LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
Operator : CG\JU
Sample : 04217-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	491	494	505	rVB	16722	21743	1.39%	0.088%
2	5.399	558	563	566	rBV	1576356	1462202	93.40%	5.923%
3	6.404	730	734	750	rBV	1463448	1417717	90.55%	5.743%
4	6.769	793	796	800	rBV	835017	694259	44.34%	2.812%
5	7.334	888	892	895	rBV	1104287	884503	56.50%	3.583%
6	8.051	1010	1014	1017	rBV	1090149	870247	55.59%	3.525%
7	8.863	1148	1152	1156	rBV2	20855	24011	1.53%	0.097%
8	9.128	1193	1197	1200	rBV	1910505	1467202	93.71%	5.943%
9	9.398	1237	1243	1246	rBV4	16720	26518	1.69%	0.107%
10	9.463	1252	1254	1257	rBV	23576	23235	1.48%	0.094%
11	9.534	1263	1266	1268	rVB	25345	18527	1.18%	0.075%
12	9.587	1272	1275	1280	rVB2	16299	21757	1.39%	0.088%
13	9.669	1286	1289	1293	rBV	240314	193552	12.36%	0.784%
14	9.810	1309	1313	1316	rVV	853527	733971	46.88%	2.973%
15	9.839	1316	1318	1322	rVB	21981	18663	1.19%	0.076%
16	10.010	1344	1347	1352	rVB	52198	50974	3.26%	0.206%
17	10.122	1363	1366	1369	rBV2	18379	19643	1.25%	0.080%
18	10.357	1403	1406	1412	rVB	88191	82701	5.28%	0.335%
19	10.469	1422	1425	1430	rVB3	23818	27184	1.74%	0.110%
20	10.516	1430	1433	1436	rBV	33411	29980	1.91%	0.121%
21	10.598	1443	1447	1452	rBV	770403	646068	41.27%	2.617%
22	10.722	1464	1468	1472	rBV3	44249	68633	4.38%	0.278%
23	10.910	1495	1500	1502	rBV3	28389	37581	2.40%	0.152%
24	11.057	1523	1525	1530	rVB	23848	28229	1.80%	0.114%
25	11.104	1530	1533	1537	rBV	59171	50347	3.22%	0.204%
26	11.198	1546	1549	1554	rVB	65405	69891	4.46%	0.283%
27	11.298	1563	1566	1568	rBV	695246	596308	38.09%	2.416%
28	11.322	1568	1570	1574	rVV	890268	747286	47.73%	3.027%
29	11.375	1574	1579	1582	rVV	207326	175080	11.18%	0.709%
30	11.410	1582	1585	1588	rVB2	37233	38315	2.45%	0.155%
31	11.533	1600	1606	1609	rBV2	82638	87241	5.57%	0.353%
32	11.598	1615	1617	1620	rBV2	34147	30130	1.92%	0.122%
33	11.633	1620	1623	1628	rVV3	40249	40555	2.59%	0.164%
34	11.704	1631	1635	1641	rVB3	72479	87502	5.59%	0.354%
35	11.804	1649	1652	1654	rBV	141480	116329	7.43%	0.471%
36	11.833	1654	1657	1662	rVV2	303632	292225	18.67%	1.184%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.880	1662	1665	1667	rVV2	57698	46368	2.96%	0.188%
38	11.916	1667	1671	1673	rVV	225957	220501	14.08%	0.893%
39	11.939	1673	1675	1680	rVB	105935	89028	5.69%	0.361%
40	11.992	1680	1684	1685	rBV4	23515	23532	1.50%	0.095%
41	12.039	1690	1692	1695	rVB	28840	22068	1.41%	0.089%
42	12.104	1700	1703	1705	rVV	100633	87897	5.61%	0.356%
43	12.128	1705	1707	1711	rVB2	114238	100016	6.39%	0.405%
44	12.233	1723	1725	1727	rBV3	22531	20515	1.31%	0.083%
45	12.251	1727	1728	1731	rVV2	30619	25853	1.65%	0.105%
46	12.280	1731	1733	1736	rVV	41985	38398	2.45%	0.156%
47	12.310	1736	1738	1740	rVB	37822	29332	1.87%	0.119%
48	12.357	1743	1746	1749	rBV2	113648	132334	8.45%	0.536%
49	12.392	1749	1752	1754	rVV2	263408	246787	15.76%	1.000%
50	12.416	1754	1756	1758	rVV2	164321	124414	7.95%	0.504%
51	12.445	1758	1761	1765	rVB	144150	135521	8.66%	0.549%
52	12.522	1770	1774	1778	rVB	1724819	1452510	92.78%	5.884%
53	12.569	1779	1782	1783	rBV	37627	36959	2.36%	0.150%
54	12.616	1787	1790	1794	rBV	133826	163530	10.45%	0.662%
55	12.751	1807	1813	1816	rBV	1434862	1476462	94.31%	5.981%
56	12.798	1819	1821	1826	rVB2	60563	84089	5.37%	0.341%
57	12.869	1830	1833	1835	rBV2	93099	95224	6.08%	0.386%
58	12.898	1835	1838	1845	rVB	1381881	1200119	76.66%	4.862%
59	12.969	1845	1850	1854	rBV3	127292	214998	13.73%	0.871%
60	13.027	1858	1860	1862	rVV2	37987	35117	2.24%	0.142%
61	13.057	1862	1865	1867	rVV4	122192	161683	10.33%	0.655%
62	13.080	1867	1869	1872	rVB	181551	152684	9.75%	0.619%
63	13.145	1878	1880	1883	rVB	73138	66042	4.22%	0.268%
64	13.186	1883	1887	1891	rBV2	192021	207191	13.23%	0.839%
65	13.275	1900	1902	1905	rVB	108348	93565	5.98%	0.379%
66	13.310	1905	1908	1911	rBV	122991	107167	6.85%	0.434%
67	13.592	1953	1956	1960	rVB	220287	195242	12.47%	0.791%
68	13.704	1971	1975	1978	rBV2	194567	222160	14.19%	0.900%
69	13.733	1978	1980	1982	rVV	135697	108906	6.96%	0.441%
70	13.757	1982	1984	1985	rVV	115489	98092	6.27%	0.397%
71	13.804	1989	1992	1995	rVB	193913	174068	11.12%	0.705%
72	13.839	1995	1998	2002	rBV3	50714	65367	4.18%	0.265%
73	13.951	2013	2017	2021	rBV2	1034254	1565602	100.00%	6.342%
74	13.986	2021	2023	2028	rVB	803782	671271	42.88%	2.719%
75	14.104	2040	2043	2045	rBV	111163	101571	6.49%	0.411%
76	14.345	2082	2084	2087	rVB	152720	135238	8.64%	0.548%

LSC Area Percent Report

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Acq On : 01 Sep 2023 03:47
Operator : CG\JU
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Misc :
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Instrument :
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ClientSampleId :
BU-04-082923

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-BF083023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.380	2088	2090	2094	rBV	101275	98997	6.32%	0.401%
78	14.474	2103	2106	2108	rBV2	101660	104063	6.65%	0.422%
79	15.004	2191	2196	2199	rBV	604257	929587	59.38%	3.766%
80	15.110	2211	2214	2218	rVB	105400	107193	6.85%	0.434%
81	15.304	2244	2247	2253	rVB	304879	376973	24.08%	1.527%
82	15.368	2254	2258	2263	rBV	421067	519149	33.16%	2.103%
83	15.427	2264	2268	2271	rBV	314563	398588	25.46%	1.615%
84	16.904	2515	2519	2531	rVB2	188235	410636	26.23%	1.663%
85	17.357	2592	2596	2606	rVB2	154454	312997	19.99%	1.268%

Sum of corrected areas: 24685913

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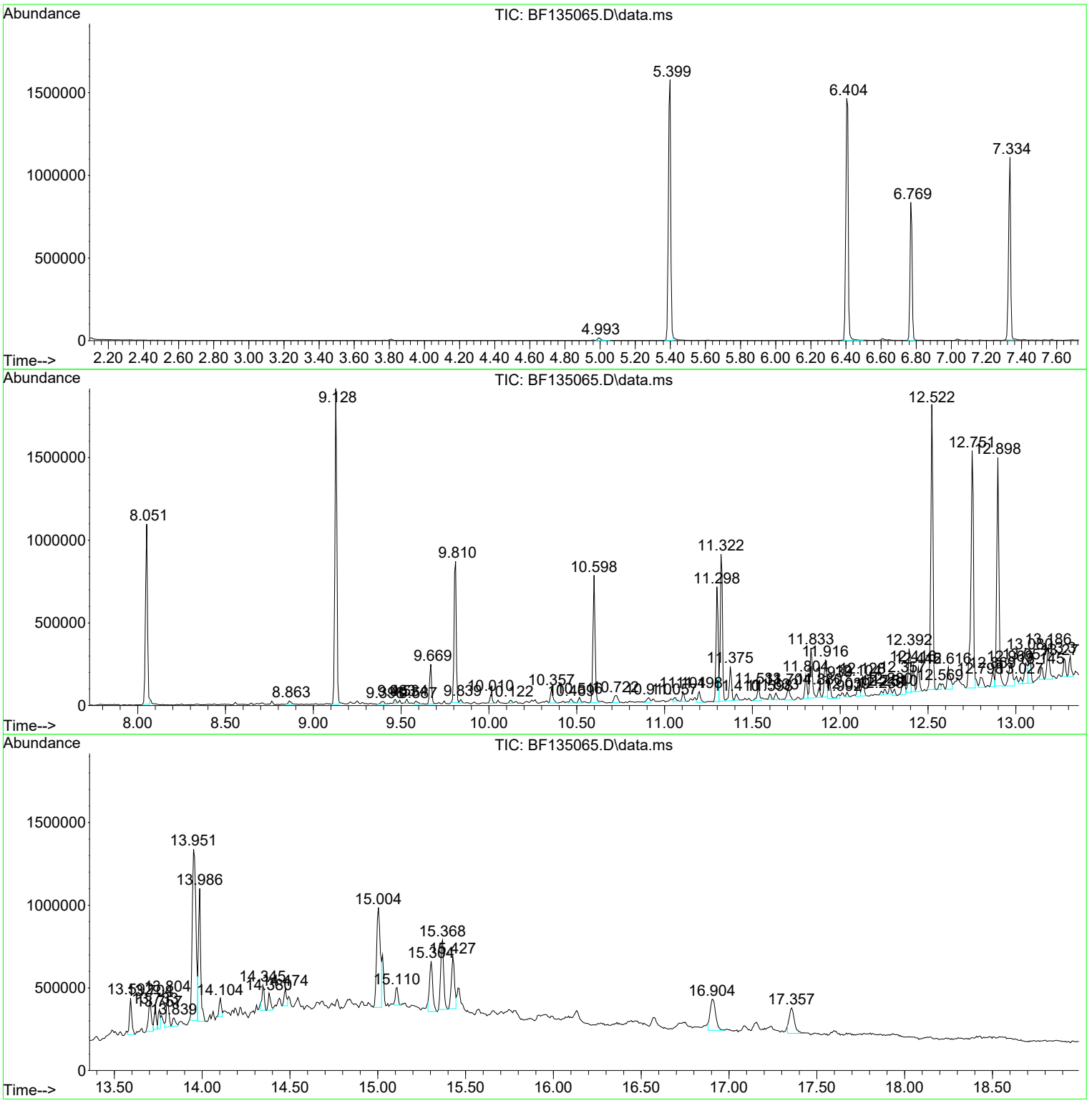
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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\BF083123\
Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
Operator : CG\JU
Sample : 04217-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

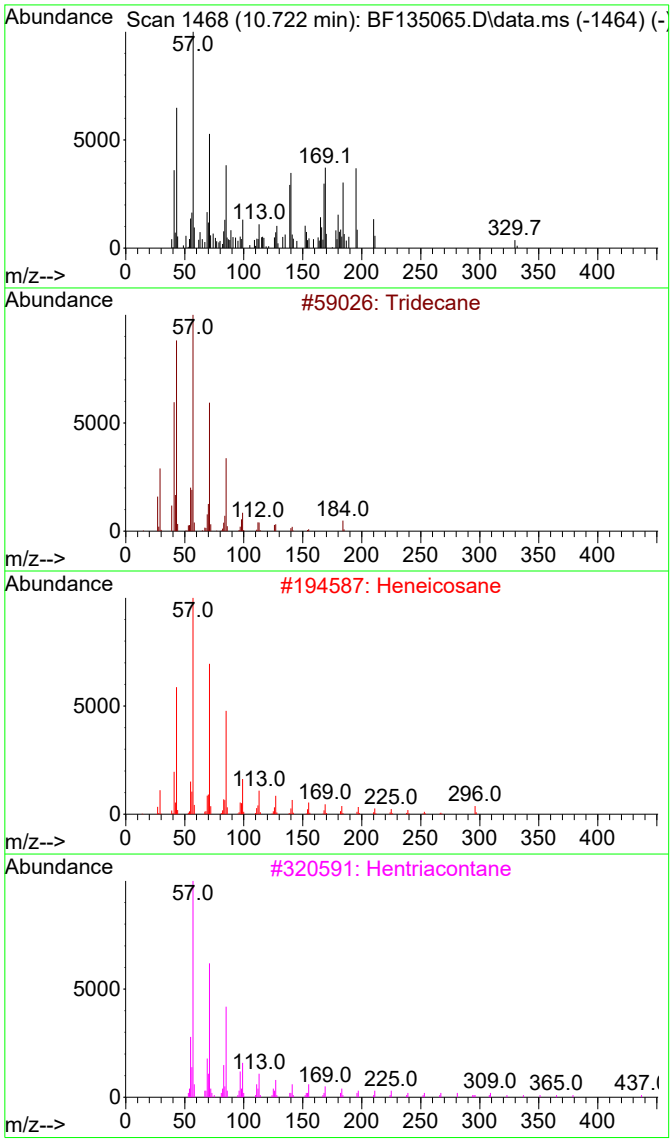
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

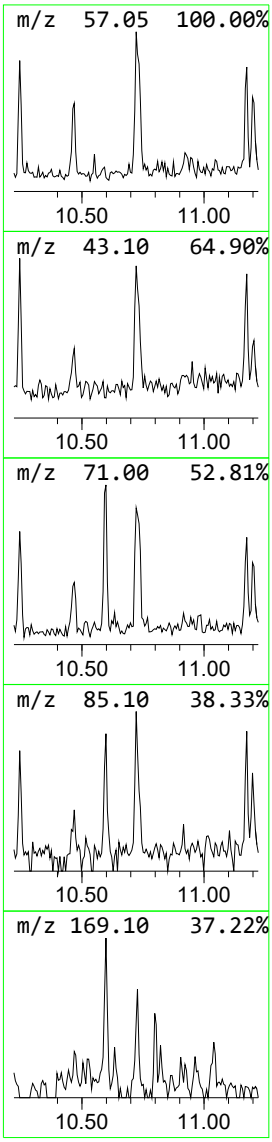
****

Peak Number 1 Tridecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.722	2.30 ng	68633	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	41
2	Heneicosane	296	C21H44	000629-94-7	38
3	Hentriacontane	437	C31H64	000630-04-6	38
4	Dodecane	170	C12H26	000112-40-3	38
5	Docosane	310	C22H46	000629-97-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
Operator : CG\JU
Sample : 04217-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

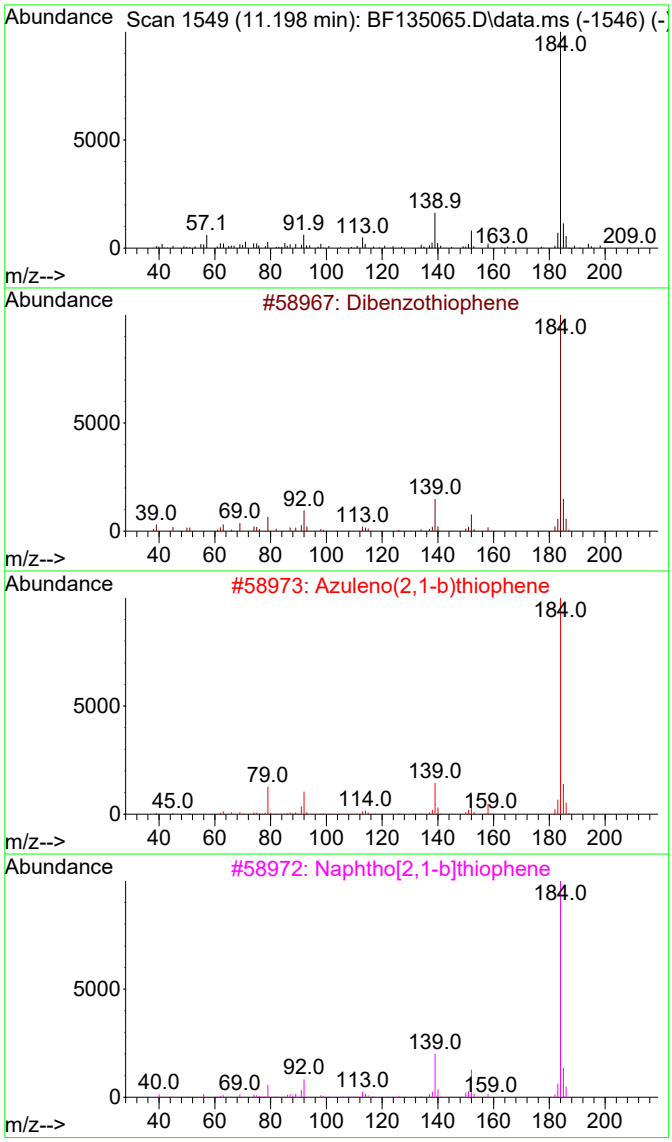
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

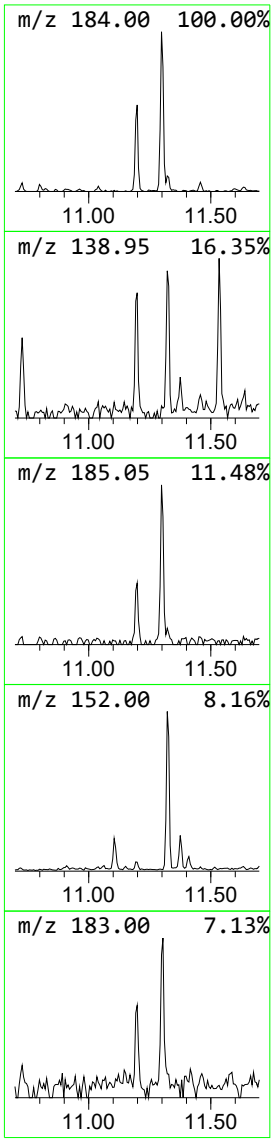
****

Peak Number 2 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	2.34 ng	69891	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





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BNA_F
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BU-04-082923

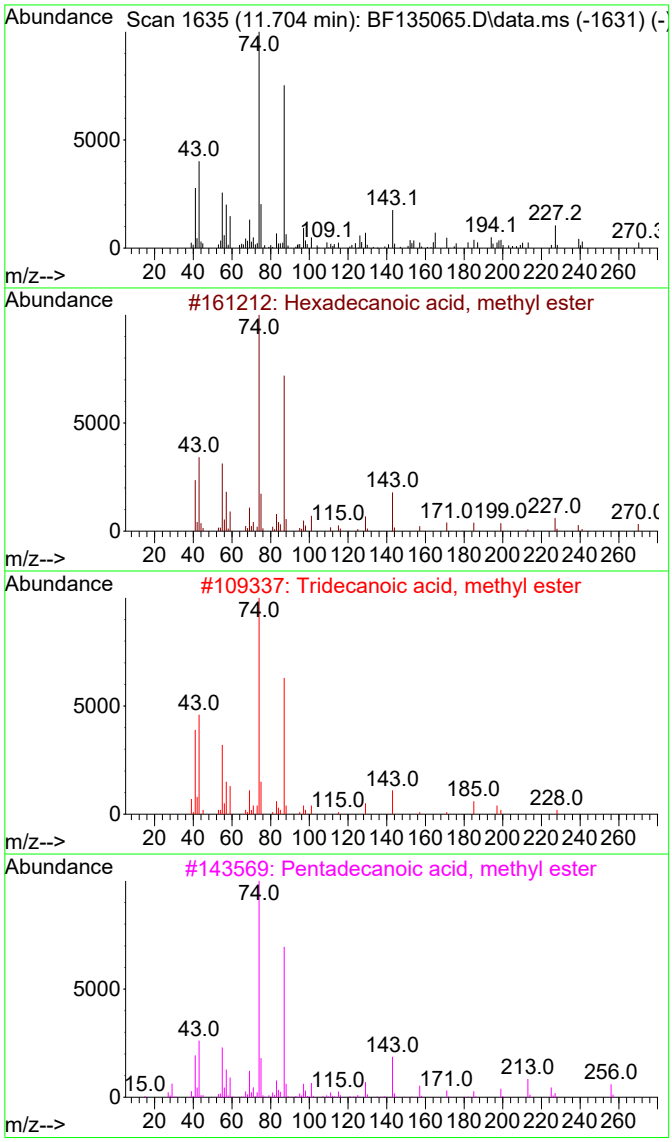
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

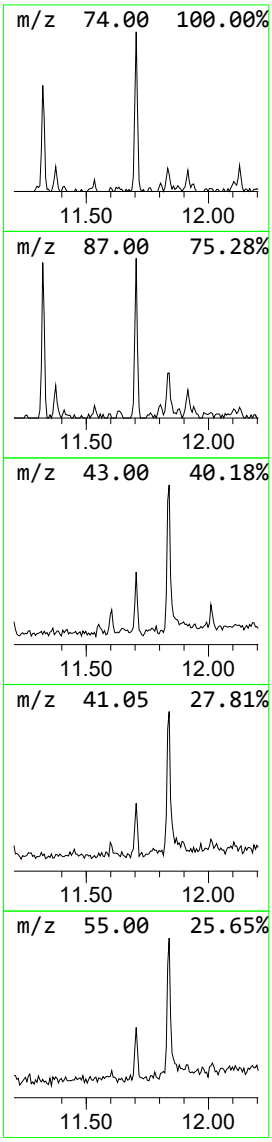
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	2.93 ng	87502	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	74
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	72





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BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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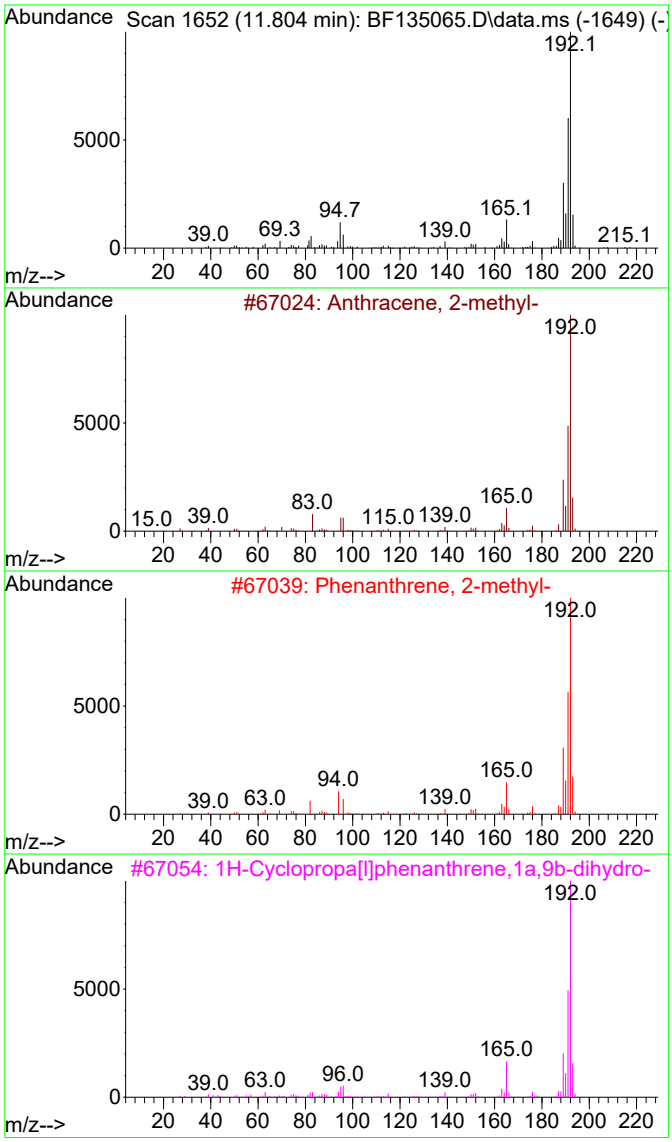
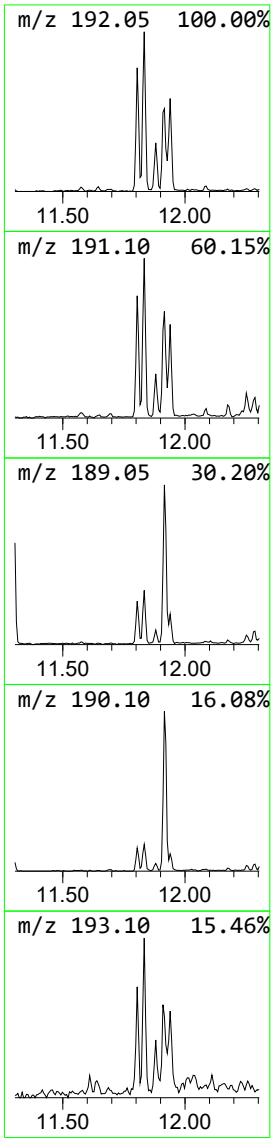
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	3.90 ng	116329	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

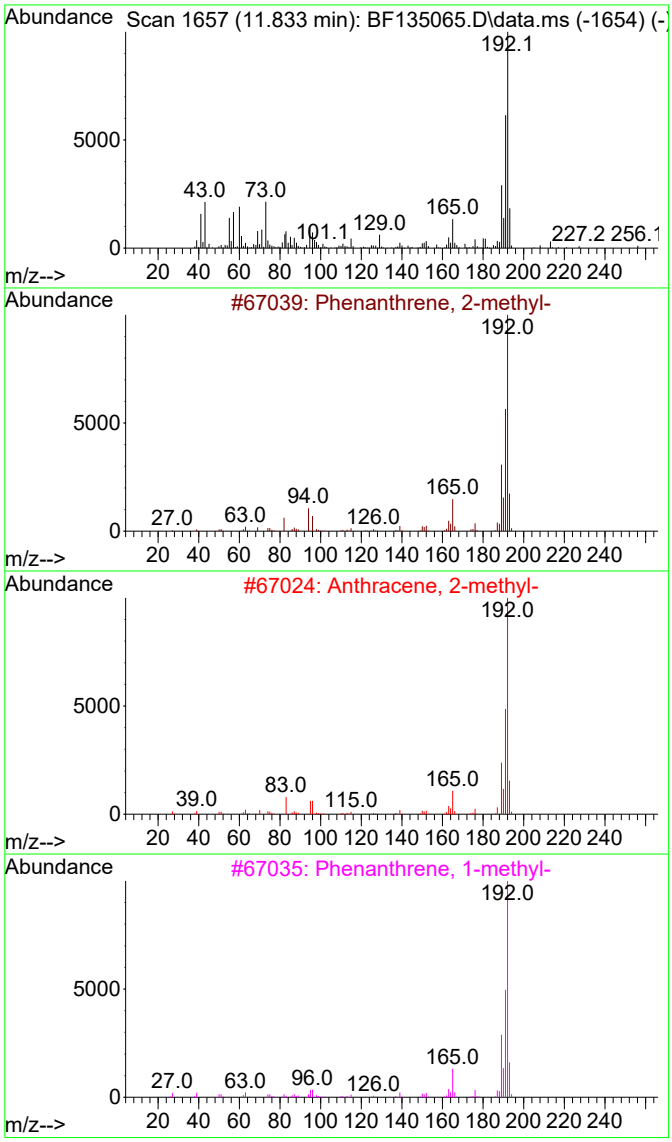
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

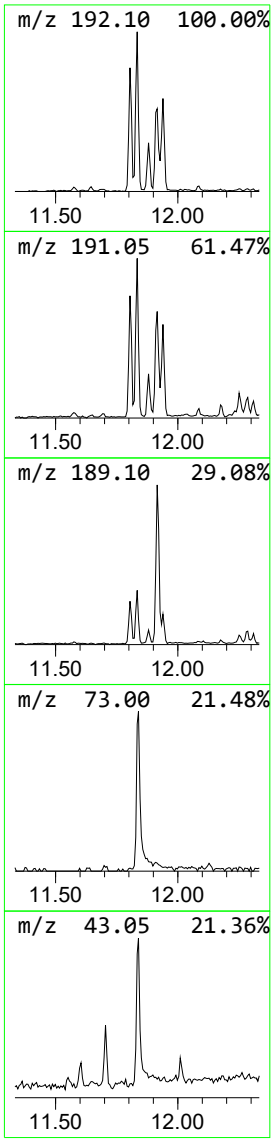
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	9.80 ng	292225	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92





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Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
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Sample : 04217-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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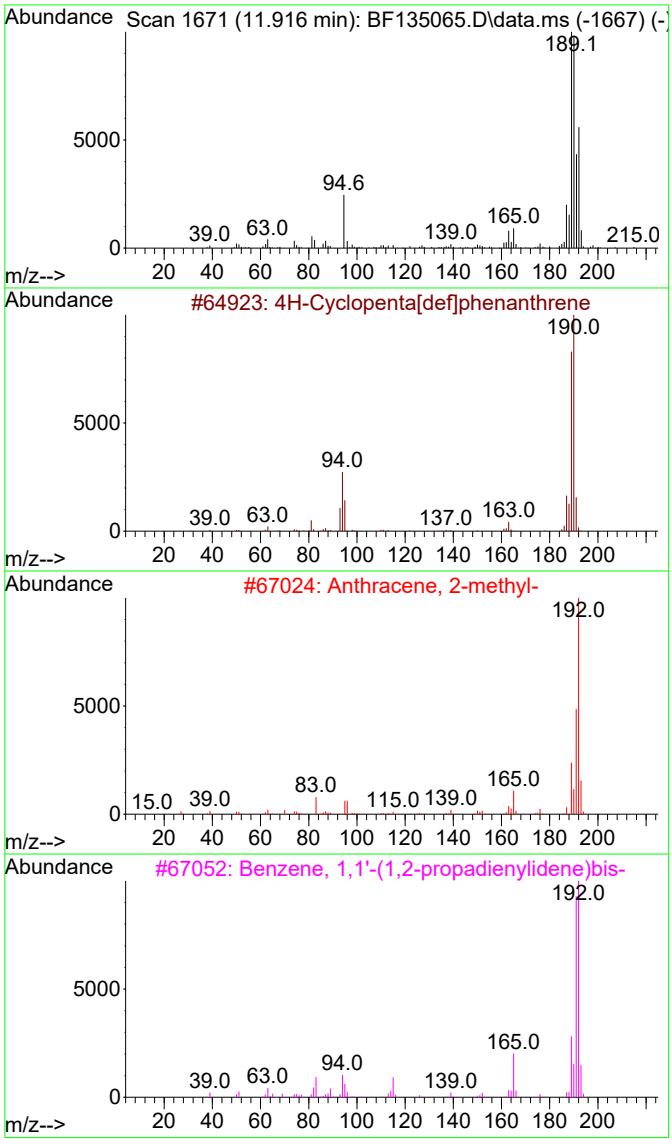
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

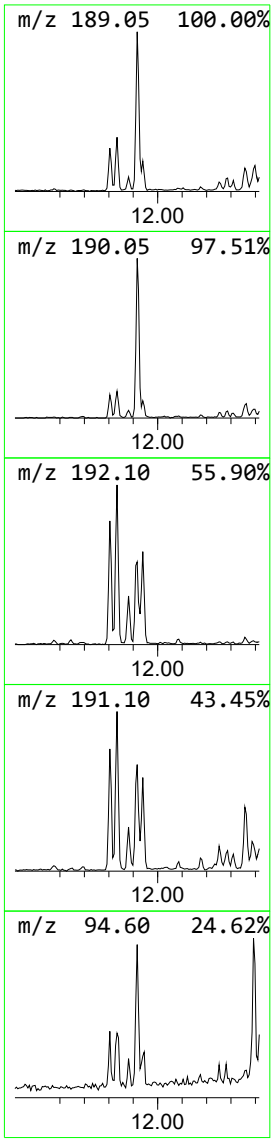
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	7.40 ng	220501	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	18





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Sample : 04217-01 2X
Misc :
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BU-04-082923

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

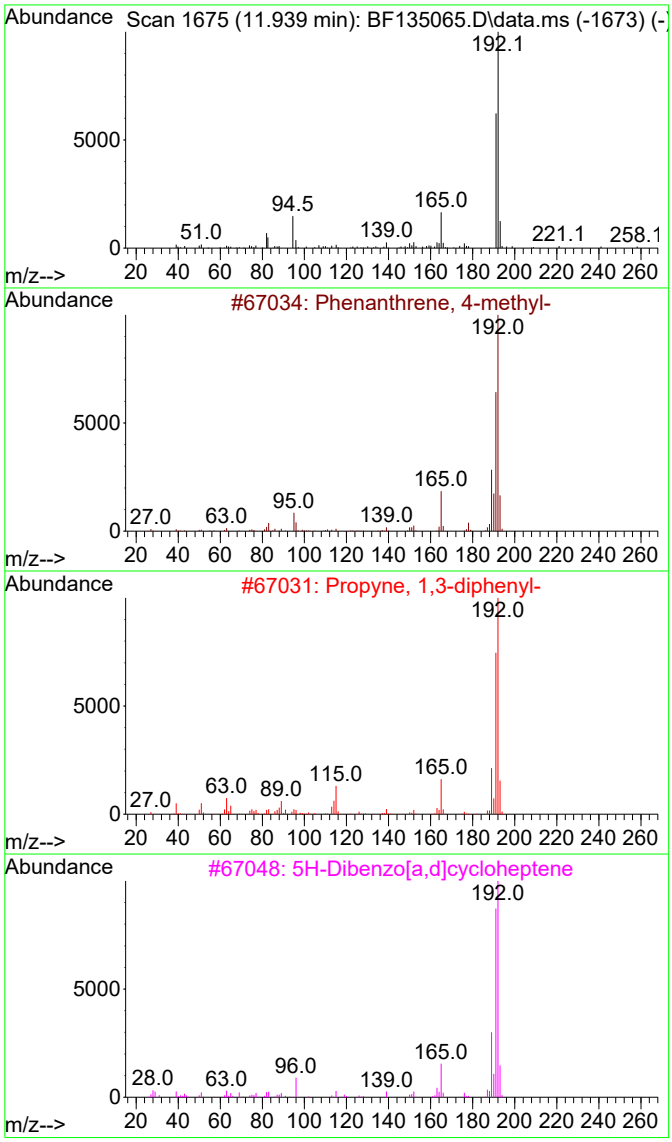
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

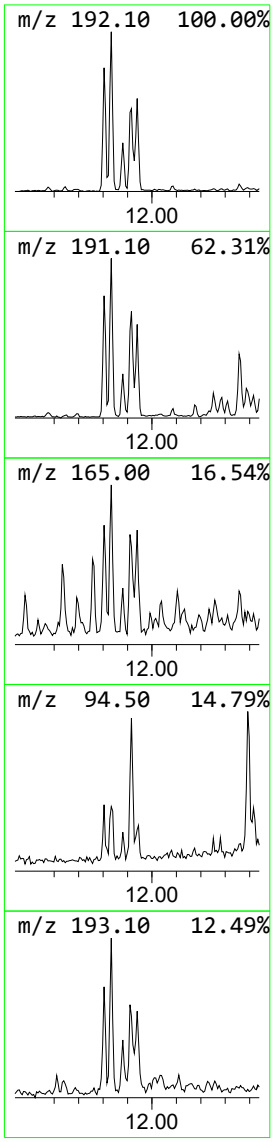
****

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.99 ng	89028	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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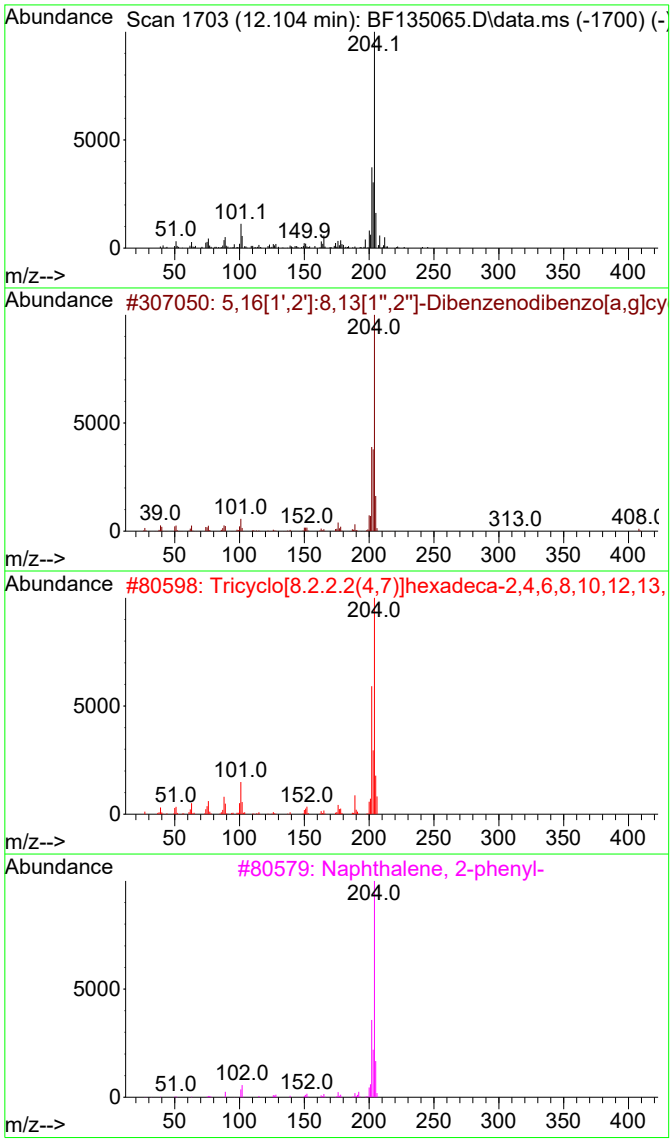
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

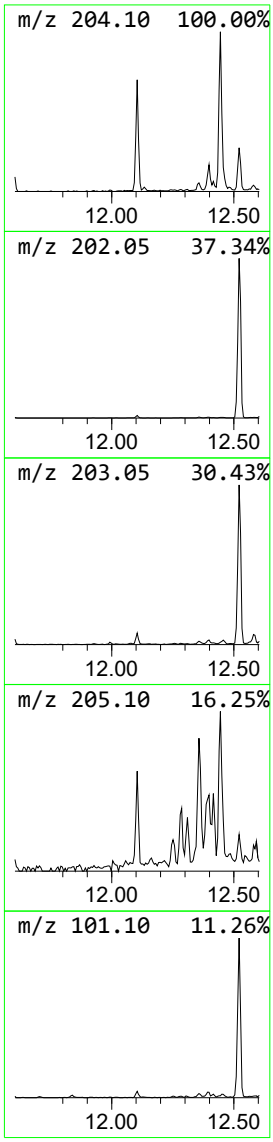
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	2.95 ng	87897	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	80
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	52
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

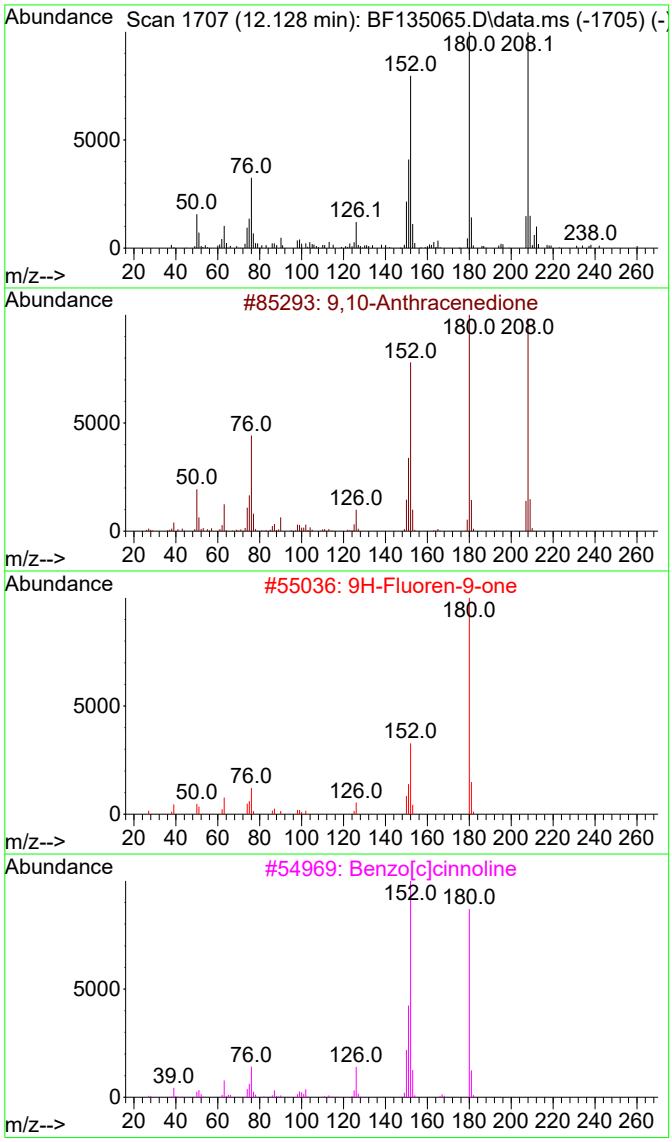
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

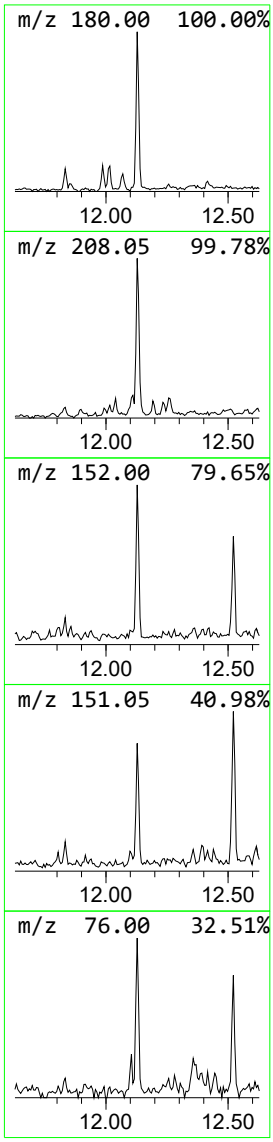
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.128	3.35 ng	100016	Phenanthrene-d10	11.298

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	87
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Misc :
ALS Vial : 22 Sample Multiplier: 1

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

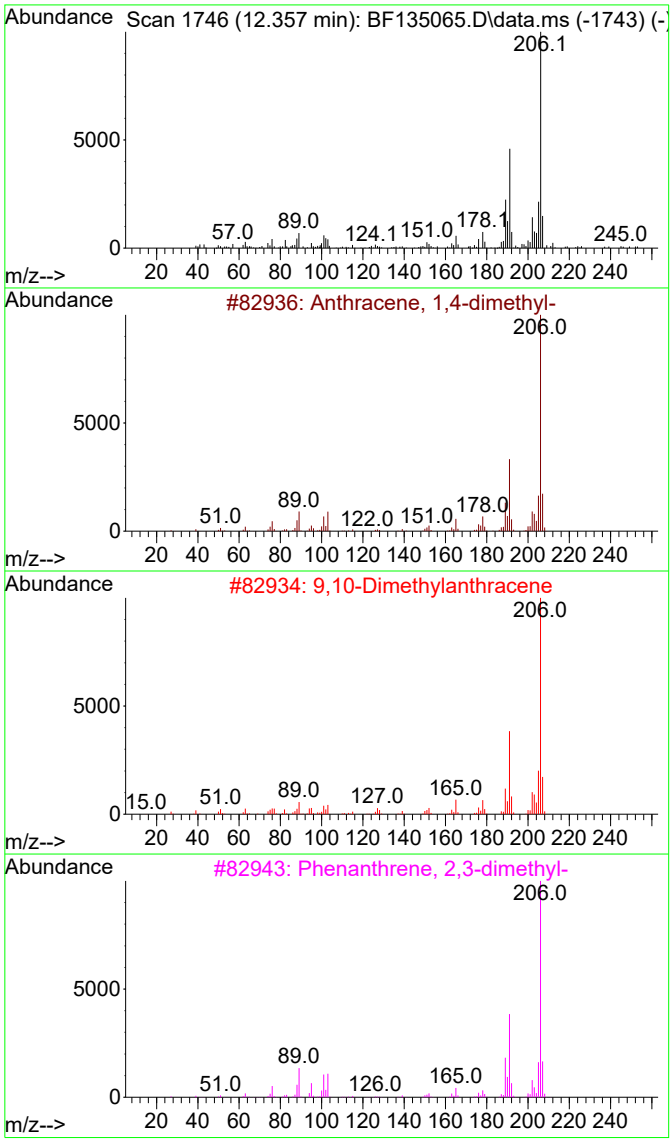
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

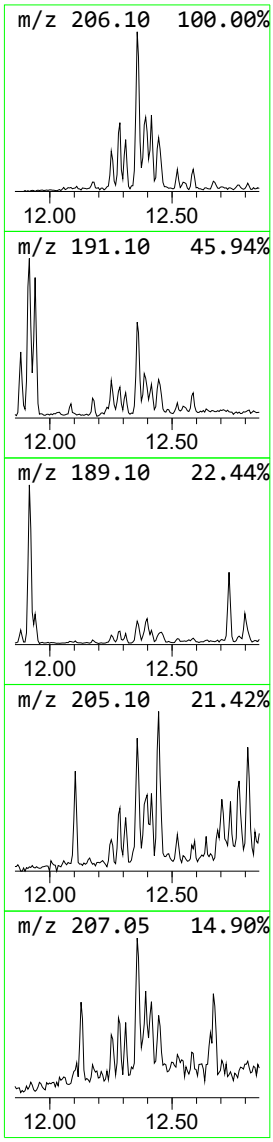
****

Peak Number 10 Anthracene, 1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	4.44 ng	132334	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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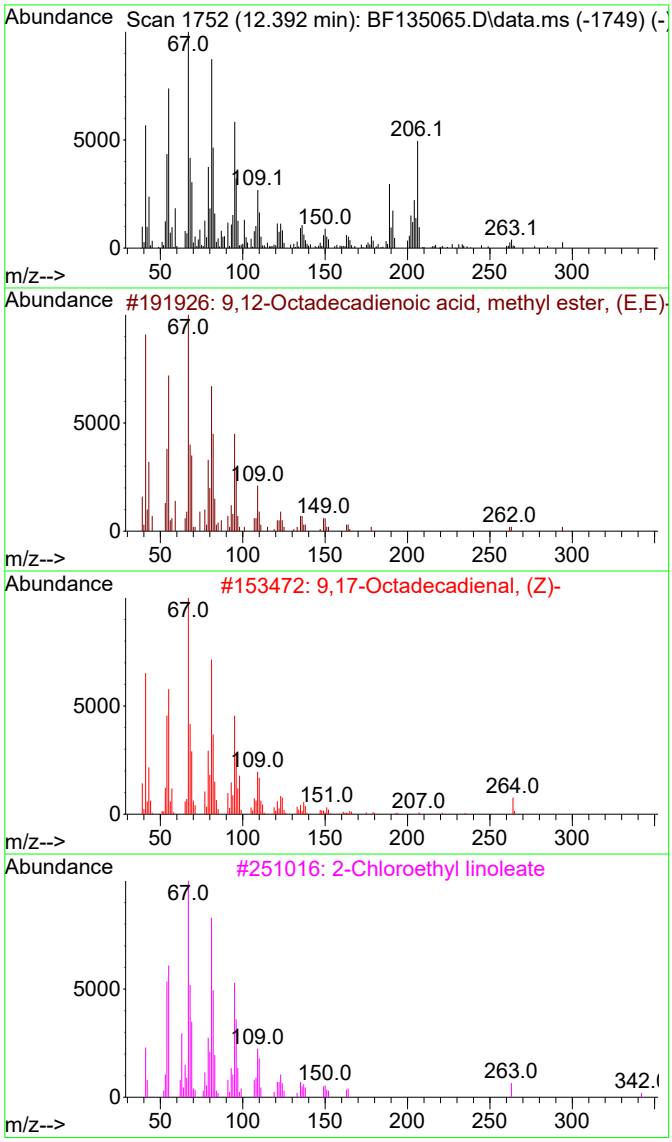
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

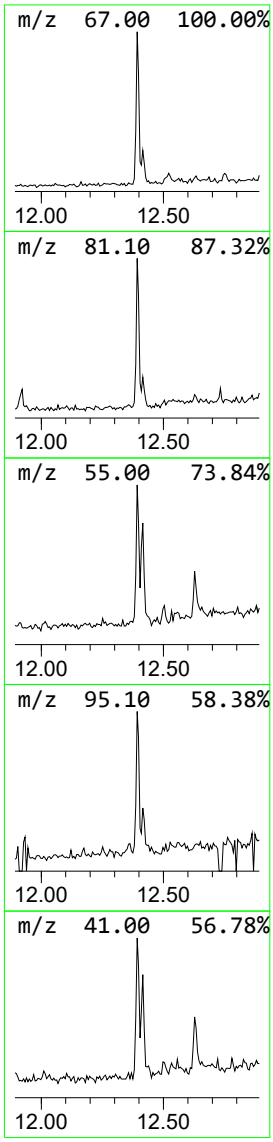
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,12-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	8.28 ng	246787	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	86
3	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	81
4	Linoelaidic acid	280	C18H32O2	000506-21-8	81
5	6-Dodecyne	166	C12H22	006975-99-1	62





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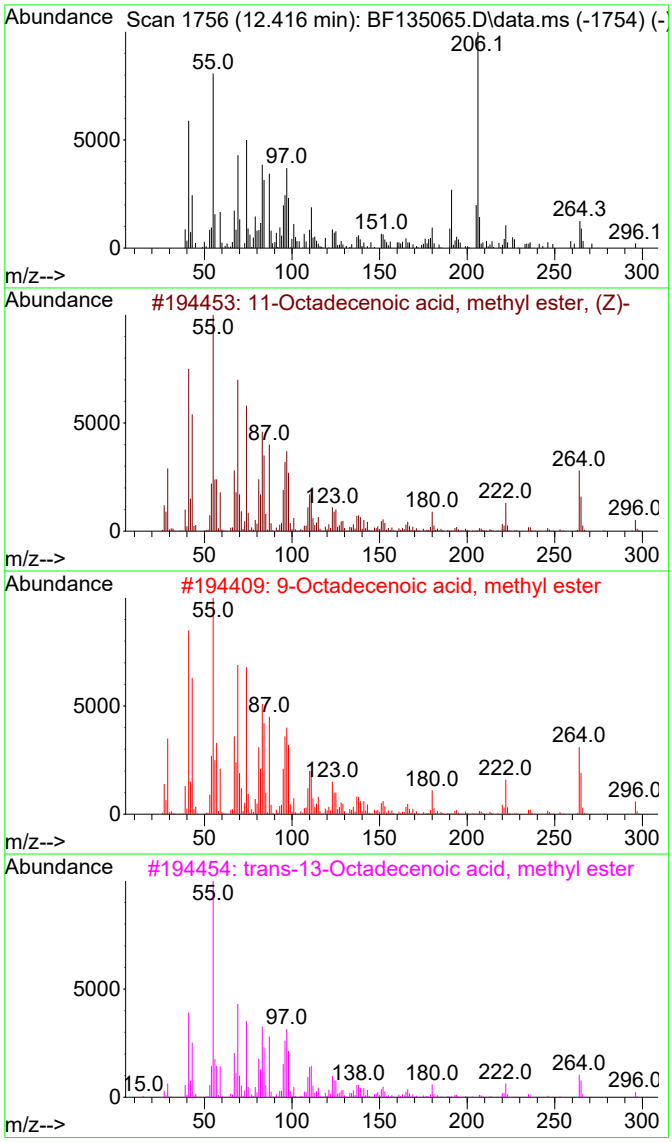
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

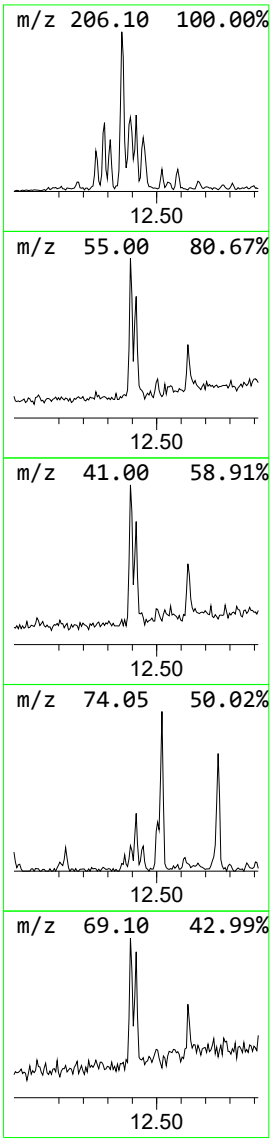
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 11-Octadecenoic acid, methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	4.17 ng	124414	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	87
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	66
3	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	60
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	56
5	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	55





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

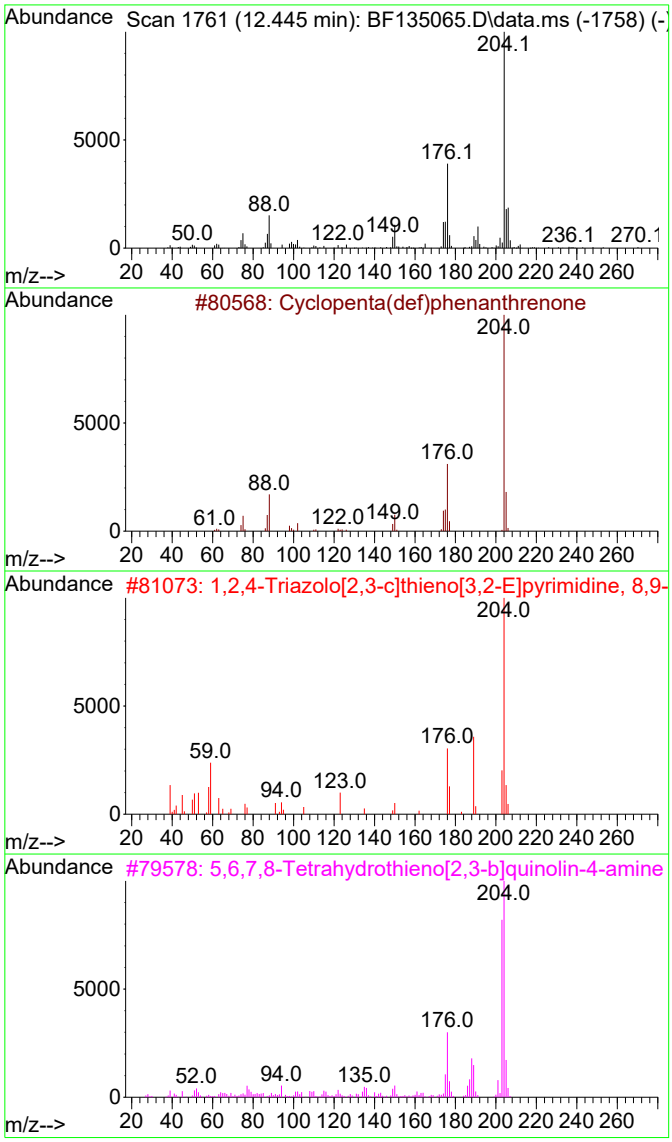
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

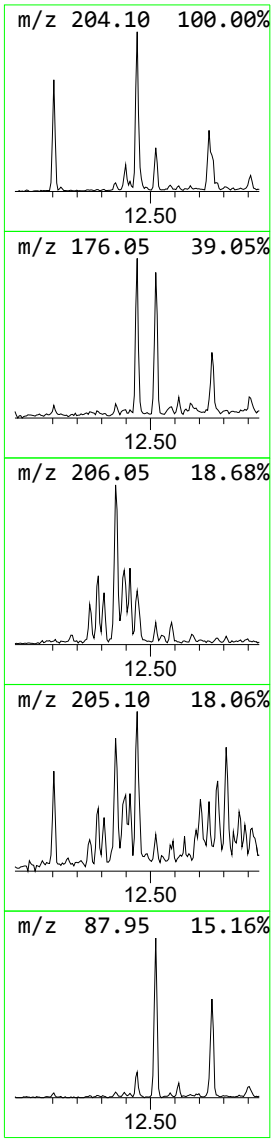
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.55 ng	135521	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
5	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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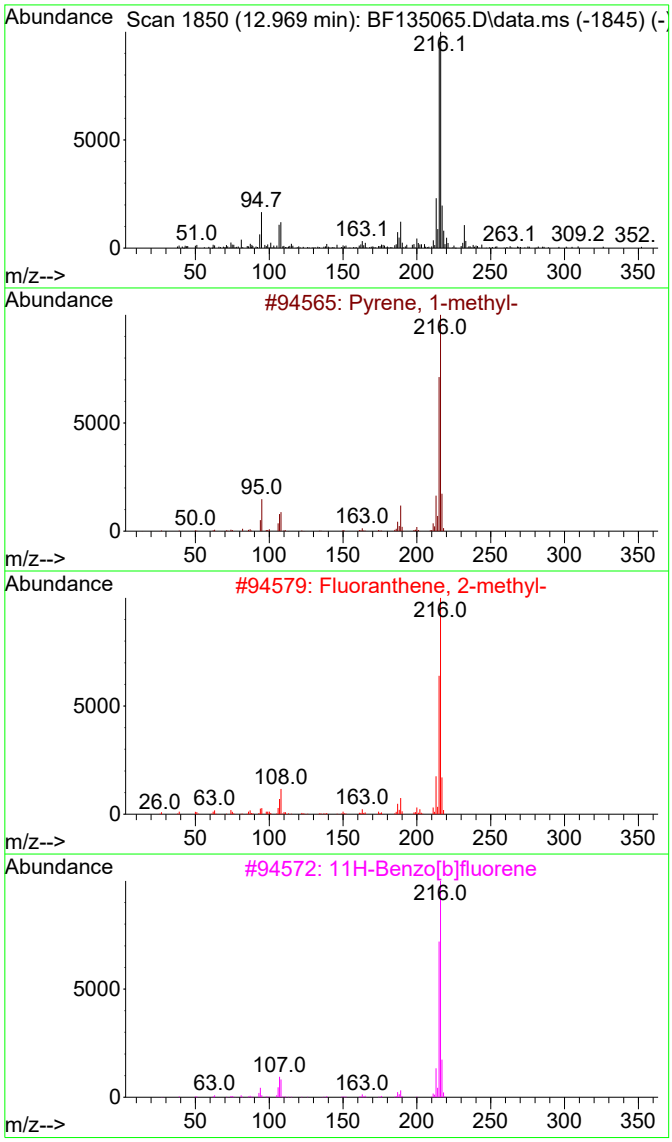
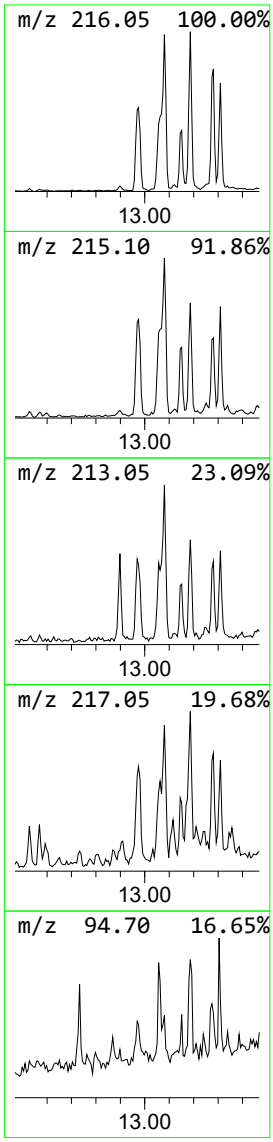
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	2.75 ng	214998	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
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	70





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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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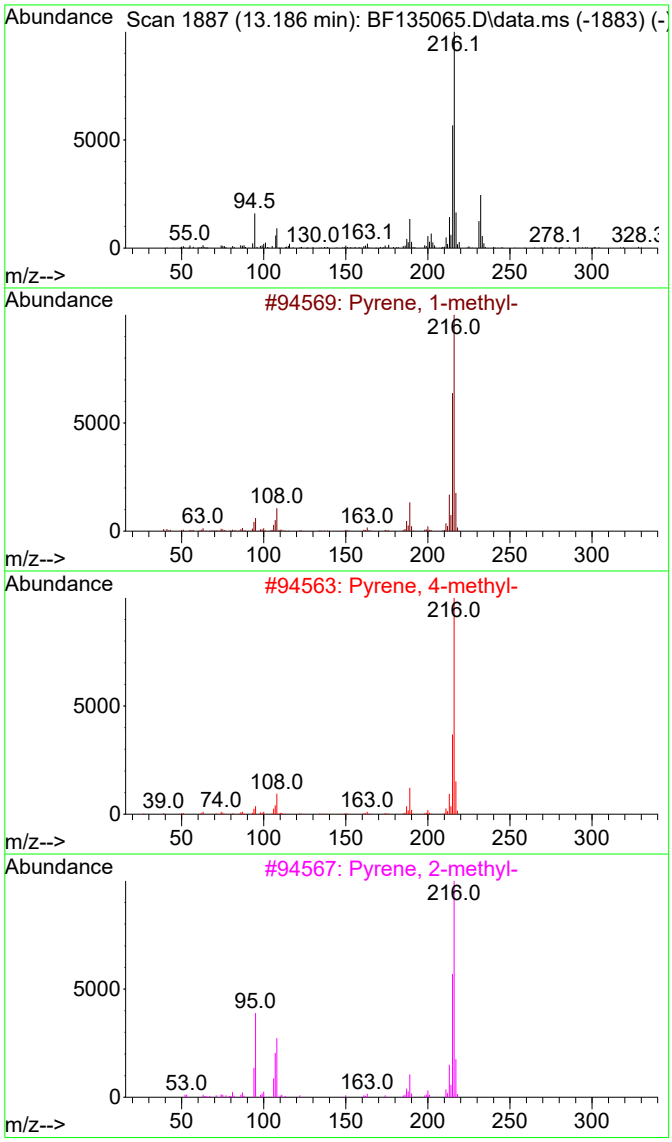
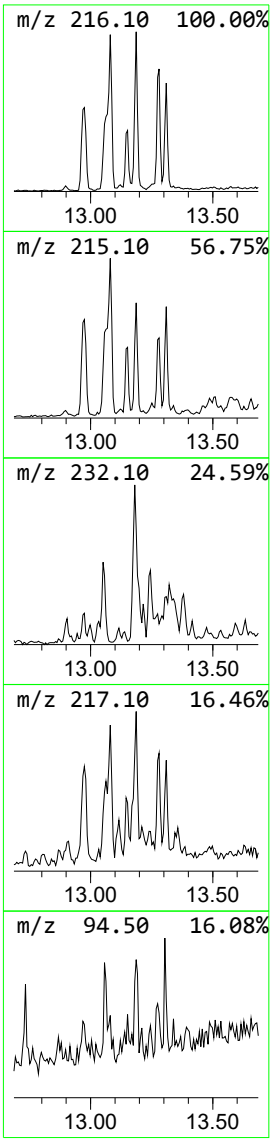
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	2.65 ng	207191	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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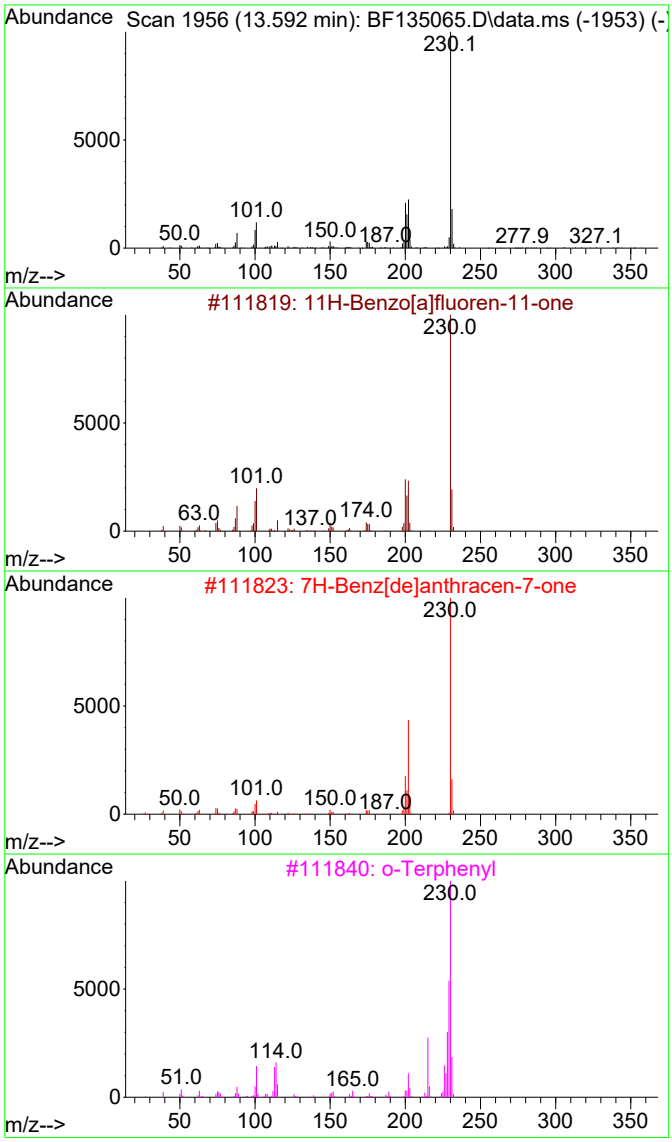
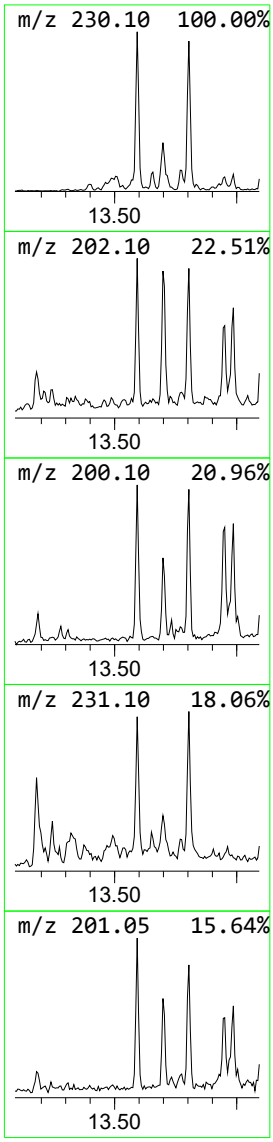
Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	2.49 ng	195242	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	o-Terphenyl	230	C18H14	000084-15-1	64
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	59





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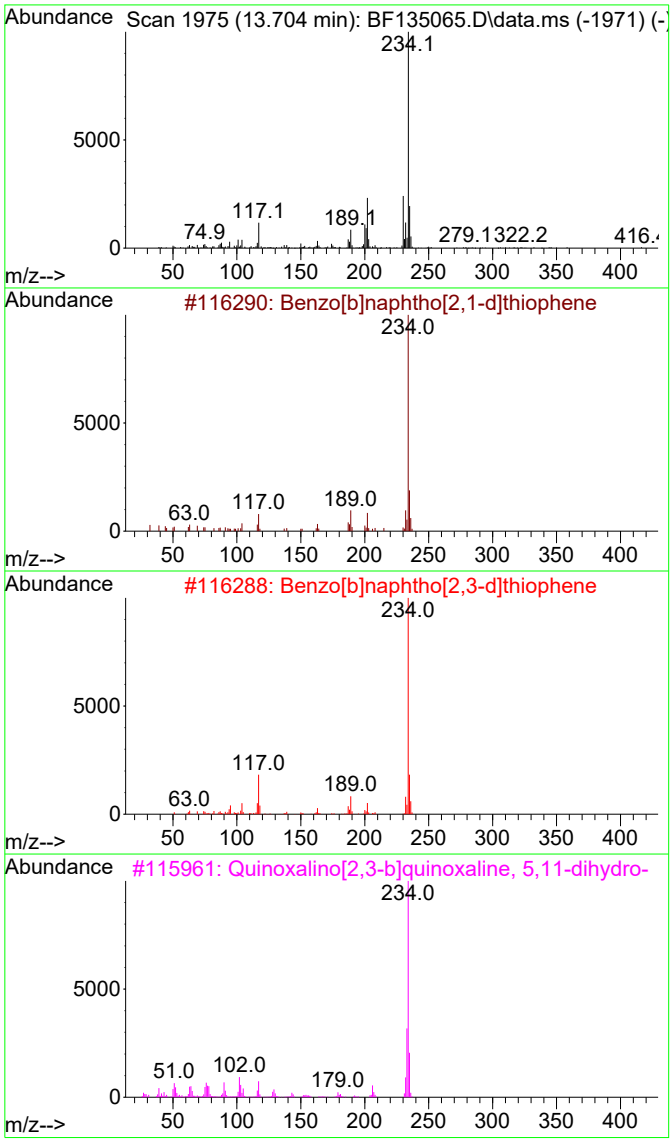
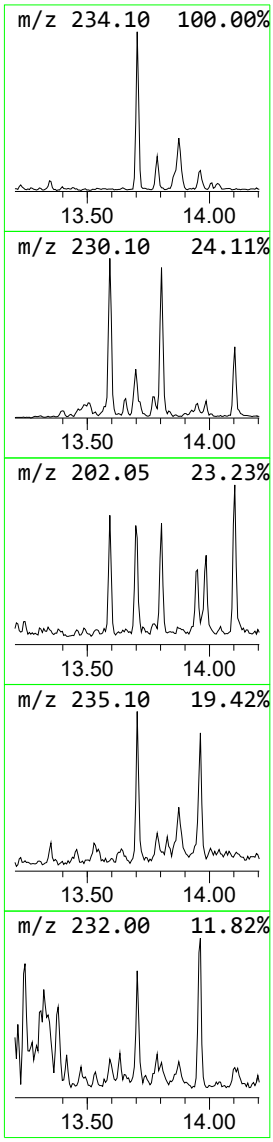
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	2.84 ng	222160	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	49
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
Operator : CG\JU
Sample : 04217-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

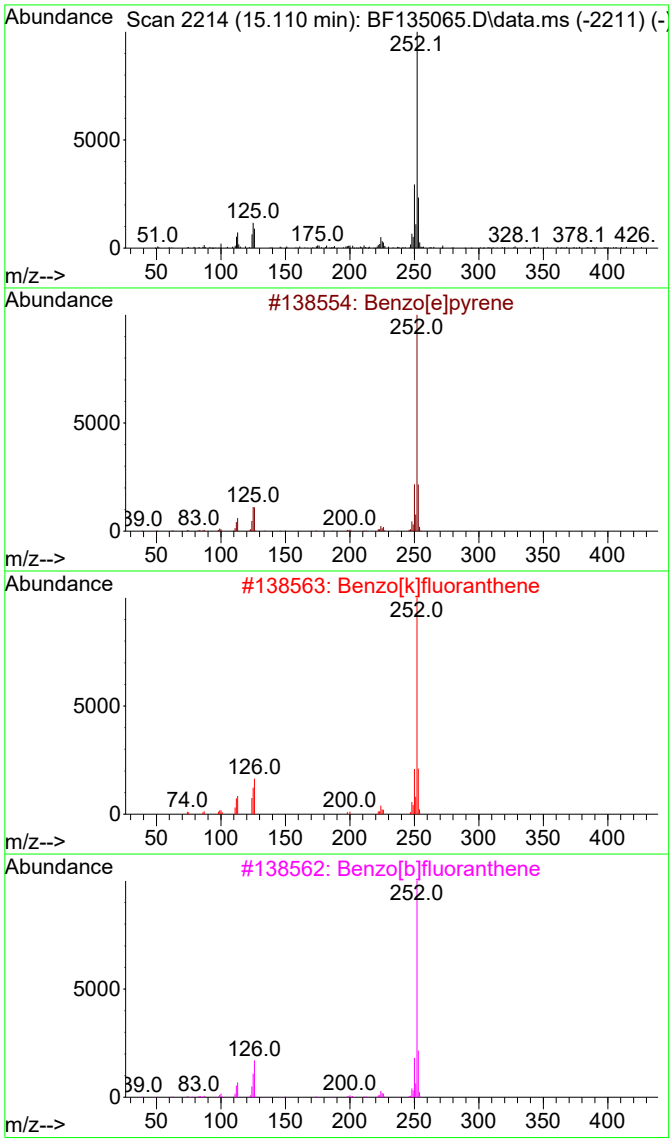
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

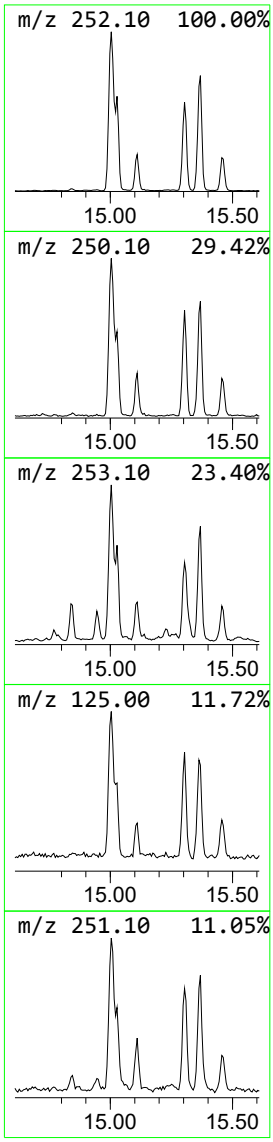
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	5.38 ng	107193	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
Data File : BF135065.D
Acq On : 01 Sep 2023 03:47
Operator : CG\JU
Sample : 04217-01 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-04-082923

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.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
Tridecane	10.722	2.3	ng	68633	4	11.298	596308	20.0
Dibenzothiophene	11.198	2.3	ng	69891	4	11.298	596308	20.0
Hexadecanoic ac...	11.704	2.9	ng	87502	4	11.298	596308	20.0
Anthracene, 2-m...	11.804	3.9	ng	116329	4	11.298	596308	20.0
Phenanthrene, 2...	11.833	9.8	ng	292225	4	11.298	596308	20.0
4H-Cyclopenta[d...	11.916	7.4	ng	220501	4	11.298	596308	20.0
Phenanthrene, 4...	11.939	3.0	ng	89028	4	11.298	596308	20.0
5,16[1',2']:8,1...	12.104	3.0	ng	87897	4	11.298	596308	20.0
9,10-Anthracene...	12.128	3.4	ng	100016	4	11.298	596308	20.0
Anthracene, 1,4...	12.357	4.4	ng	132334	4	11.298	596308	20.0
9,12-Octadecadi...	12.392	8.3	ng	246787	4	11.298	596308	20.0
11-Octadecenoic...	12.416	4.2	ng	124414	4	11.298	596308	20.0
Cyclopenta(def)...	12.445	4.5	ng	135521	4	11.298	596308	20.0
Pyrene, 1-methyl-	12.969	2.8	ng	214998	5	13.963	1565600	20.0
Pyrene, 4-methyl-	13.186	2.6	ng	207191	5	13.963	1565600	20.0
11H-Benzo[a]flu...	13.592	2.5	ng	195242	5	13.963	1565600	20.0
Benzo[b]naphtho...	13.704	2.8	ng	222160	5	13.963	1565600	20.0
Benzo[e]pyrene	15.110	5.4	ng	107193	6	15.427	398588	20.0