LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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: BF135025.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	6	10	18	rVB2	36582	61557	2.28%	0.175%
2	5.004	492	496	503	rVB	88273	110372	4.09%	0.313%
3	5.398	559	563	567	rBV	2467729	2518686	93.28%	7.143%
4	6.410	730	735	738	rBV	2552297	2528840	93.65%	7.172%
5	6.604	764	768	773	rBV	72795	73136	2.71%	0.207%
6	6.769	793	796	800	rBV	1017974	832530	30.83%	2.361%
7	7.334	887	892	895	rBV	1803753	1610251	59.63%	4.567%
8	8.051	1009	1014	1016	rBV	1289303	1124897	41.66%	3.190%
9	8.069	1016	1017	1022	rVB	88216	59219	2.19%	0.168%
10	8.763	1130	1135	1138	rBV	105308	81587	3.02%	0.231%
11	8.863	1148	1152	1156	rVB	125055	104495	3.87%	0.296%
12	9.128	1192	1197	1201	rBV	2879606	2700216	100.00%	7.658%
13	9.392	1237	1242	1246	rBV2	98869	145085	5.37%	0.411%
14	9.463	1250	1254	1257	rVV	187561	193430	7.16%	0.549%
15	9.492	1257	1259	1261	rVV	122560	95012	3.52%	0.269%
16	9.581	1272	1274	1279	rVB	92876	97890	3.63%	0.278%
17	9.669	1285	1289	1293	rBV	216586	190223	7.04%	0.540%
18	9.810	1306	1313	1316	rBV	1233978	1180823	43.73%	3.349%
19	9.839	1316	1318	1322	rVB	89847	75134	2.78%	0.213%
20	9.916	1327	1331	1335	rBV	54581	65531	2.43%	0.186%
21	10.010	1341	1347	1351	rVV2	128892	142388	5.27%	0.404%
22	10.051	1351	1354	1357	rVB	109409	82859	3.07%	0.235%
23	10.122	1362	1366	1369	rBV2	94897	111903	4.14%	0.317%
24	10.216	1378	1382	1384	rBV2	71177	92859	3.44%	0.263%
25	10.357	1403	1406	1412	rVV2	170103	194399	7.20%	0.551%
26	10.422	1412	1417	1419	rVV3	49107	63466	2.35%	0.180%
27	10.469	1423	1425	1429	rVV2	52378	60766	2.25%	0.172%
28	10.516	1429	1433	1441	rVV3	68532	108367	4.01%	0.307%
29	10.598	1442	1447	1451	rVV	1696100	1517766	56.21%	4.305%
30	10.728	1465	1469	1474	rVB	99405	112525	4.17%	0.319%
31	10.910	1495	1500	1502	rBV3	81448	108417	4.02%	0.307%
32	11.104	1531	1533	1537	rVB2	82573	73945	2.74%	0.210%
33	11.192	1546	1548	1554	rVB	124187	125351	4.64%	0.356%
34	11.298	1562	1566	1568	rBV	1004954	956920	35.44%	2.714%
35	11.327	1568	1571	1574	rVV	1099586	977795	36.21%	2.773%
36	11.375	1576	1579	1582	rVB	190867	149107	5.52%	0.423%

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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	11.410	1582	1585	1588	rBV2	67544	76461	2.83%	0.217%
38	11.633	1620	1623	1627	rVB	168175	147175	5.45%	0.417%
39	11.716	1632	1637	1641	rVB2	104209	135568	5.02%	0.384%
40	11.757	1641	1644	1648	rBV2	48197	63625	2.36%	0.180%
41	11.804	1649	1652	1655	rBV	396097	365872	13.55%	1.038%
42	11.833	1655	1657	1662	rVV2	683702	703967	26.07%	1.997%
43	11.880	1662	1665	1667	rVV	84036	65147	2.41%	0.185%
44	11.916	1667	1671	1673	rVV	458042	438199	16.23%	1.243%
45	11.939	1673	1675	1681	rVB	304065	257934	9.55%	0.732%
46	12.039	1690	1692	1695	rVB	90910	67590	2.50%	0.192%
47	12.104	1700	1703	1705	rVV2	183291	185471	6.87%	0.526%
48	12.127	1705	1707	1714	rVB2	153103	179252	6.64%	0.508%
49	12.251	1726	1728	1731	rVV	103528	102663	3.80%	0.291%
50	12.286	1731	1734	1736	rVV	165787	156607	5.80%	0.444%
51	12.310	1736	1738	1740	rVB	117723	90254	3.34%	0.256%
52	12.357	1740	1746	1749	rBV	358672	396545	14.69%	1.125%
53	12.392	1749	1752	1755	rVV2	182078	240904	8.92%	0.683%
54	12.416	1755	1756	1758	rVB	125629	66107	2.45%	0.187%
55	12.445	1758	1761	1765	rBV2	184172	223017	8.26%	0.633%
56	12.522	1770	1774	1777	rBV	1138109	933587	34.57%	2.648%
57	12.569	1779	1782	1783	rVV	87712	84421	3.13%	0.239%
58	12.627	1787	1792	1795	rVV3	100785	171723	6.36%	0.487%
59	12.674	1798	1800	1803	rVV3	81345	91207	3.38%	0.259%
60	12.751	1807	1813	1816	rVV	1264807	1204992	44.63%	3.418%
61	12.810	1820	1823	1826	rVB2	139726	151024	5.59%	0.428%
62	12.898	1834	1838	1845	rVB	2039901	1916217	70.97%	5.435%
63	12.969	1845	1850	1854	rBV2	171120	257510	9.54%	0.730%
64	13.057	1862	1865	1867	rBV2	133407	164585	6.10%	0.467%
65	13.080	1867	1869	1872	rVB2	239739	203953	7.55%	0.578%
66	13.127	1872	1877	1878	rBV4	61116	78557	2.91%	0.223%
67	13.145	1878	1880	1883	rVB2	108631	105431	3.90%	0.299%
68	13.186	1883	1887	1891	rBV2	271049	245760	9.10%	0.697%
69	13.280	1899	1903	1905	rVB	203229	178456	6.61%	0.506%
70	13.310	1905	1908	1910	rBV2	207365	175870	6.51%	0.499%
71	13.333	1910	1912	1919	rVB4	83716	97911	3.63%	0.278%
72	13.486	1935	1938	1940	rBV3	56794	58779	2.18%	0.167%
73	13.592	1953	1956	1960	rVB	141017	153707	5.69%	0.436%
74	13.651	1964	1966	1969	rVB	67298	60140	2.23%	0.171%
75	13.704	1969	1975	1978	rBV3	186939	288616	10.69%	0.819%
76	13.733	1978	1980	1982	rVV	112350	86996	3.22%	0.247%

LSC Area Percent Report

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Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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	13.757	1982	1984	1987	rVV	67434	86265	3.19%	0.245%
78	13.810	1990	1993	2001	rVB3	213887	321080	11.89%	0.911%
79	13.957	2013	2018	2021	rBV2	973045	1377814	51.03%	3.908%
80	13.980	2021	2022	2028	rVB	507248	446582	16.54%	1.267%
81	14.045	2030	2033	2035	rBV	69950	69044	2.56%	0.196%
82	14.104	2040	2043	2044	rVV	73988	75785	2.81%	0.215%
83	14.121	2044	2046	2053	rVB5	78580	136914	5.07%	0.388%
84	14.216	2060	2062	2065	rVB2	73110	64699	2.40%	0.183%
85	14.345	2080	2084	2088	rVB	218612	240282	8.90%	0.681%
86	14.380	2088	2090	2093	rVB	128983	110726	4.10%	0.314%
87	14.439	2098	2100	2103	rVB3	81242	73222	2.71%	0.208%
88	14.474	2103	2106	2108	rBV	91175	83296	3.08%	0.236%
89	14.680	2138	2141	2147	rVB3	54796	91622	3.39%	0.260%
90	14.768	2154	2156	2160	rVB	73968	80883	3.00%	0.229%
91	14.904	2176	2179	2185	rVB5	65356	86791	3.21%	0.246%
92	14.998	2191	2195	2199	rBV	335242	545369	20.20%	1.547%
93	15.104	2210	2213	2219	rVB2	72069	96862	3.59%	0.275%
94	15.298	2242	2246	2253	rVB	231664	300822	11.14%	0.853%
95	15.363	2253	2257	2262	rBV	323415	383727	14.21%	1.088%
96	15.427	2263	2268	2272	rBV	549381	662709	24.54%	1.880%
97	15.921	2347	2352	2356	rBV4	54837	99859	3.70%	0.283%
98	15.992	2360	2364	2370	rVB5	51388	90401	3.35%	0.256%
99	16.898	2513	2518	2526	rVB2	94996	197432	7.31%	0.560%
100	17.345	2589	2594	2601	rVB	73875	136989	5.07%	0.389%

Sum of corrected areas: 35258722

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
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Instrument :
BNA_F
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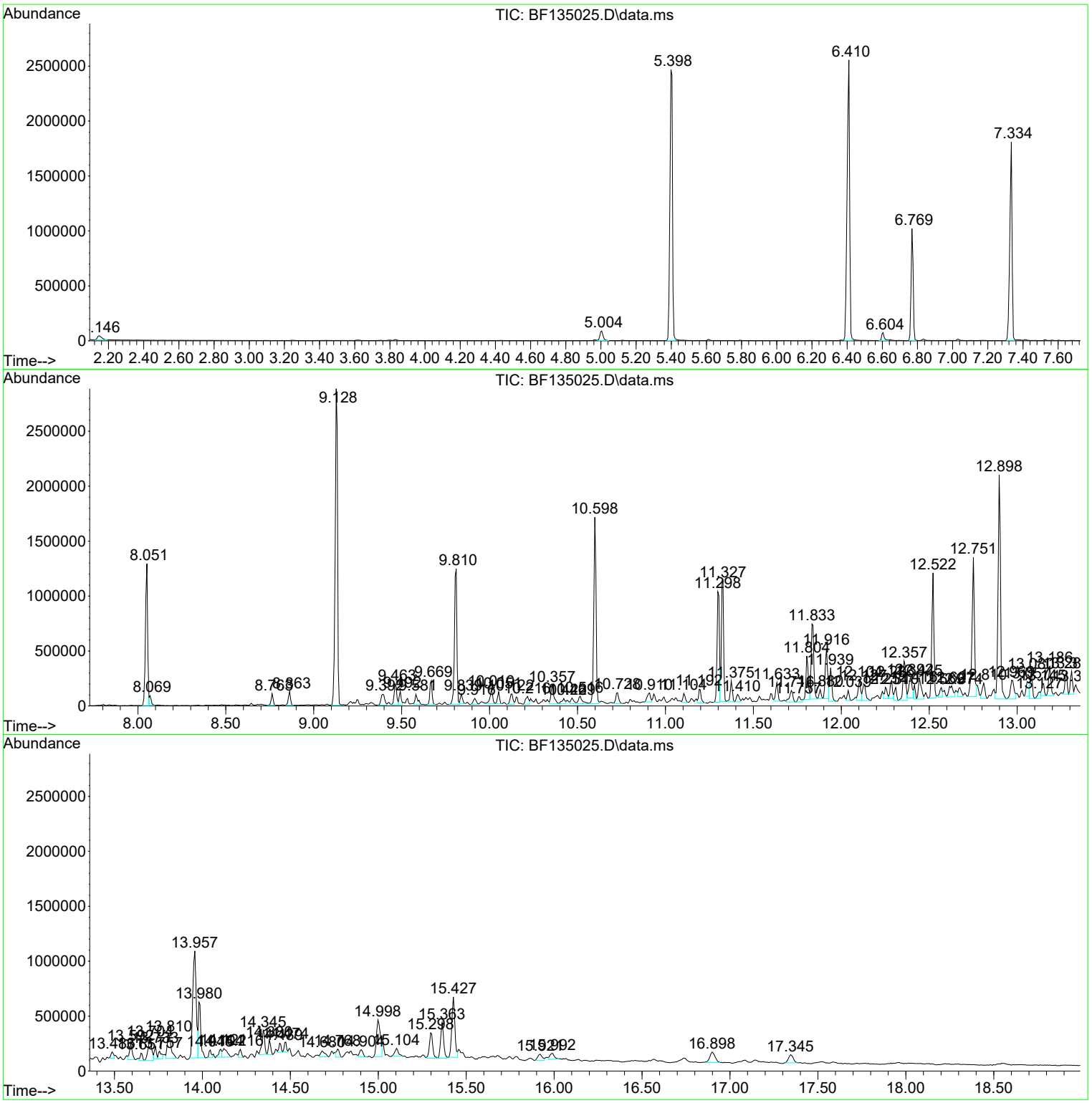
OR-309-OK-370-COMP-21

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\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
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Sample : 04197-08
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Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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

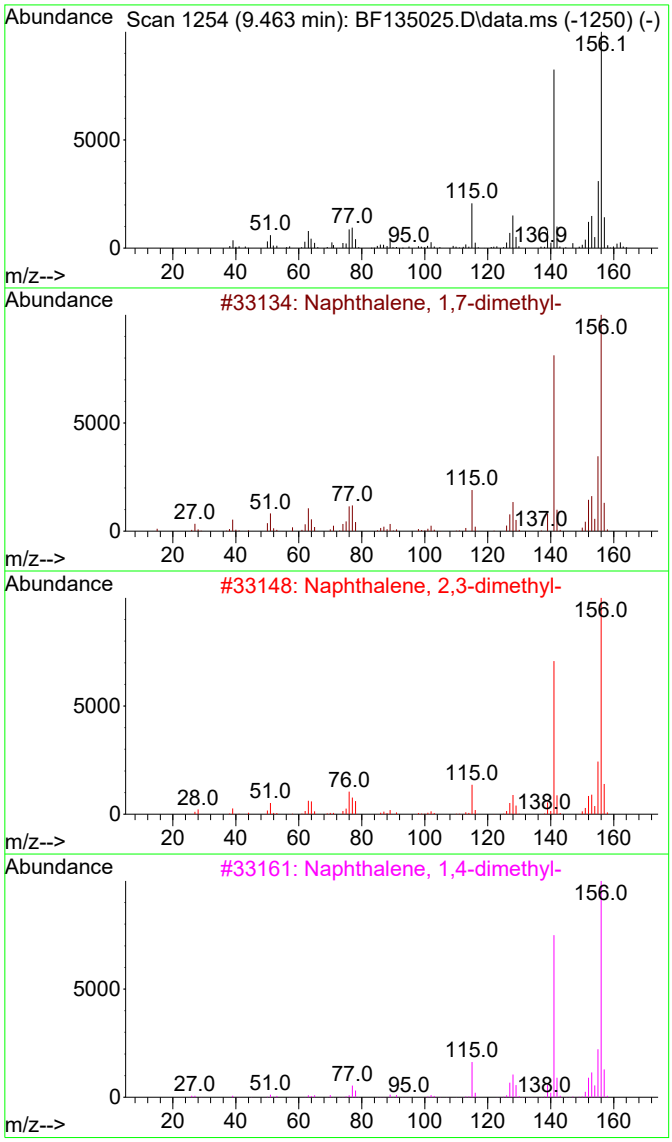
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

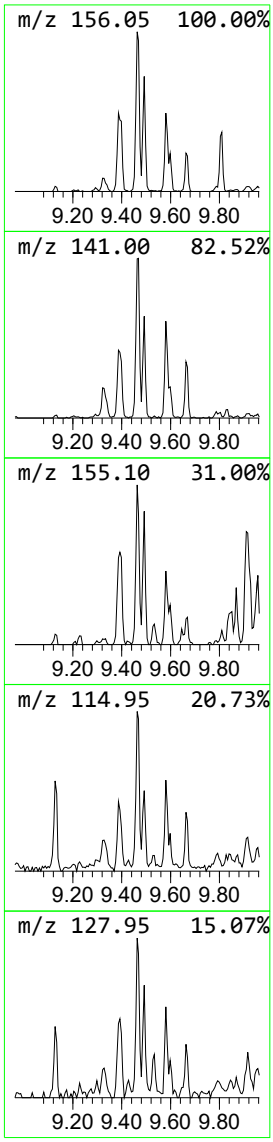
****

Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	3.28 ng	193430	Acenaphthene-d10	9.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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

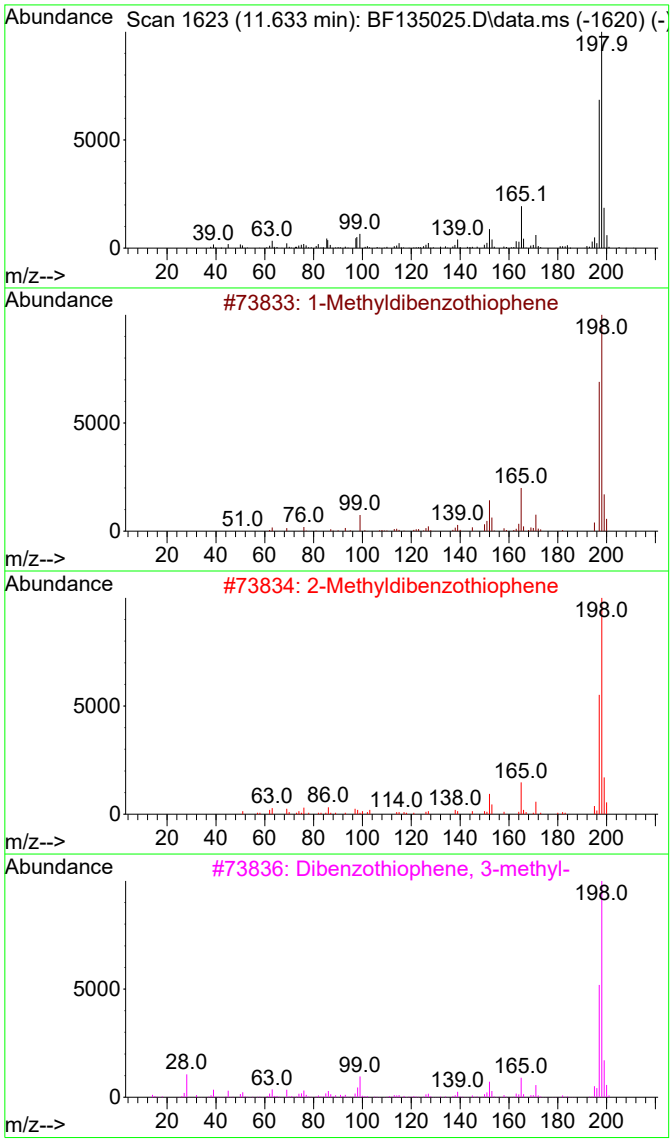
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

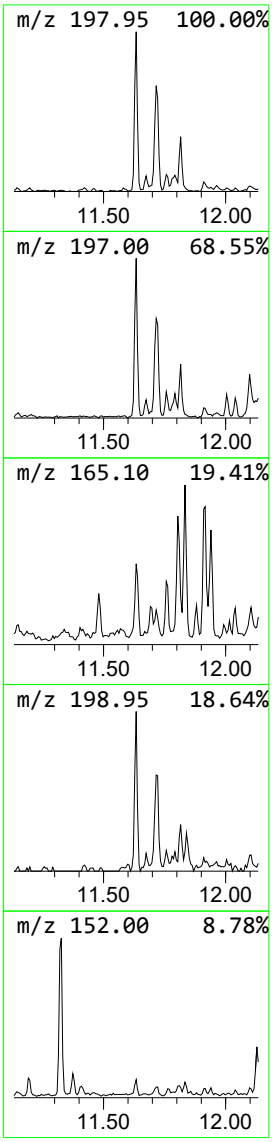
****

Peak Number 2 1-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	3.08 ng	147175	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	91
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
5	Thioxanthene	198	C13H10S	000261-31-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
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BNA_F
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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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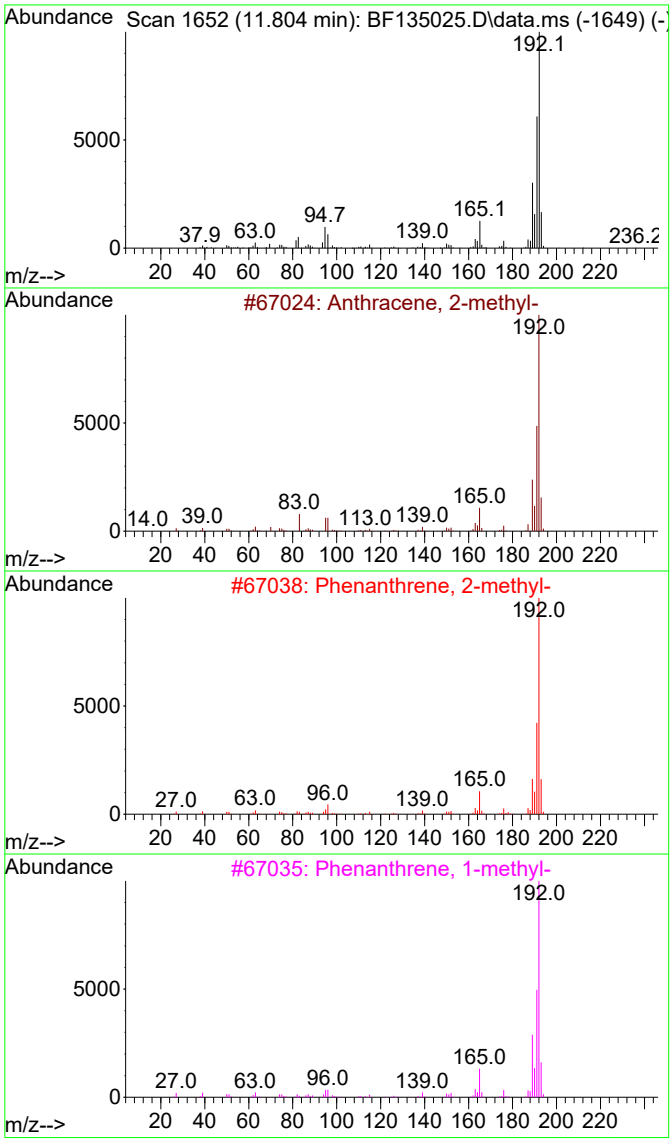
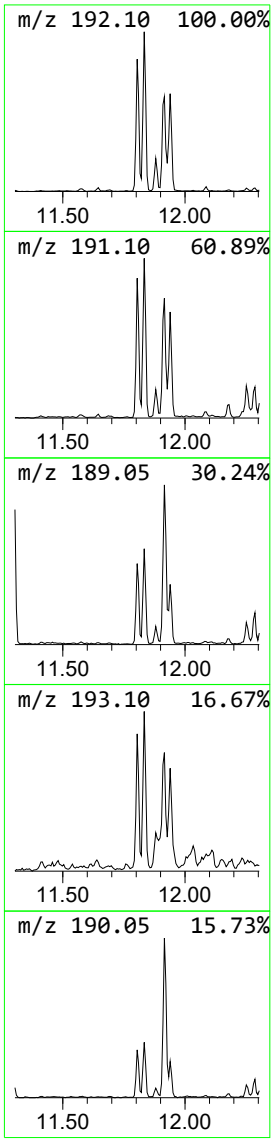
Peak Number 3 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	7.65 ng	365872	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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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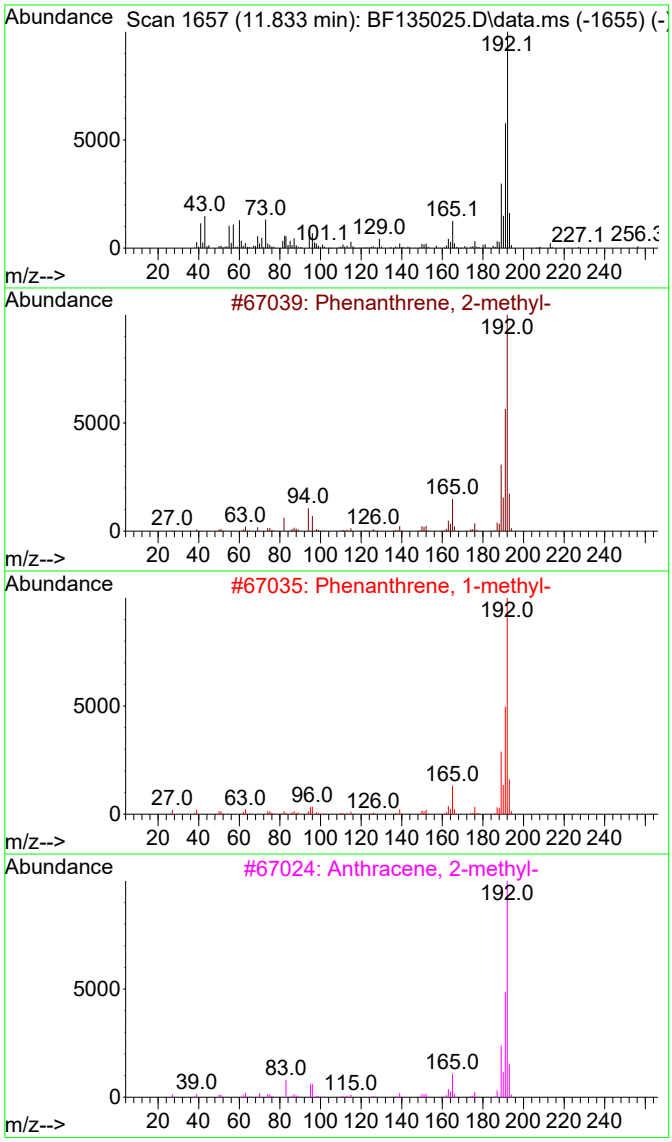
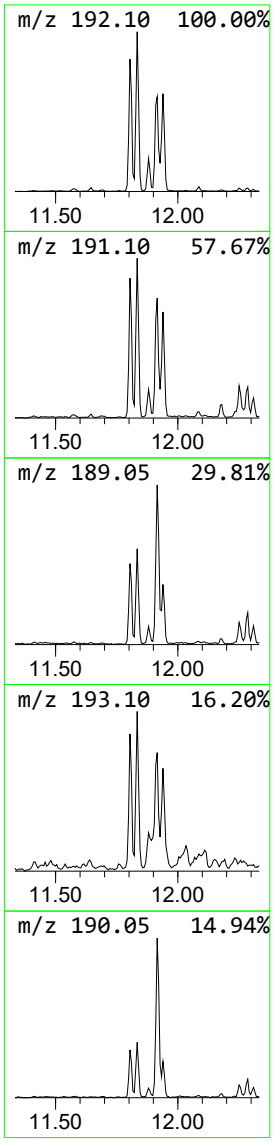
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	14.71 ng	703967	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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

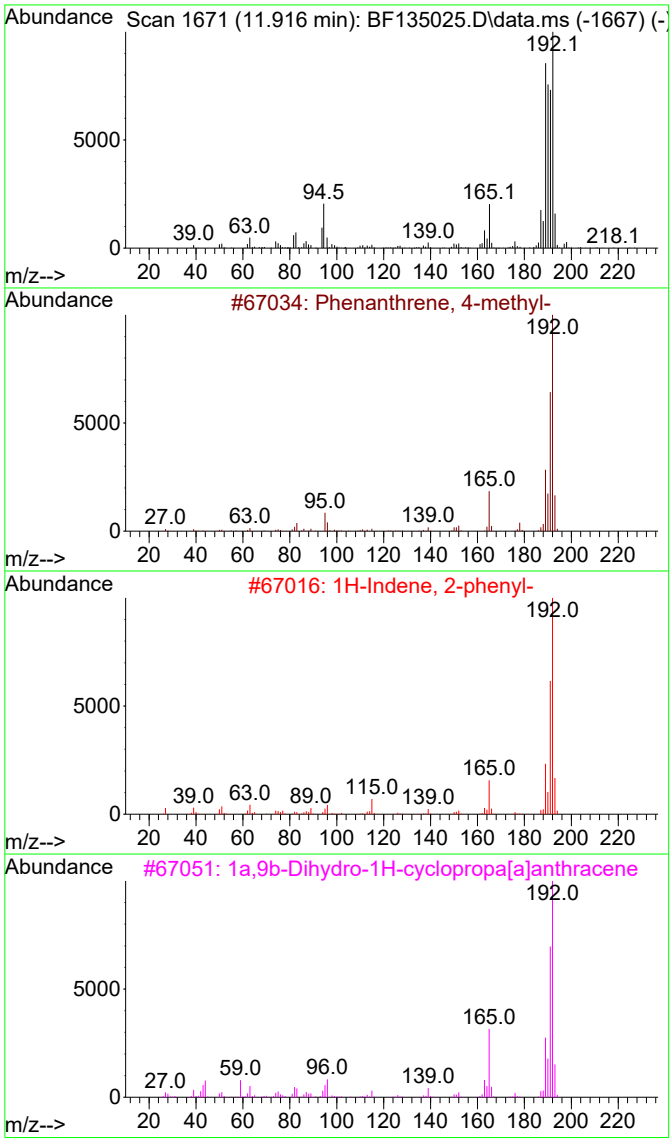
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

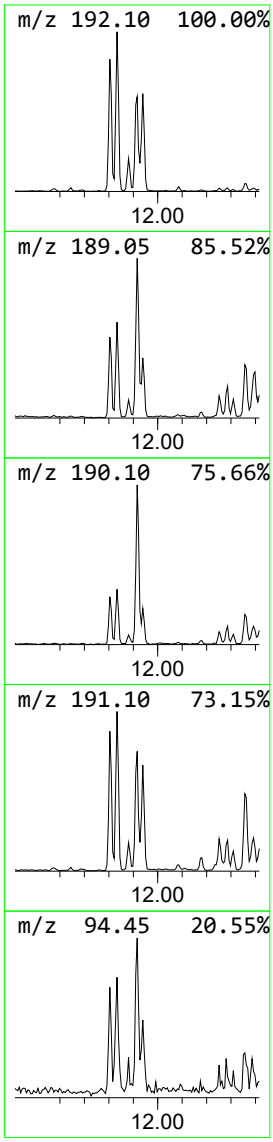
****

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	9.16 ng	438199	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50





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Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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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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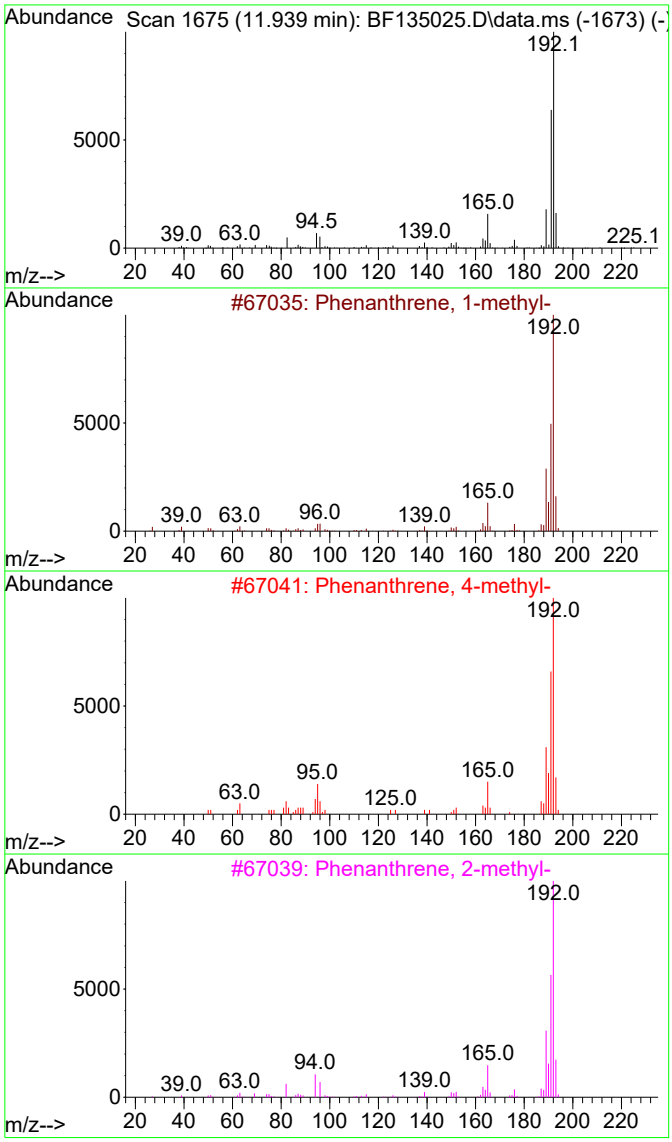
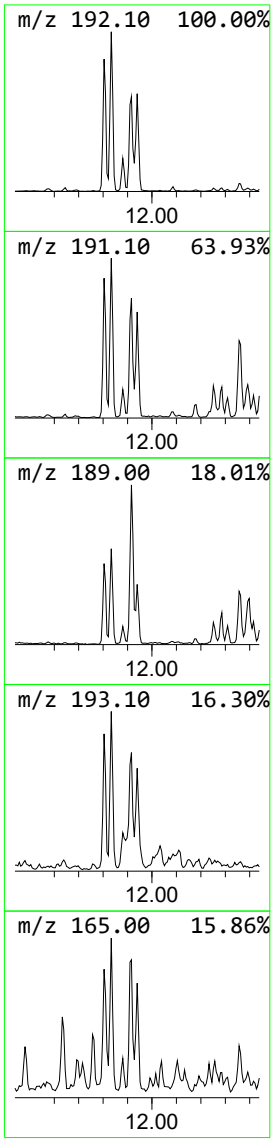
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	5.39 ng	257934	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-309-OK-370-COMP-21

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

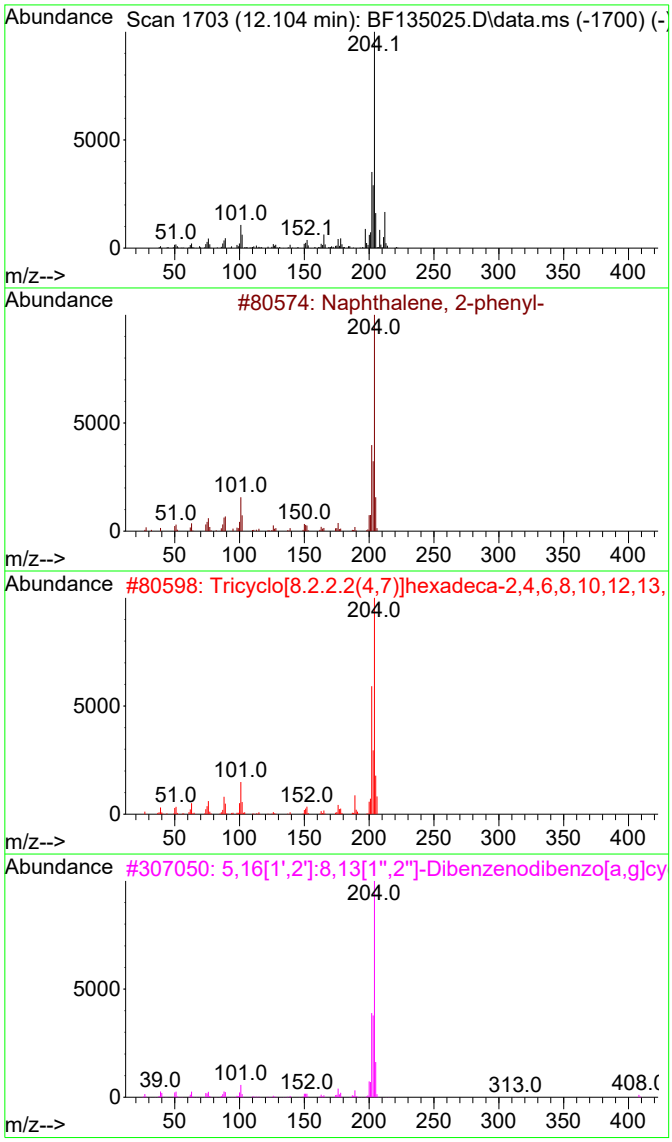
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

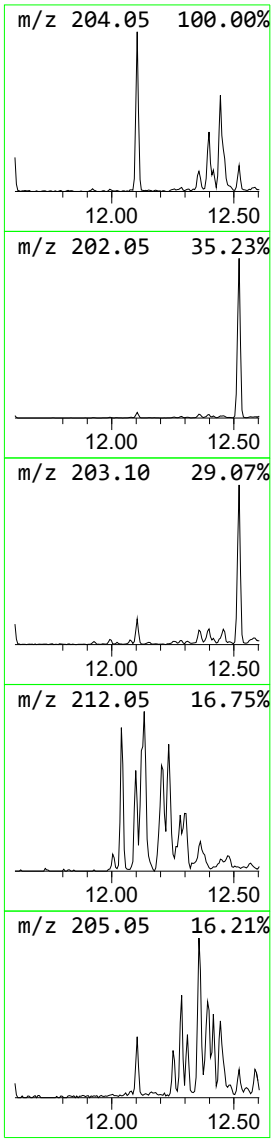
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	3.88 ng	185471	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	60
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	50





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
OR-309-OK-370-COMP-21

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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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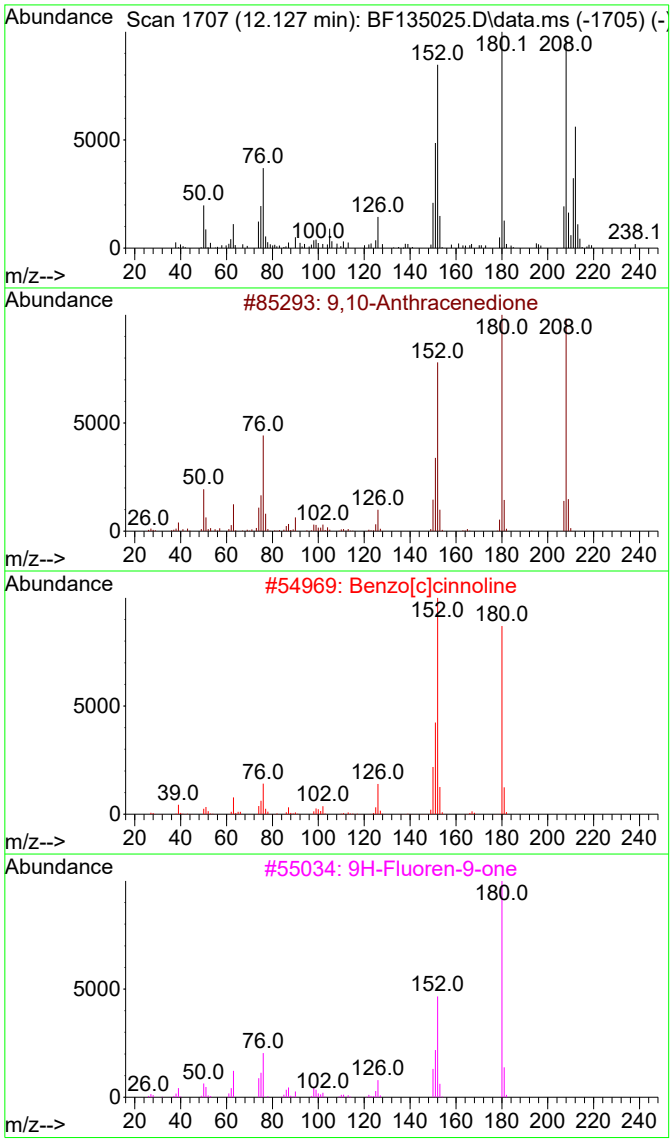
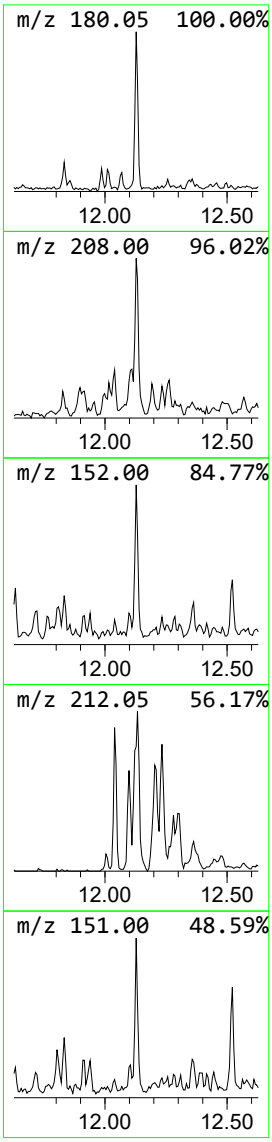
Peak Number 8 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.127	3.75 ng	179252	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	43





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Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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

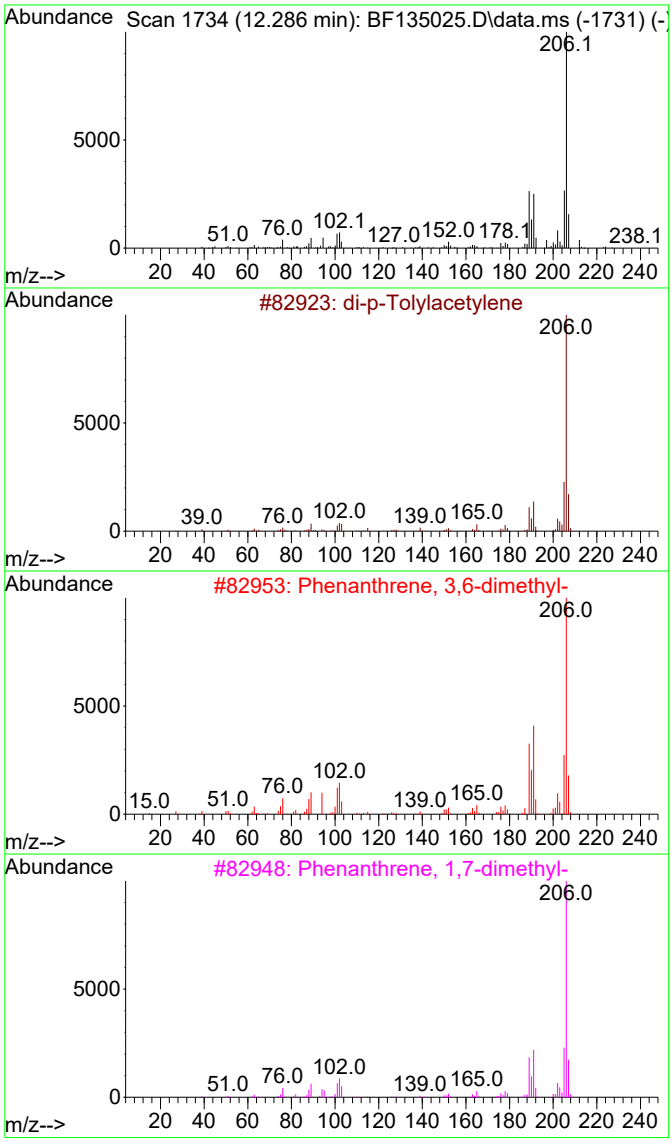
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

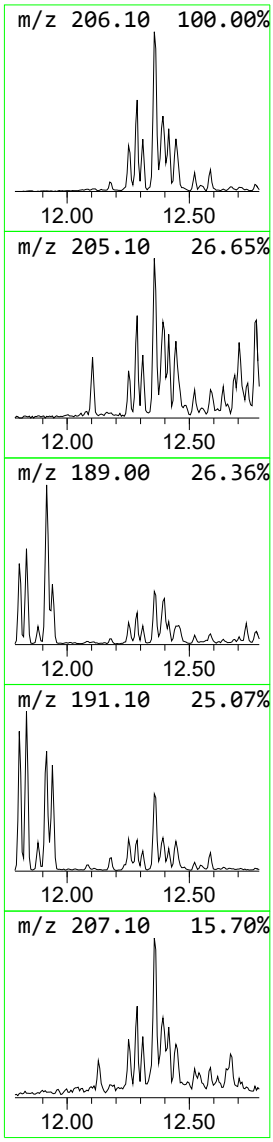
****

Peak Number 9 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.286	3.27 ng	156607	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	72





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Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
OR-309-OK-370-COMP-21

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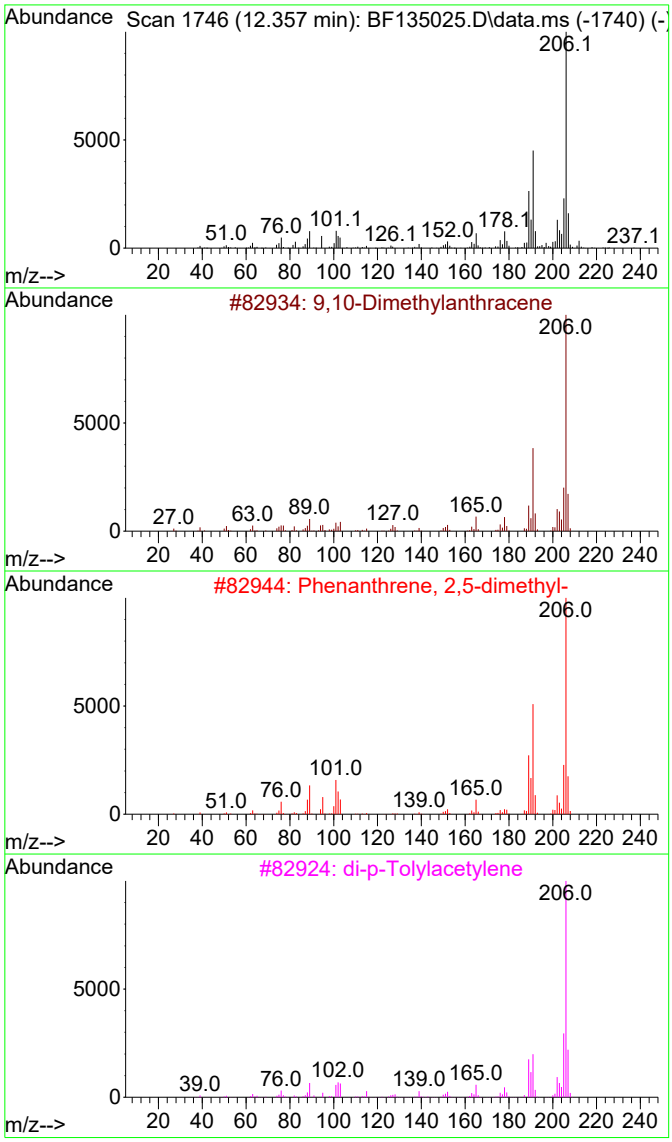
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

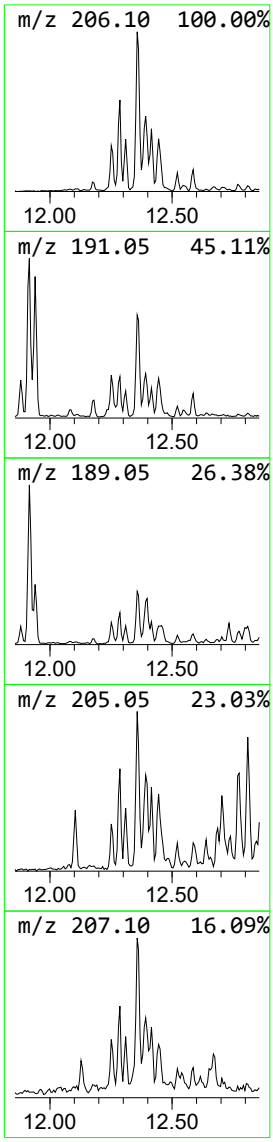
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	8.29 ng	396545	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-309-OK-370-COMP-21

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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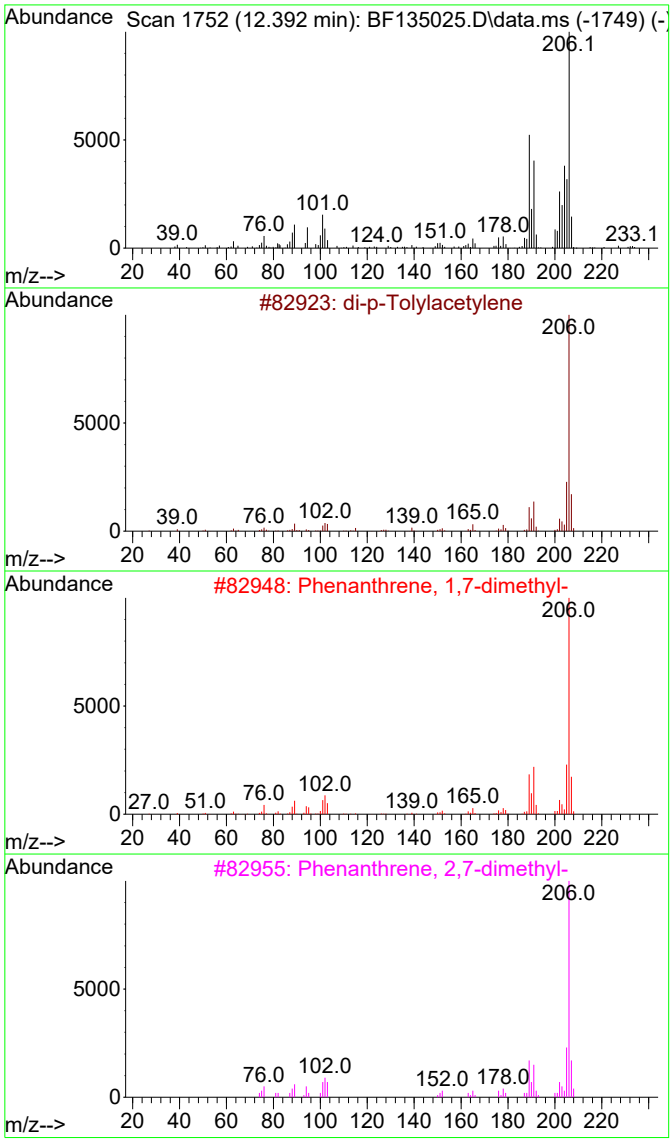
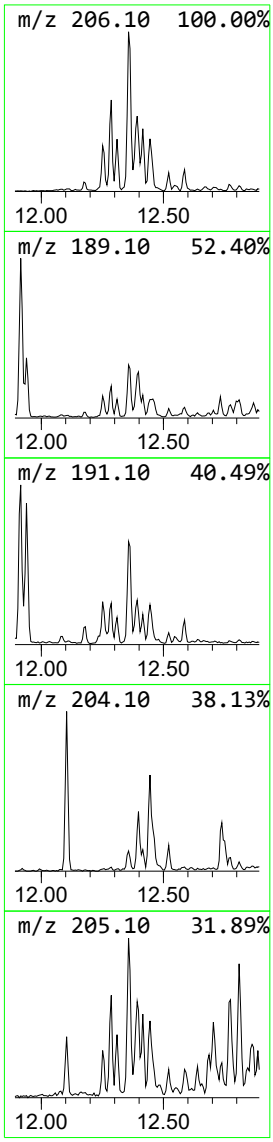
Peak Number 11 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	5.03 ng	240904	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53





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Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

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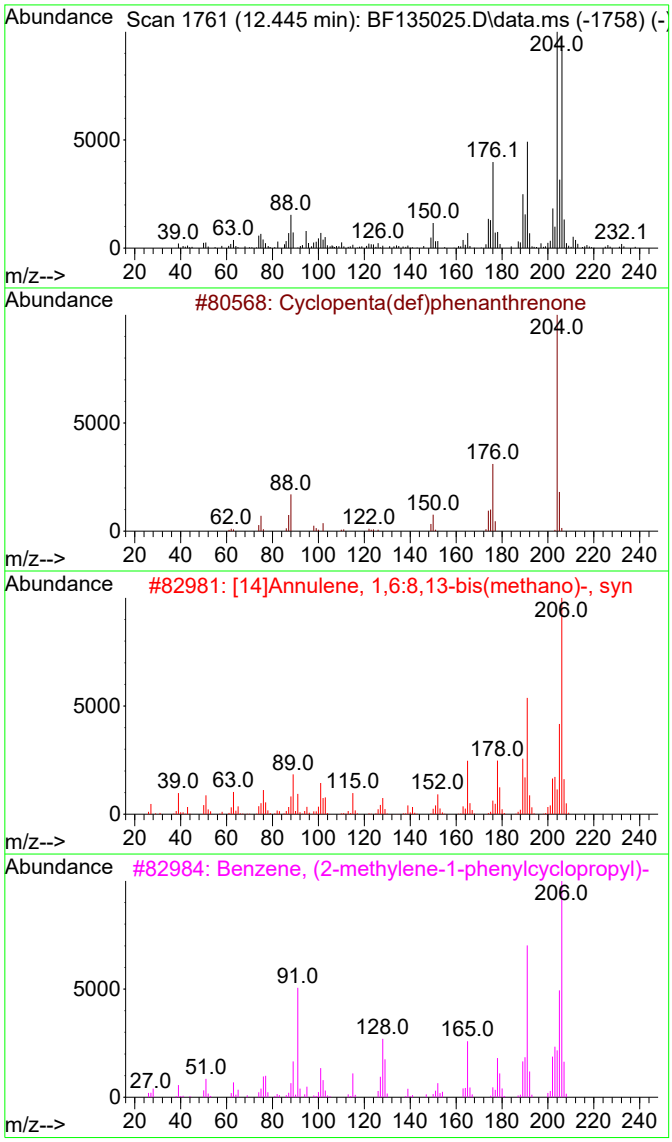
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

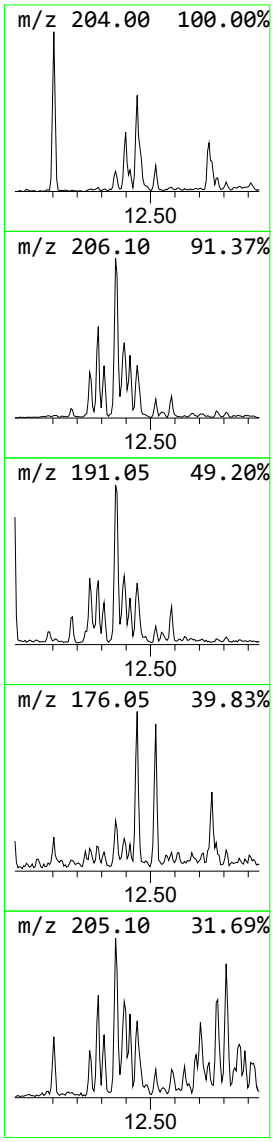
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	4.66 ng	223017	Phenanthrene-d10	11.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	55
3	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	50
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	50





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

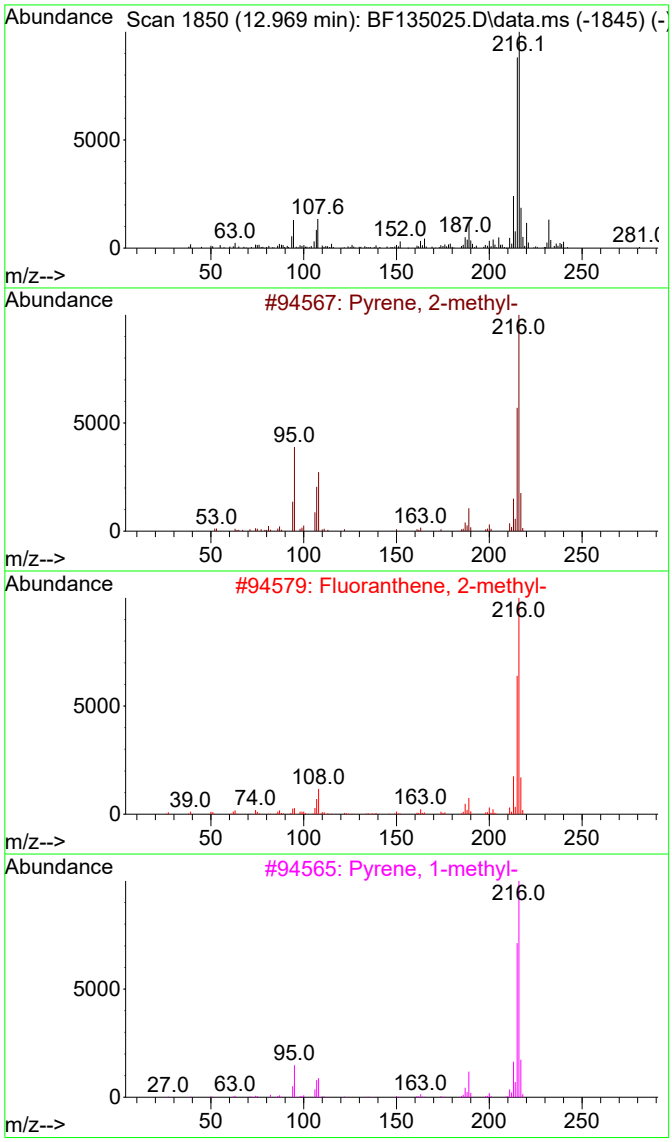
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

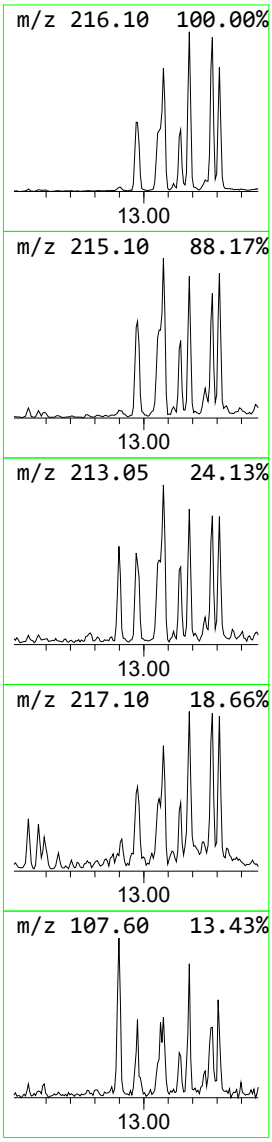
****

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.969	3.74 ng	257510	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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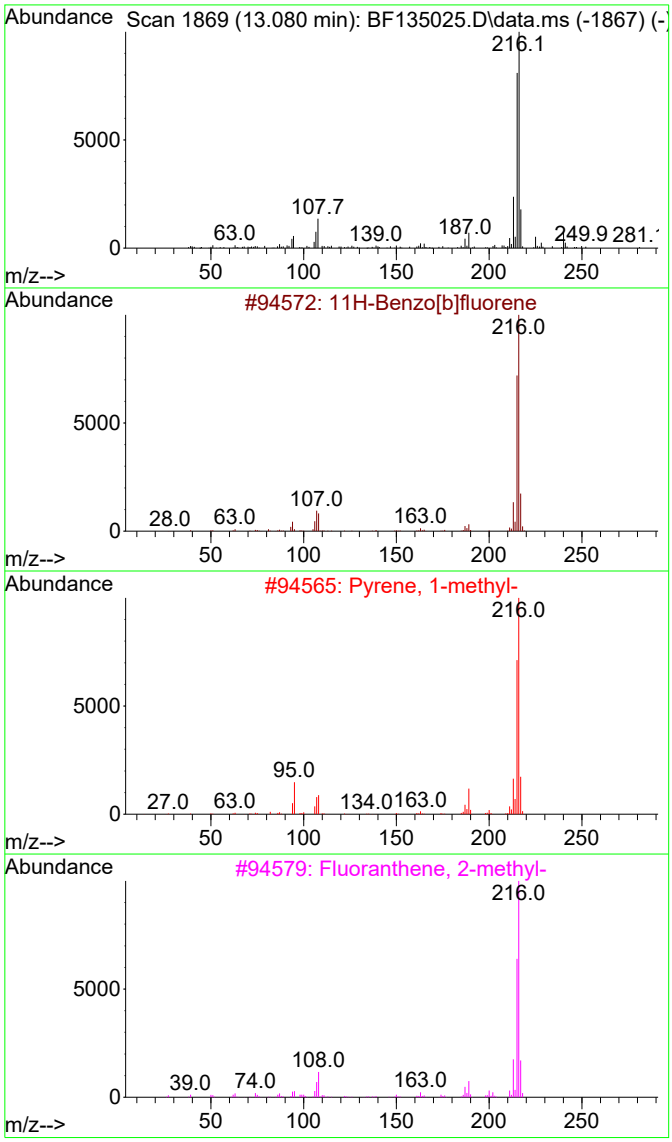
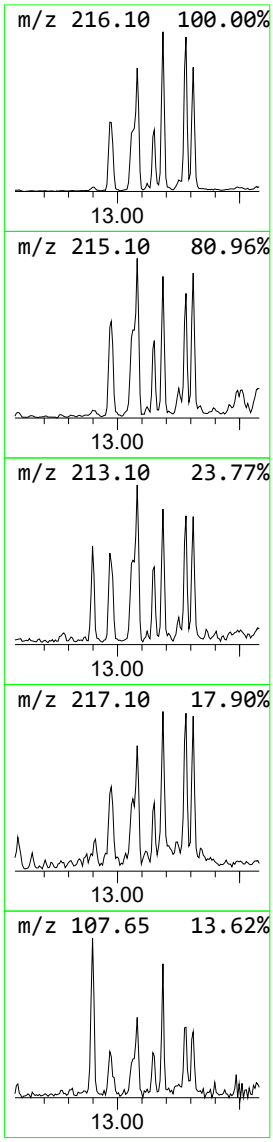
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.96 ng	203953	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	59





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ALS Vial : 13 Sample Multiplier: 1

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TIC Library : C:\Database\NIST20.L
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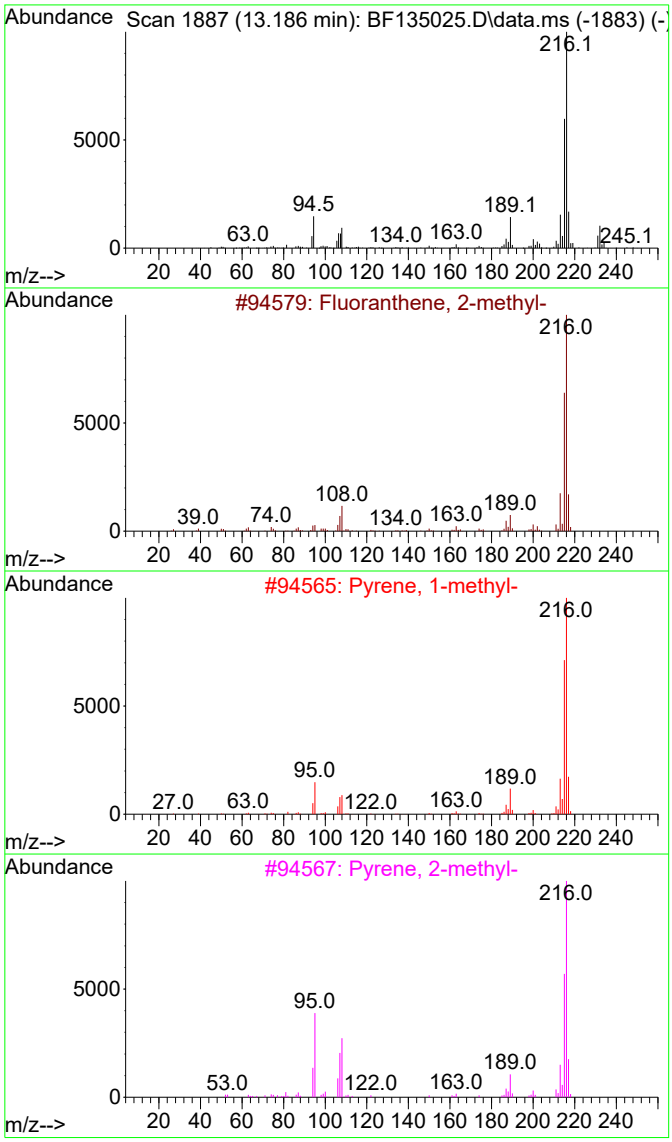
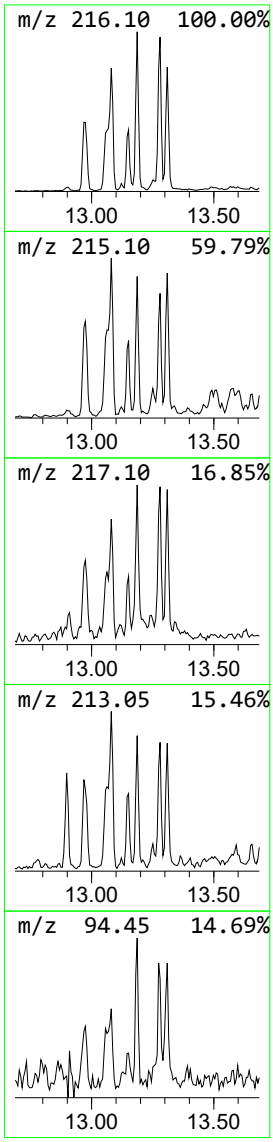
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.186	3.57 ng	245760	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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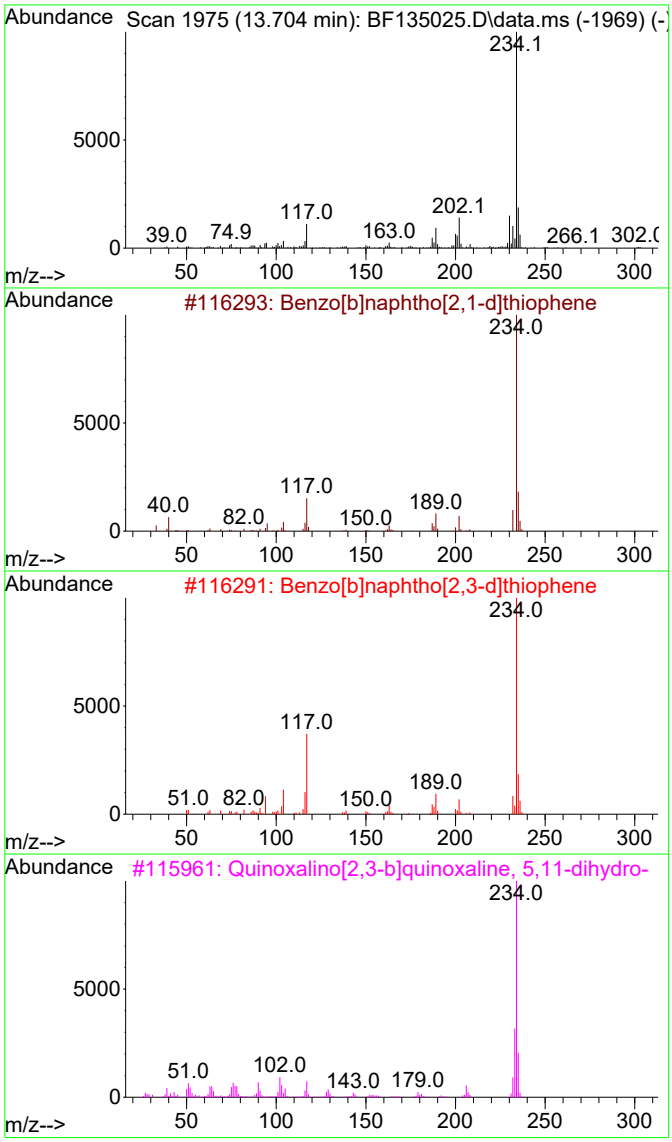
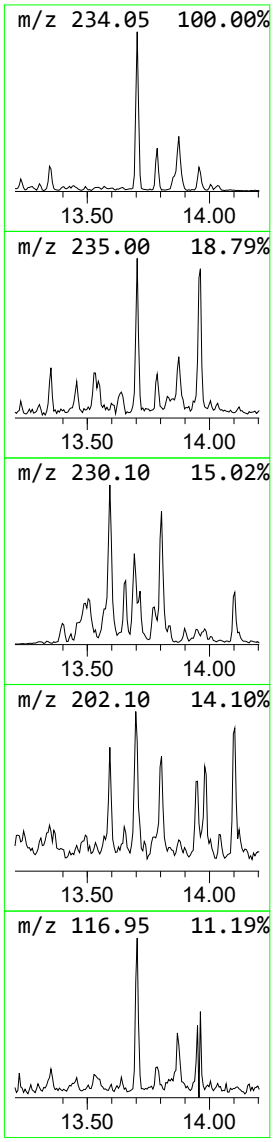
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	4.19 ng	288616	Chrysene-d12	13.957

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	87
3	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	53
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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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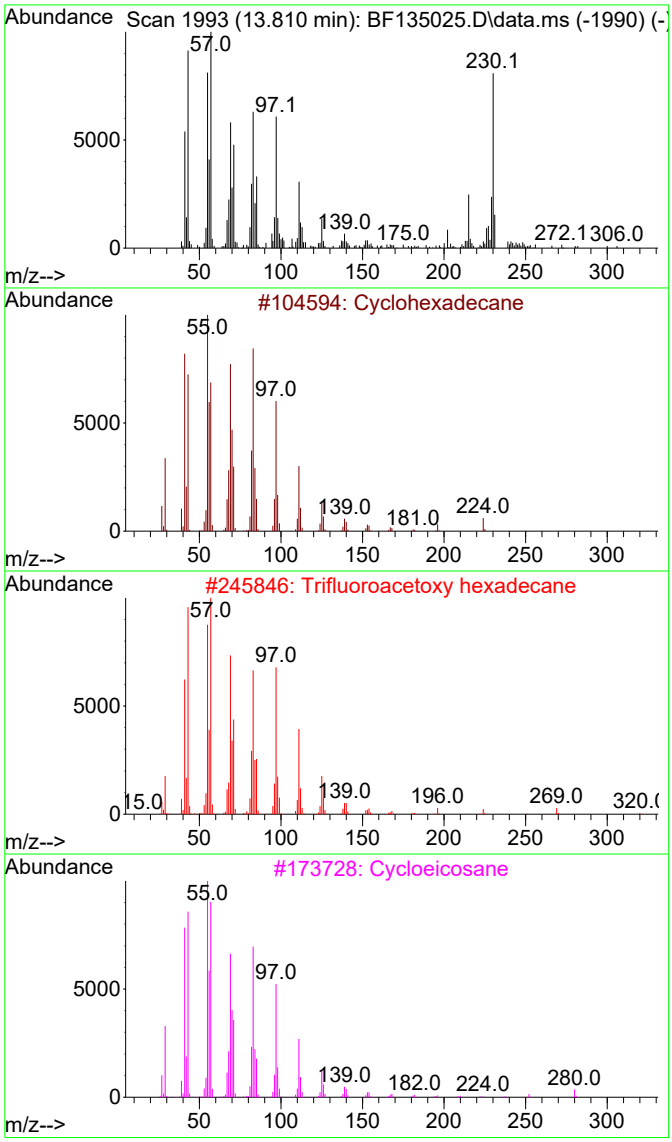
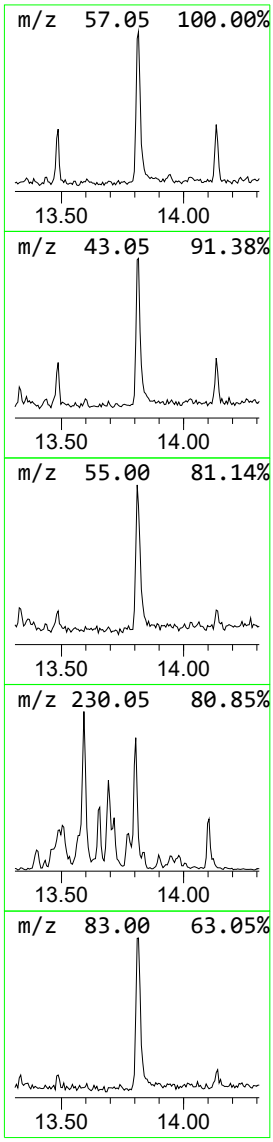
Peak Number 17 Cyclohexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	4.66 ng	321080	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
3	Cycloeicosane	280	C20H40	000296-56-0	70
4	17-Pentatriacontene	491	C35H70	006971-40-0	64
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	64





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Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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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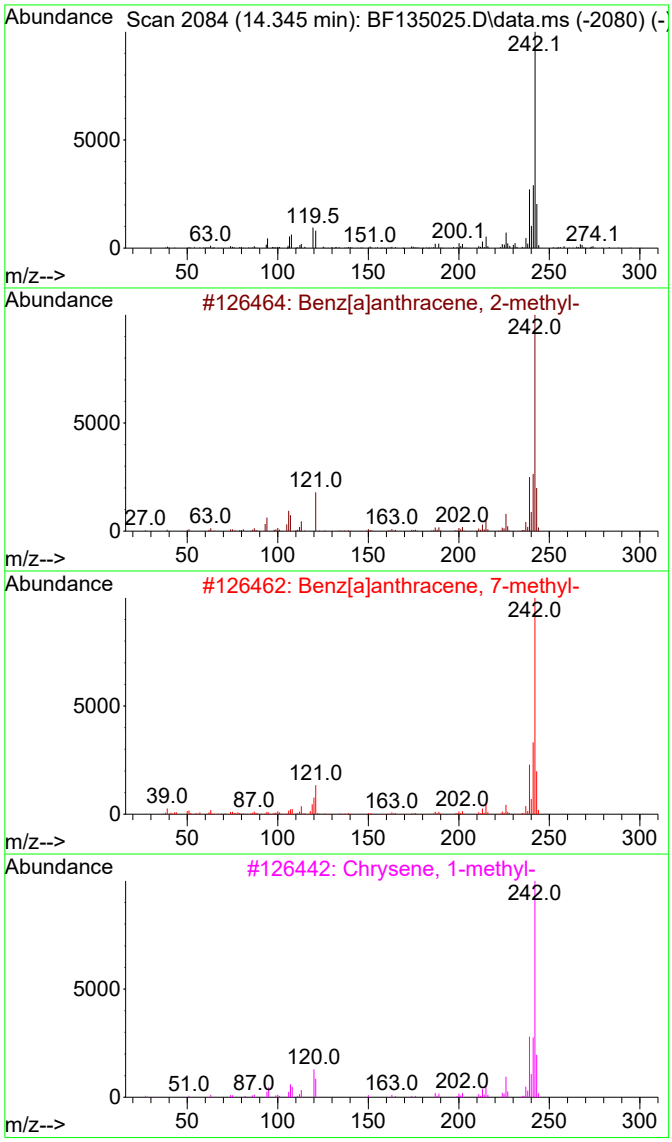
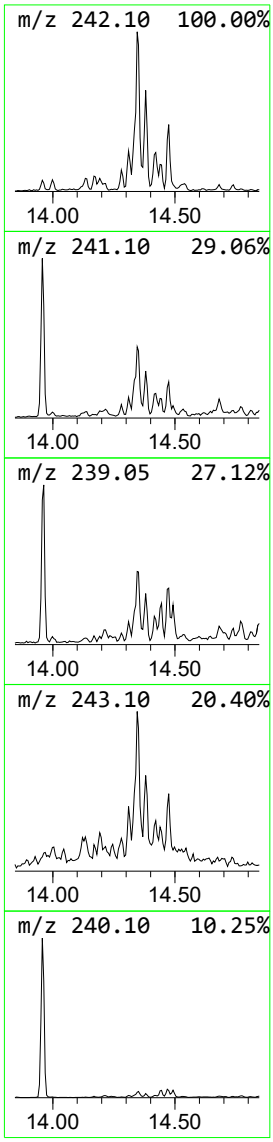
Peak Number 18 Benz[a]anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	3.49 ng	240282	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Chrysene, 5-methyl-	242	C19H14	003697-24-3	90





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Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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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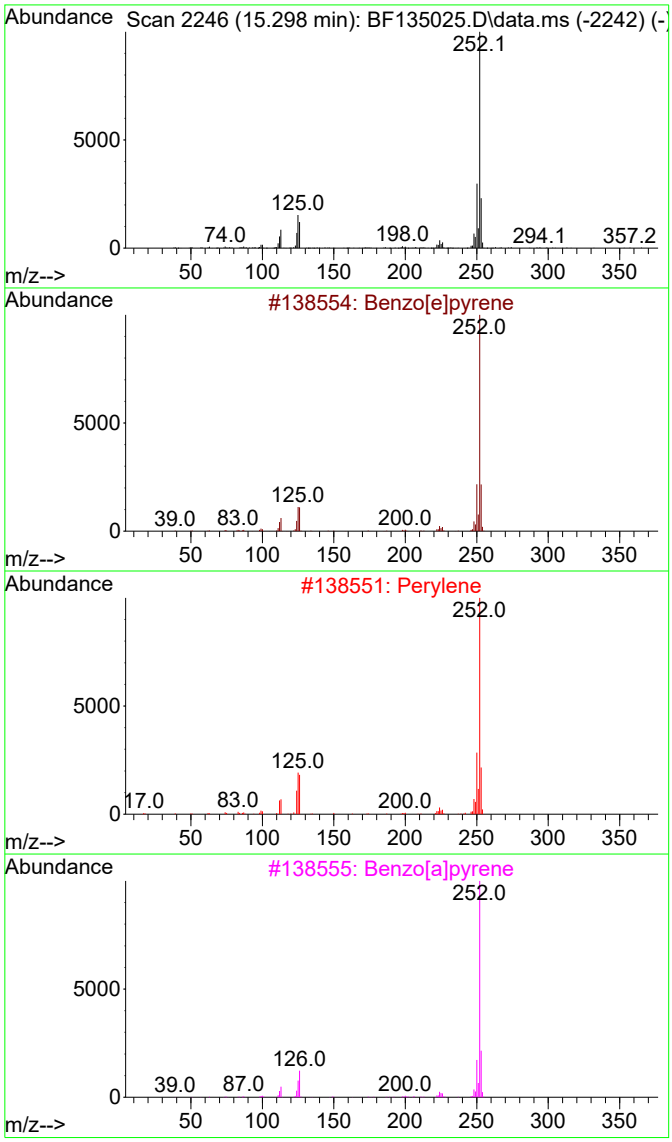
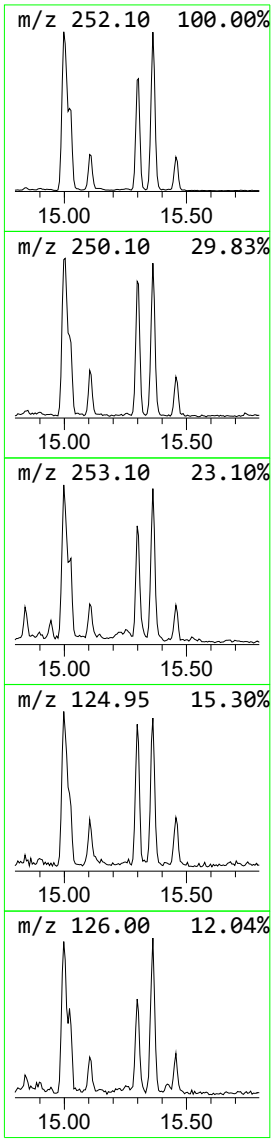
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.298	9.08 ng	300822	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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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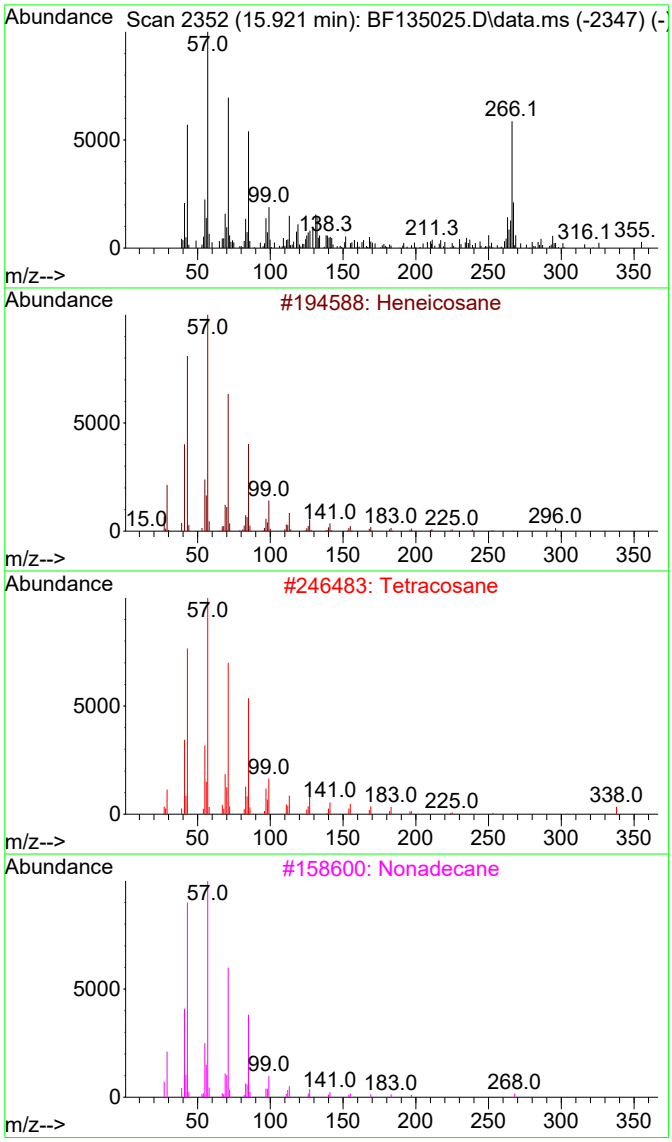
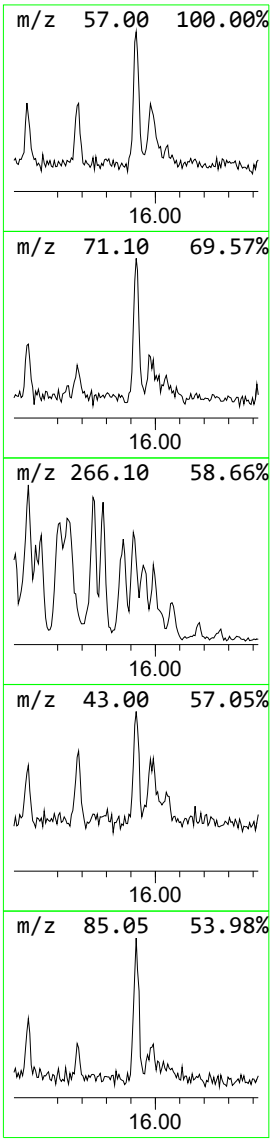
Peak Number 20 unknown15.921 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	3.01 ng	99859	Perylene-d12	15.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	46
2	Tetracosane	338	C24H50	000646-31-1	46
3	Nonadecane	268	C19H40	000629-92-5	46
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	46
5	4-Methylheneicosane	310	C22H46	025117-29-7	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135025.D
Acq On : 31 Aug 2023 02:25
Operator : CG\JU
Sample : 04197-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-309-OK-370-COMP-21

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
Naphthalene, 1,...	9.463	3.3	ng	193430	3	9.810	1180820	20.0
1-Methyldibenzo...	11.633	3.1	ng	147175	4	11.298	956920	20.0
Anthracene, 2-m...	11.804	7.7	ng	365872	4	11.298	956920	20.0
Phenanthrene, 2...	11.833	14.7	ng	703967	4	11.298	956920	20.0
Phenanthrene, 4...	11.916	9.2	ng	438199	4	11.298	956920	20.0
Phenanthrene, 1...	11.939	5.4	ng	257934	4	11.298	956920	20.0
Naphthalene, 2-...	12.104	3.9	ng	185471	4	11.298	956920	20.0
9,10-Anthracene...	12.127	3.8	ng	179252	4	11.298	956920	20.0
di-p-Tolylacety...	12.286	3.3	ng	156607	4	11.298	956920	20.0
9,10-Dimethylan...	12.357	8.3	ng	396545	4	11.298	956920	20.0
Phenanthrene, 1...	12.392	5.0	ng	240904	4	11.298	956920	20.0
Cyclopenta(def)...	12.445	4.7	ng	223017	4	11.298	956920	20.0
Pyrene, 2-methyl-	12.969	3.7	ng	257510	5	13.957	1377810	20.0
11H-Benzo[b]flu...	13.080	3.0	ng	203953	5	13.957	1377810	20.0
Fluoranthene, 2...	13.186	3.6	ng	245760	5	13.957	1377810	20.0
Benzo[b]naphtho...	13.704	4.2	ng	288616	5	13.957	1377810	20.0
Cyclohexadecane	13.810	4.7	ng	321080	5	13.957	1377810	20.0
Benz[a]anthrace...	14.345	3.5	ng	240282	5	13.957	1377810	20.0
Benzo[e]pyrene	15.298	9.1	ng	300822	6	15.427	662709	20.0
unknown15.921	15.921	3.0	ng	99859	6	15.427	662709	20.0