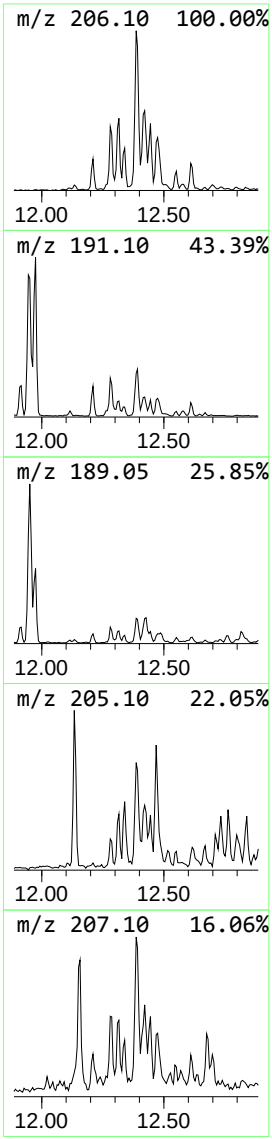
****

Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.386	3.83 ng	362070	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93





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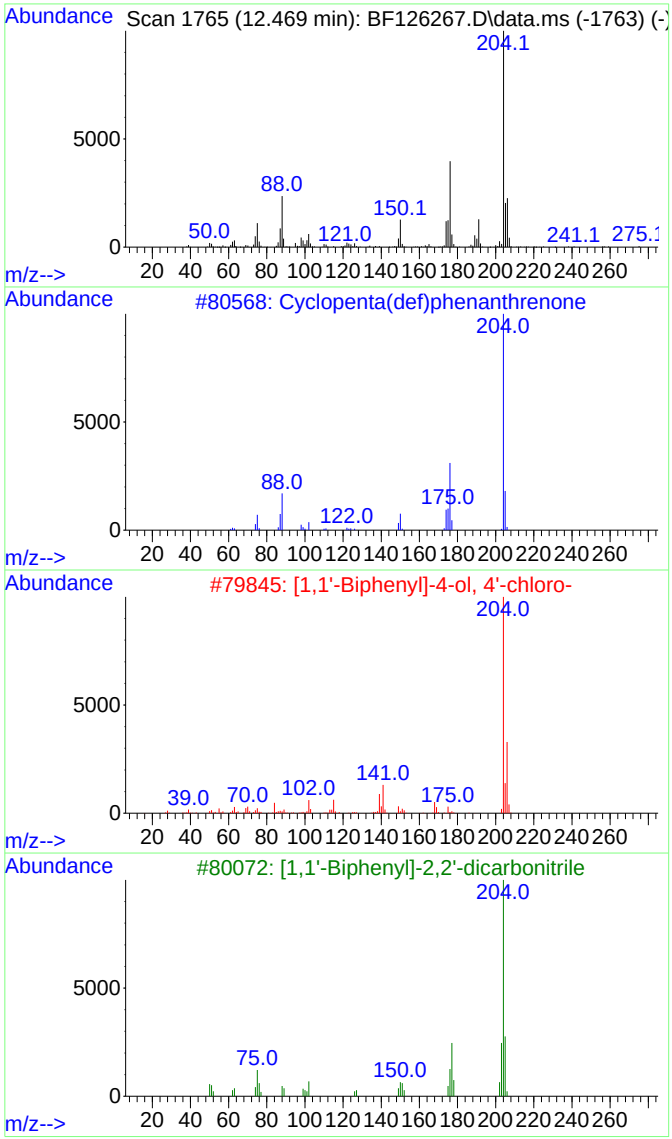
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

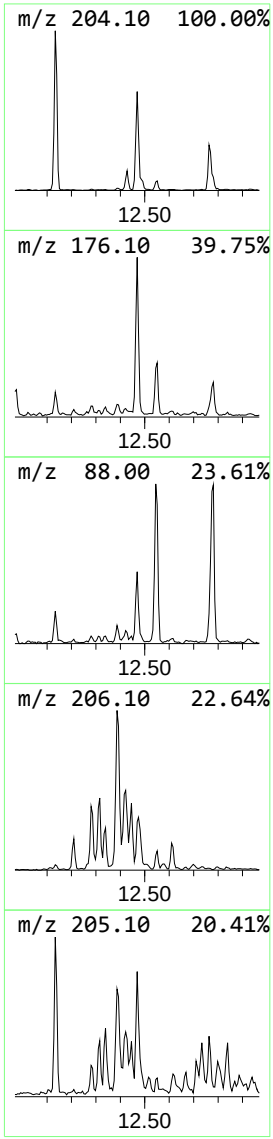
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	4.36 ng	411969	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-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





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ALS Vial : 21 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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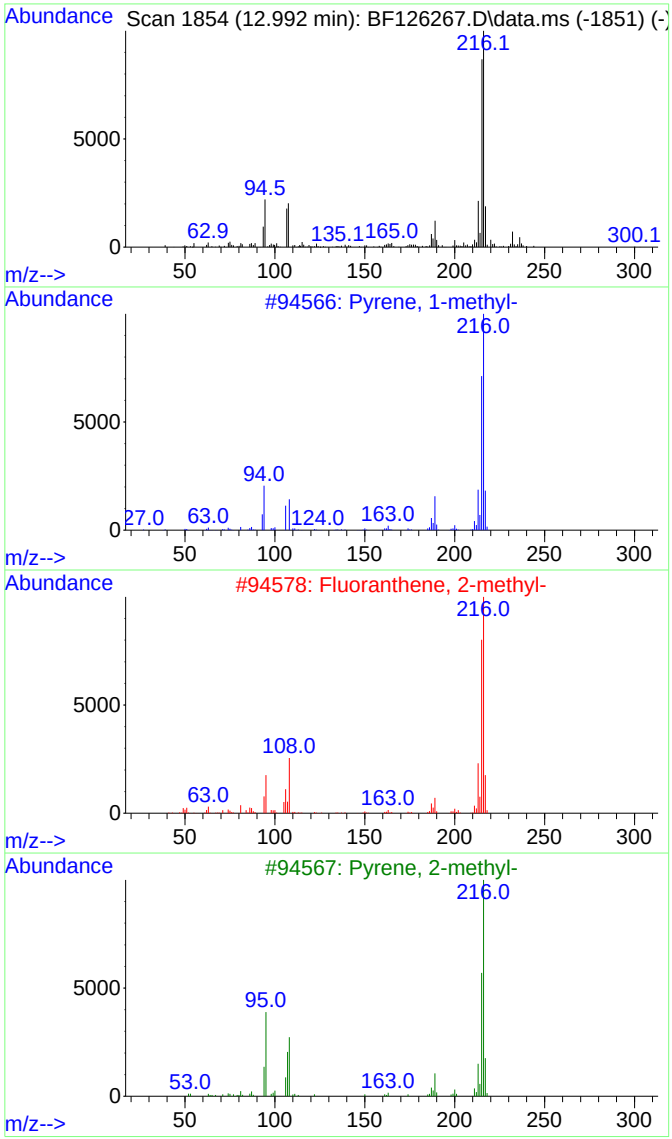
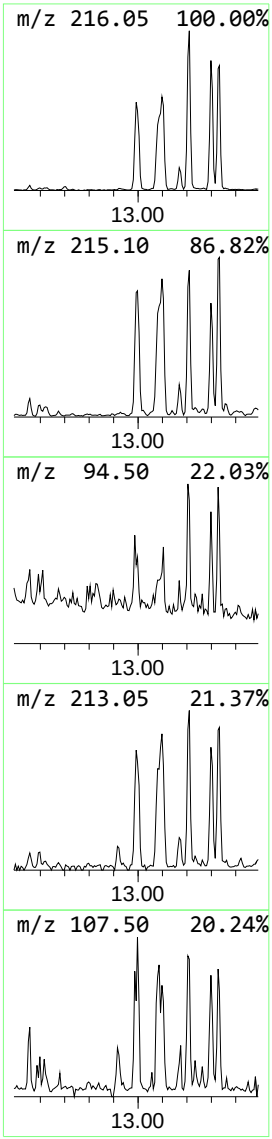
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	2.99 ng	322845	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	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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

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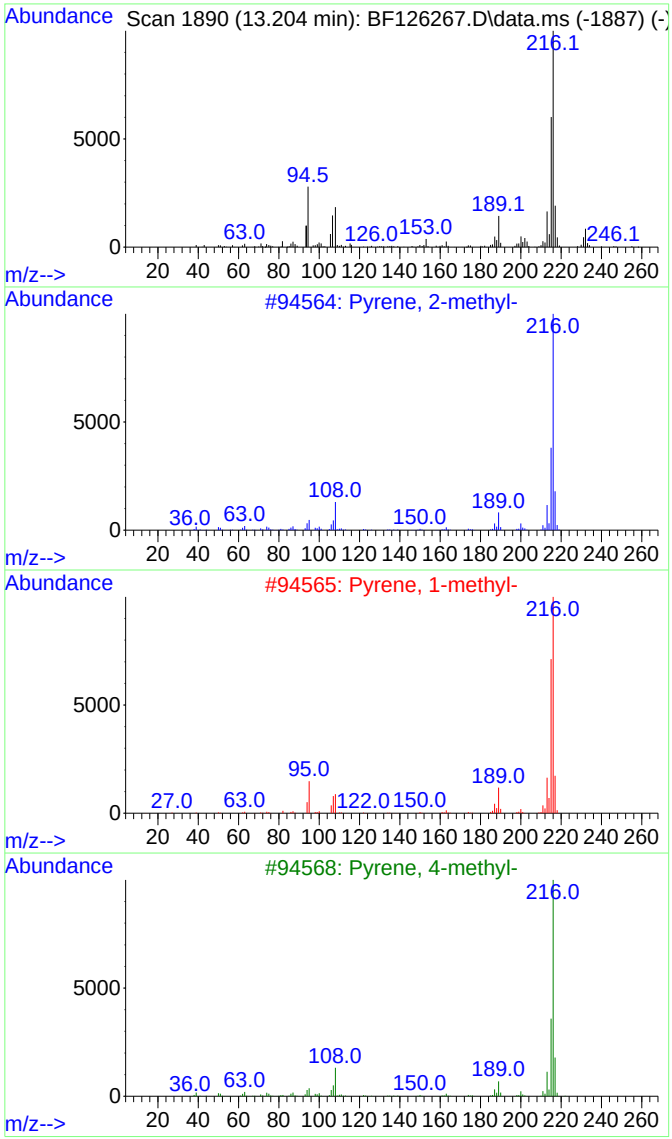
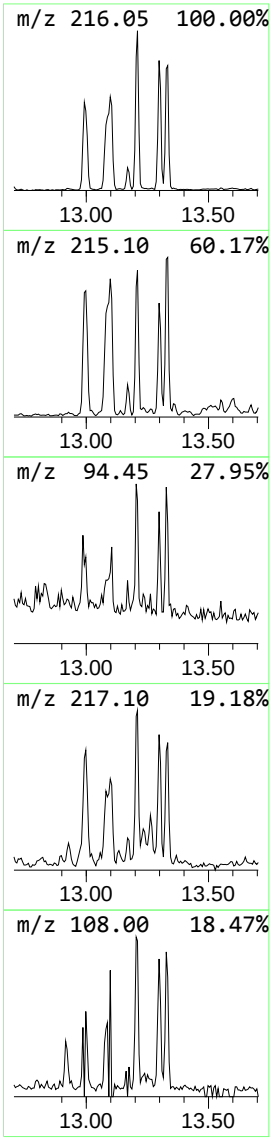
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	3.37 ng	363896	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

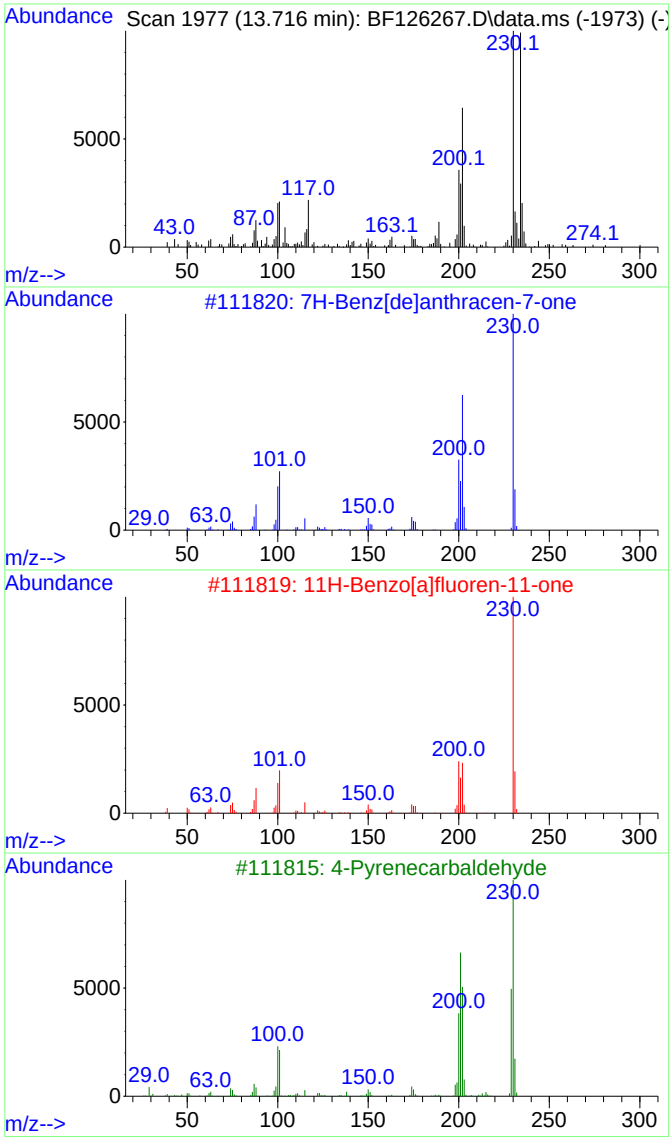
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

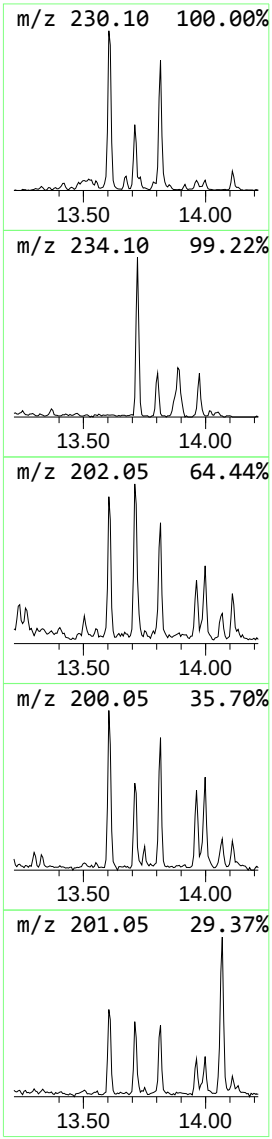
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.716	2.99 ng	322838	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	96
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	56
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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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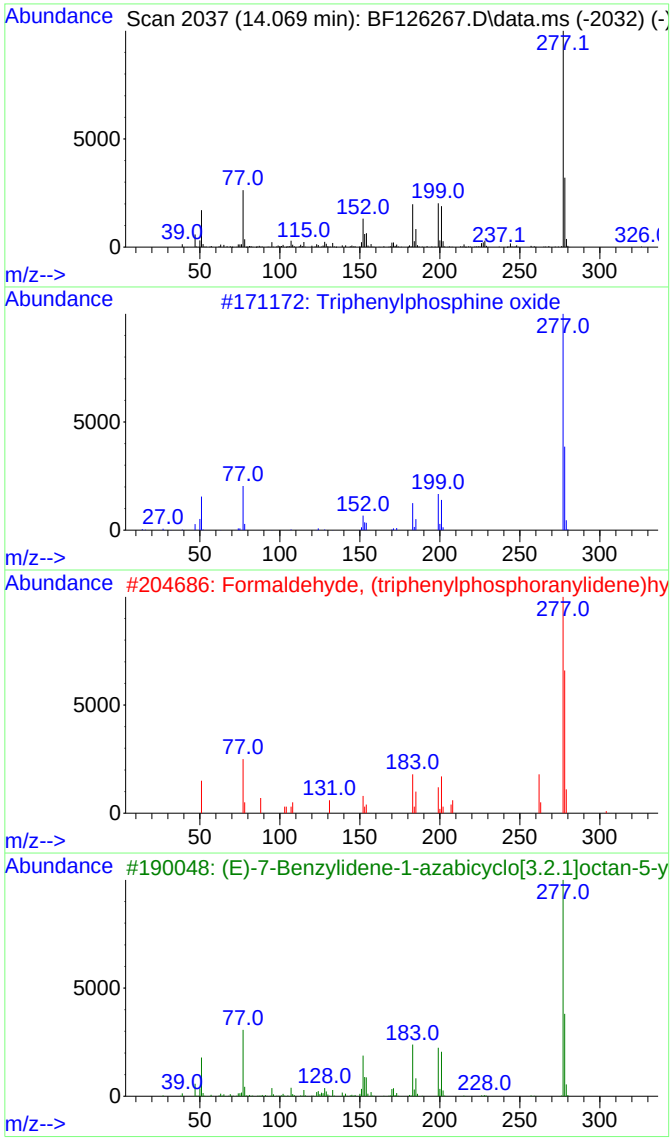
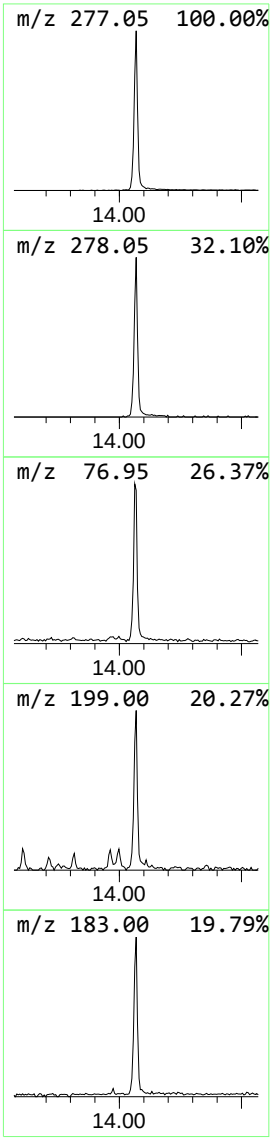
Peak Number 18 Triphenylphosphine oxide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.069	5.07 ng	547972	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	64
3	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	62
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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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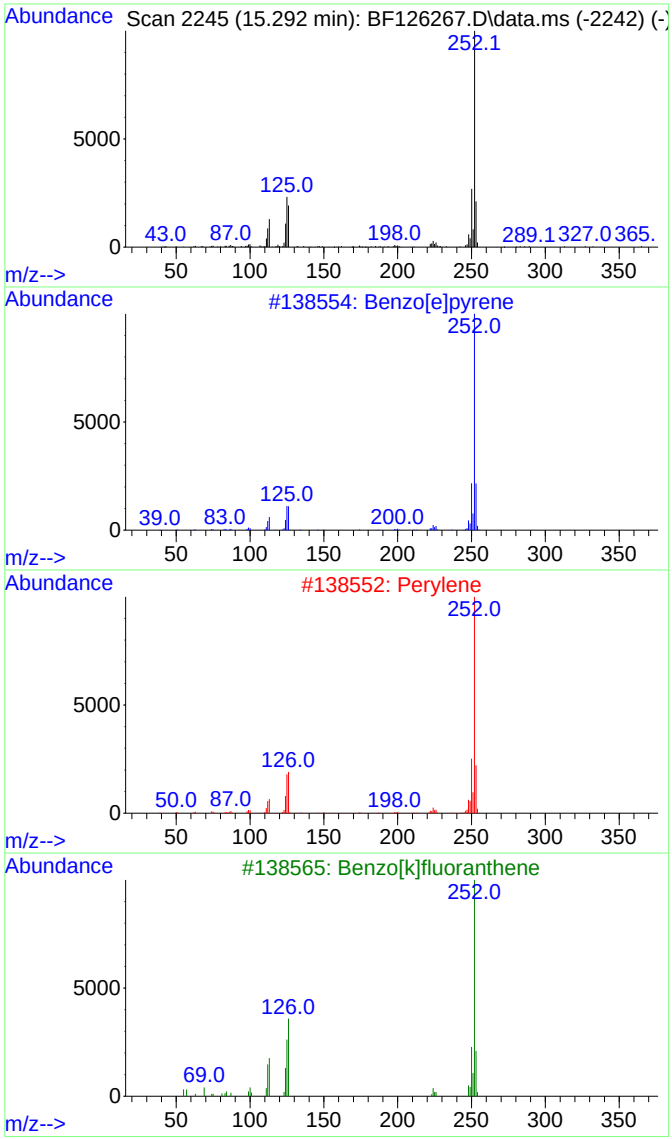
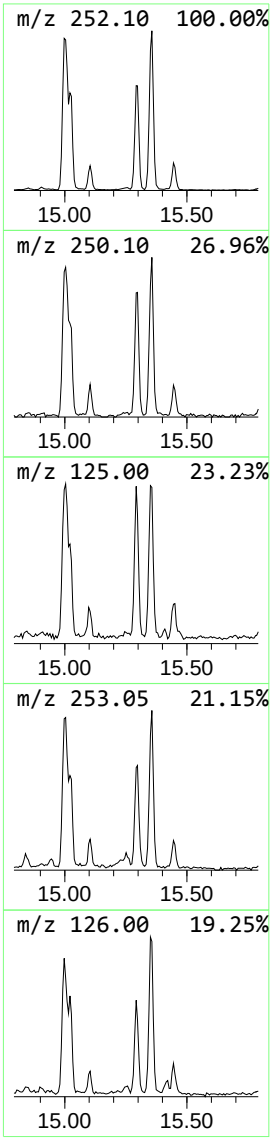
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.292	5.72 ng	328449	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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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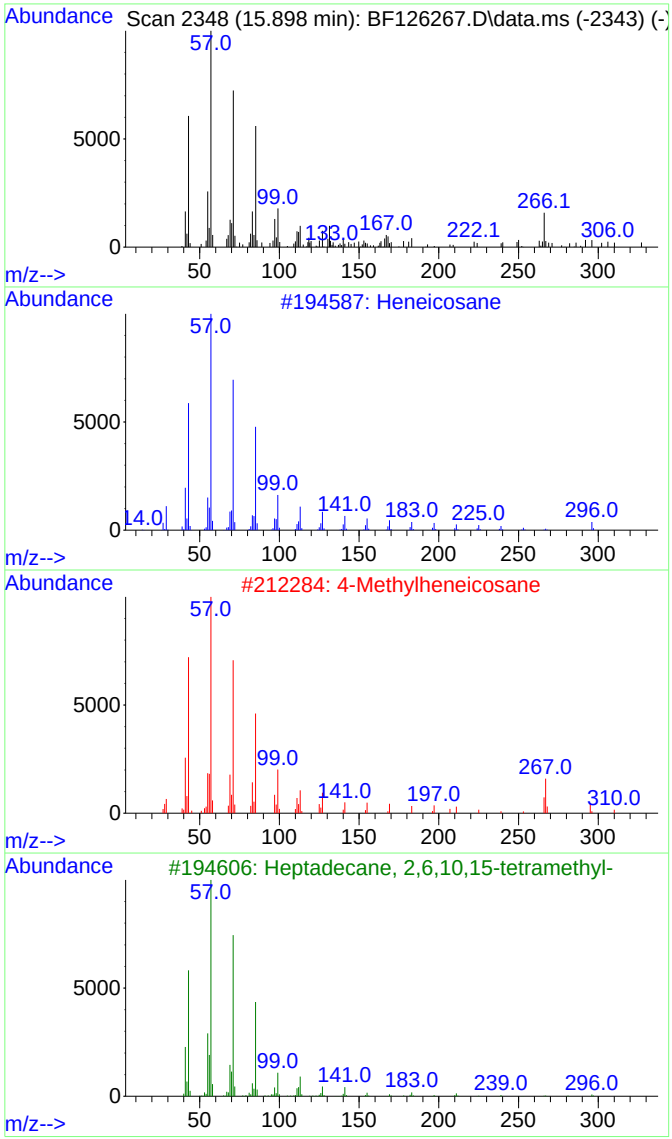
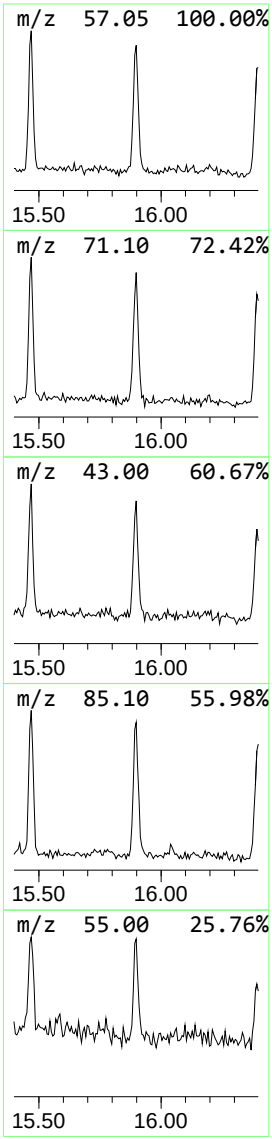
Peak Number 20 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	3.31 ng	190065	Perylene-d12	15.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	4-Methylheneicosane	310	C22H46	025117-29-7	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Eicosane	282	C20H42	000112-95-8	81
5	Docosane, 11-decyl-	451	C32H66	055401-55-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121821\
Data File : BF126267.D
Acq On : 18 Dec 2021 21:59
Operator : JU/CG
Sample : M5168-06 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01-G

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-...	5.004	4.1	ng	309674	1	6.816	1523720	20.0
Naphthalene, 2,...	9.439	3.6	ng	393731	3	9.851	2186050	20.0
Naphthalene, 1,...	9.510	4.6	ng	502301	3	9.851	2186050	20.0
9H-Fluoren-9-one	11.139	4.6	ng	436272	4	11.339	1889830	20.0
Dibenzothiophene	11.233	6.1	ng	572836	4	11.339	1889830	20.0
Dibenzothiophen...	11.669	3.1	ng	293669	4	11.339	1889830	20.0
Anthracene, 2-m...	11.839	10.4	ng	982522	4	11.339	1889830	20.0
Phenanthrene, 2...	11.869	10.8	ng	1024280	4	11.339	1889830	20.0
4H-Cyclopenta[d...	11.951	12.3	ng	1158960	4	11.339	1889830	20.0
Propyne, 1,3-di...	11.975	6.7	ng	635084	4	11.339	1889830	20.0
Naphthalene, 2-...	12.133	5.5	ng	517959	4	11.339	1889830	20.0
9,10-Anthracene...	12.151	5.3	ng	505082	4	11.339	1889830	20.0
Phenanthrene, 2...	12.386	3.8	ng	362070	4	11.339	1889830	20.0
Cyclopenta(def)...	12.469	4.4	ng	411969	4	11.339	1889830	20.0
Pyrene, 1-methyl-	12.992	3.0	ng	322845	5	13.974	2161880	20.0
Pyrene, 2-methyl-	13.204	3.4	ng	363896	5	13.974	2161880	20.0
7H-Benz[de]anth...	13.716	3.0	ng	322838	5	13.974	2161880	20.0
Triphenylphosph...	14.069	5.1	ng	547972	5	13.974	2161880	20.0
Benzo[e]pyrene	15.292	5.7	ng	328449	6	15.421	1149420	20.0
Heneicosane	15.898	3.3	ng	190065	6	15.421	1149420	20.0