LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135532.D
Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135532.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	556	560	580	rBV	2808758	2879799	76.46%	4.435%
2	6.392	728	732	750	rBV	3021714	2849624	75.66%	4.389%
3	6.740	788	791	799	rBV	1059485	942226	25.02%	1.451%
4	7.304	883	887	899	rBV	1916498	1870239	49.65%	2.880%
5	8.022	1005	1009	1011	rBV	1365206	1224684	32.51%	1.886%
6	8.039	1011	1012	1017	rVB	502309	378235	10.04%	0.583%
7	8.734	1127	1130	1138	rBV	169035	146288	3.88%	0.225%
8	8.834	1142	1147	1153	rVB	128412	118945	3.16%	0.183%
9	9.098	1187	1192	1195	rBV	3014169	2517261	66.83%	3.877%
10	9.216	1207	1212	1216	rVB2	349897	348939	9.26%	0.537%
11	9.369	1233	1238	1241	rBV2	66959	90252	2.40%	0.139%
12	9.433	1246	1249	1252	rBV	93975	96661	2.57%	0.149%
13	9.639	1280	1284	1289	rBV	799270	682245	18.11%	1.051%
14	9.775	1298	1307	1311	rBV	1352680	1223306	32.48%	1.884%
15	9.810	1311	1313	1317	rVB	140607	118474	3.15%	0.182%
16	9.980	1339	1342	1346	rVV	184932	173370	4.60%	0.267%
17	10.328	1398	1401	1408	rVB	377911	352882	9.37%	0.543%
18	10.486	1424	1428	1431	rBV	99795	96636	2.57%	0.149%
19	10.569	1436	1442	1448	rBV	1599869	1531565	40.66%	2.359%
20	10.698	1459	1464	1470	rVB5	80395	128964	3.42%	0.199%
21	10.880	1490	1495	1497	rBV2	112420	137357	3.65%	0.212%
22	11.027	1518	1520	1526	rVV2	83684	104041	2.76%	0.160%
23	11.080	1526	1529	1532	rVV	152243	137237	3.64%	0.211%
24	11.116	1532	1535	1537	rVV	69920	84813	2.25%	0.131%
25	11.163	1540	1543	1551	rVB	216282	218641	5.80%	0.337%
26	11.269	1557	1561	1563	rBV	1178801	1041559	27.65%	1.604%
27	11.292	1563	1565	1569	rVV	2222903	1956522	51.94%	3.013%
28	11.345	1571	1574	1577	rVV	1016307	852874	22.64%	1.313%
29	11.386	1577	1581	1583	rVV3	82846	108502	2.88%	0.167%
30	11.510	1599	1602	1606	rVV2	134160	164922	4.38%	0.254%
31	11.563	1609	1611	1614	rVV	146111	132860	3.53%	0.205%
32	11.604	1615	1618	1623	rVB3	108272	132348	3.51%	0.204%
33	11.686	1626	1632	1637	rVB3	84435	127703	3.39%	0.197%
34	11.774	1644	1647	1649	rVV	415681	376265	9.99%	0.579%
35	11.804	1649	1652	1657	rVV	859760	822522	21.84%	1.267%
36	11.851	1657	1660	1663	rVV	240230	235604	6.26%	0.363%

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-1(0-2IN)

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-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.886	1663	1666	1668	rVV	878645	830778	22.06%	1.279%
38	11.910	1668	1670	1676	rVB	286454	241338	6.41%	0.372%
39	12.069	1694	1697	1701	rVV	306862	294289	7.81%	0.453%
40	12.104	1701	1703	1709	rVB2	142376	140084	3.72%	0.216%
41	12.251	1726	1728	1730	rBV	110718	84329	2.24%	0.130%
42	12.280	1730	1733	1735	rVB2	83709	83765	2.22%	0.129%
43	12.327	1737	1741	1744	rBV	300662	313124	8.31%	0.482%
44	12.363	1744	1747	1750	rVV2	205230	243121	6.45%	0.374%
45	12.422	1753	1757	1760	rBV3	291296	320647	8.51%	0.494%
46	12.492	1765	1769	1773	rVV	3229098	3302662	87.68%	5.086%
47	12.539	1773	1777	1778	rVV	104490	118681	3.15%	0.183%
48	12.557	1778	1780	1782	rVV2	97410	92978	2.47%	0.143%
49	12.586	1782	1785	1789	rVV	616586	600361	15.94%	0.925%
50	12.639	1792	1794	1797	rVV2	221417	256469	6.81%	0.395%
51	12.663	1797	1798	1802	rVV	132887	122256	3.25%	0.188%
52	12.727	1802	1809	1814	rVV2	2914627	3615025	95.98%	5.567%
53	12.774	1814	1817	1821	rVB2	164427	209401	5.56%	0.322%
54	12.863	1829	1832	1835	rVB	1544531	1258703	33.42%	1.938%
55	12.939	1840	1845	1850	rBV2	332749	549029	14.58%	0.846%
56	13.027	1857	1860	1862	rBV3	308410	406618	10.80%	0.626%
57	13.051	1862	1864	1867	rVB	811030	712361	18.91%	1.097%
58	13.098	1867	1872	1873	rBV2	91242	100158	2.66%	0.154%
59	13.121	1873	1876	1878	rVB	610446	533107	14.15%	0.821%
60	13.157	1878	1882	1886	rBV2	502511	481029	12.77%	0.741%
61	13.245	1895	1897	1900	rVB	291766	268054	7.12%	0.413%
62	13.280	1900	1903	1907	rBV	307885	294346	7.81%	0.453%
63	13.457	1931	1933	1935	rVV2	108999	108824	2.89%	0.168%
64	13.539	1943	1947	1950	rBV2	132156	188514	5.00%	0.290%
65	13.568	1950	1952	1956	rVB	227090	203945	5.41%	0.314%
66	13.674	1965	1970	1972	rBV2	391595	453873	12.05%	0.699%
67	13.698	1972	1974	1977	rVV	320769	316771	8.41%	0.488%
68	13.727	1977	1979	1981	rVV	334924	273663	7.27%	0.421%
69	13.780	1985	1988	1991	rBV	258023	236551	6.28%	0.364%
70	13.845	1997	1999	2006	rVB	122886	152893	4.06%	0.235%
71	13.921	2006	2012	2016	rBV2	2415806	3601318	95.61%	5.546%
72	13.957	2016	2018	2025	rVB	2035347	1781819	47.31%	2.744%
73	14.080	2036	2039	2045	rVV3	285699	357338	9.49%	0.550%
74	14.145	2048	2050	2052	rVV	111990	98732	2.62%	0.152%
75	14.280	2071	2073	2075	rBV	165537	157810	4.19%	0.243%
76	14.321	2075	2080	2083	rVV	562436	756758	20.09%	1.165%

LSC Area Percent Report

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Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W-1(0-2IN)

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.351	2083	2085	2088	rVV	293285	294085	7.81%	0.453%
78	14.398	2089	2093	2094	rVV3	198970	245750	6.52%	0.378%
79	14.415	2094	2096	2099	rVV	339540	373712	9.92%	0.576%
80	14.445	2099	2101	2103	rVV	396510	393950	10.46%	0.607%
81	14.463	2103	2104	2108	rVV	388833	339578	9.02%	0.523%
82	14.515	2110	2113	2116	rVV3	194878	207955	5.52%	0.320%
83	14.568	2119	2122	2126	rVB	81085	90090	2.39%	0.139%
84	14.633	2131	2133	2135	rBV	86695	99284	2.64%	0.153%
85	14.815	2160	2164	2167	rBV2	215357	225031	5.97%	0.347%
86	14.974	2186	2191	2199	rBV	1768888	3766548	100.00%	5.801%
87	15.080	2205	2209	2214	rVB	622675	649299	17.24%	1.000%
88	15.163	2220	2223	2225	rBV2	96376	128108	3.40%	0.197%
89	15.274	2237	2242	2248	rVB	1205388	1571373	41.72%	2.420%
90	15.339	2248	2253	2258	rBV	1764484	2326334	61.76%	3.583%
91	15.398	2259	2263	2266	rVV	642024	836408	22.21%	1.288%
92	15.427	2266	2268	2275	rVB2	513746	698156	18.54%	1.075%
93	15.574	2288	2293	2295	rBV2	149307	241982	6.42%	0.373%
94	15.957	2354	2358	2363	rVB	188962	258087	6.85%	0.397%
95	16.880	2508	2515	2522	rBV	713642	1444139	38.34%	2.224%
96	16.951	2524	2527	2535	rVB	94441	165719	4.40%	0.255%
97	17.051	2539	2544	2549	rBV	159433	325479	8.64%	0.501%
98	17.109	2550	2554	2560	rVB2	92049	176967	4.70%	0.273%
99	17.327	2585	2591	2608	rVB	508819	1112822	29.54%	1.714%
100	17.574	2627	2633	2644	rVB	170379	395807	10.51%	0.610%

Sum of corrected areas: 64932550

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Instrument :
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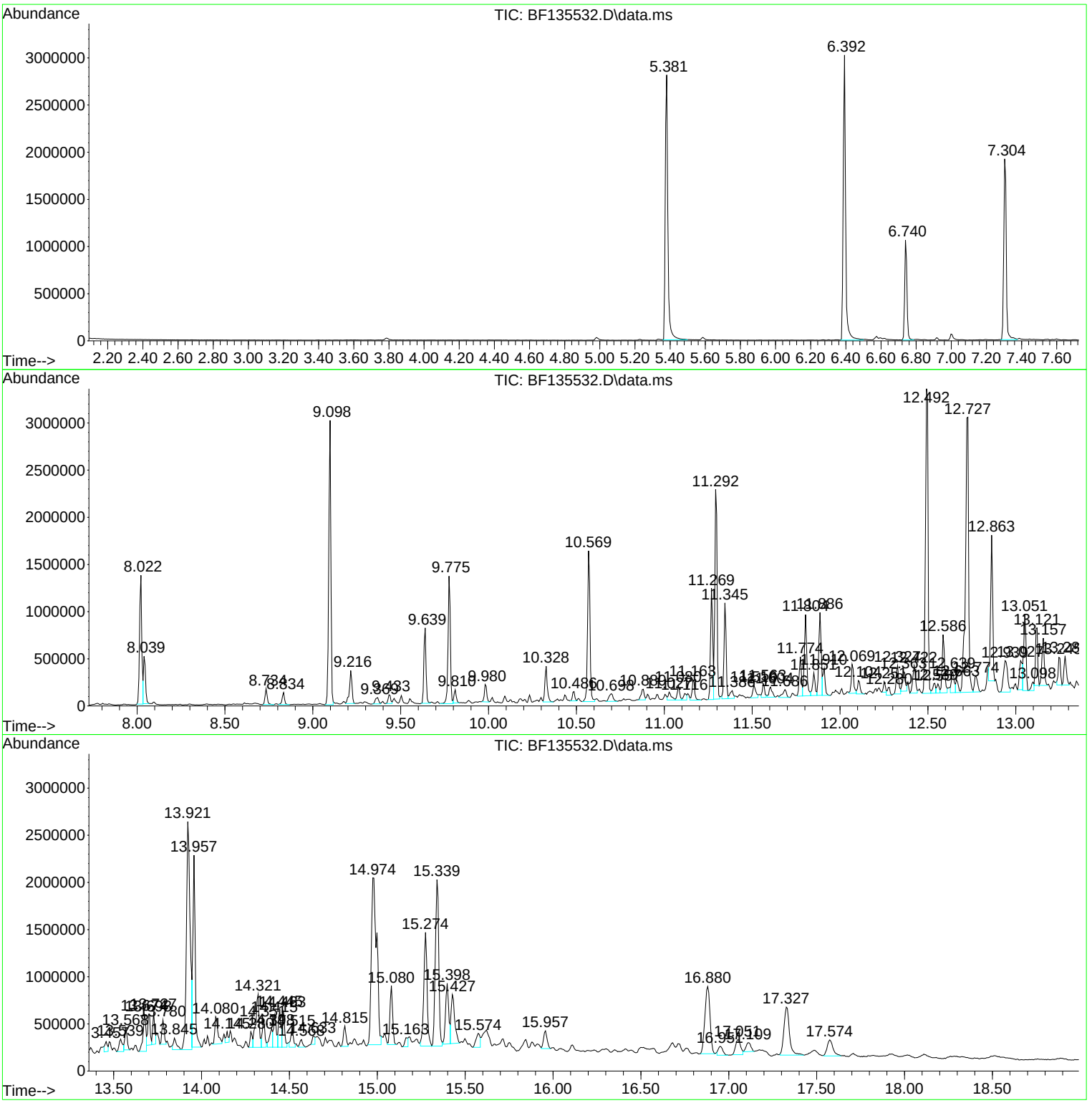
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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\BF100223\
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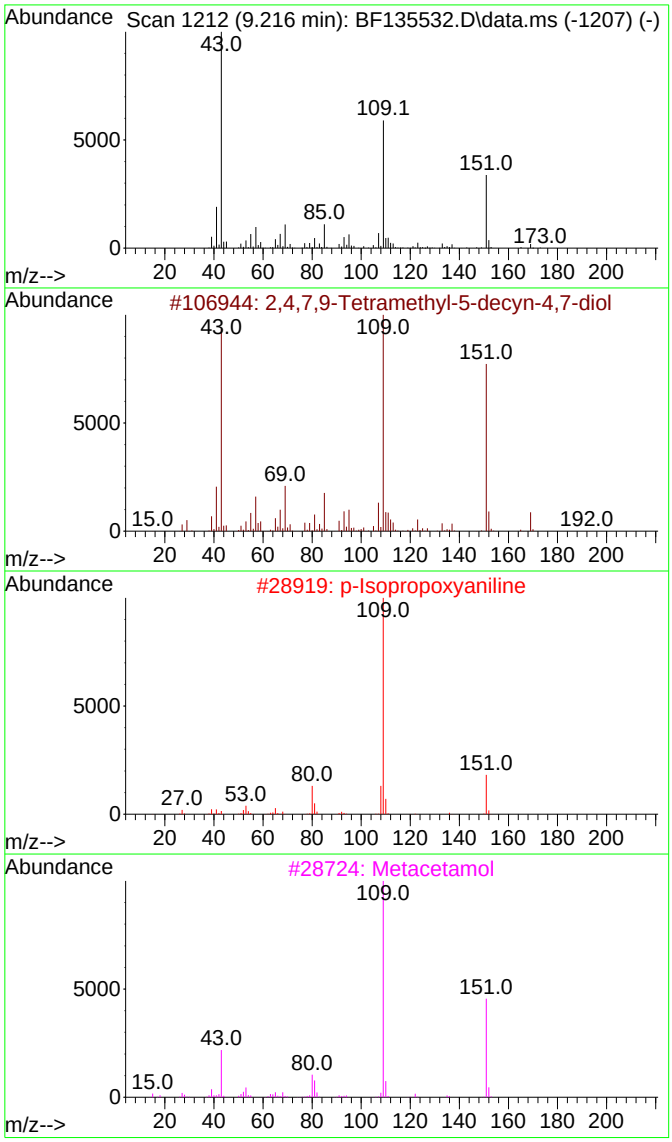
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

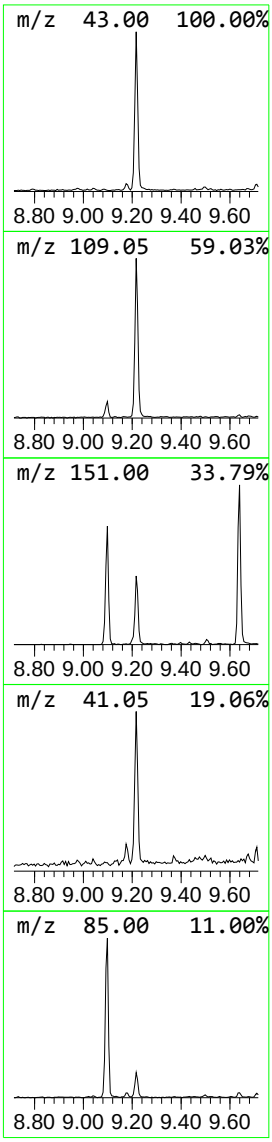
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	5.70 ng	348939	Acenaphthene-d10	9.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	47
3	Metacetamol	151	C8H9NO2	000621-42-1	47
4	Acetaminophen	151	C8H9NO2	000103-90-2	47
5	benzenamine, 3-[(tetrahydro-2H-p...	193	C11H15NO2	1010400-28-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

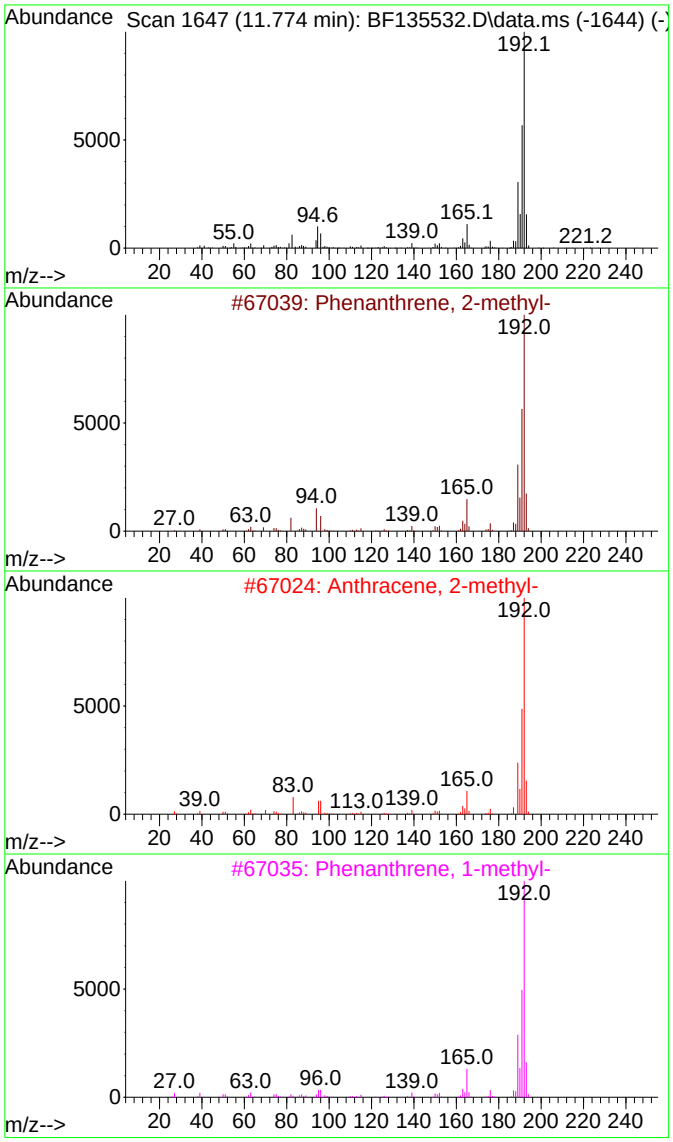
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

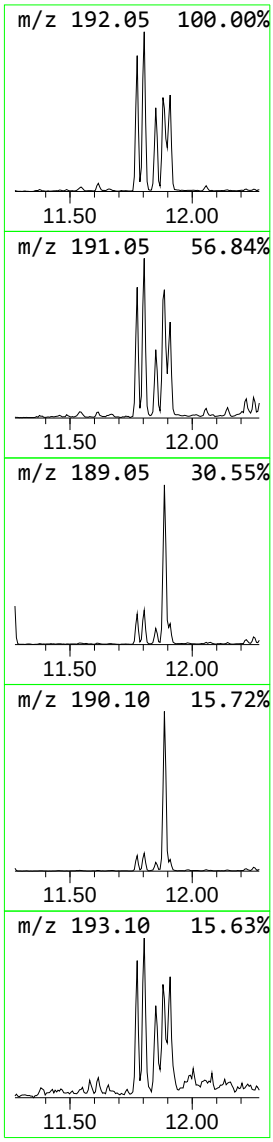
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	7.23 ng	376265	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
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, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

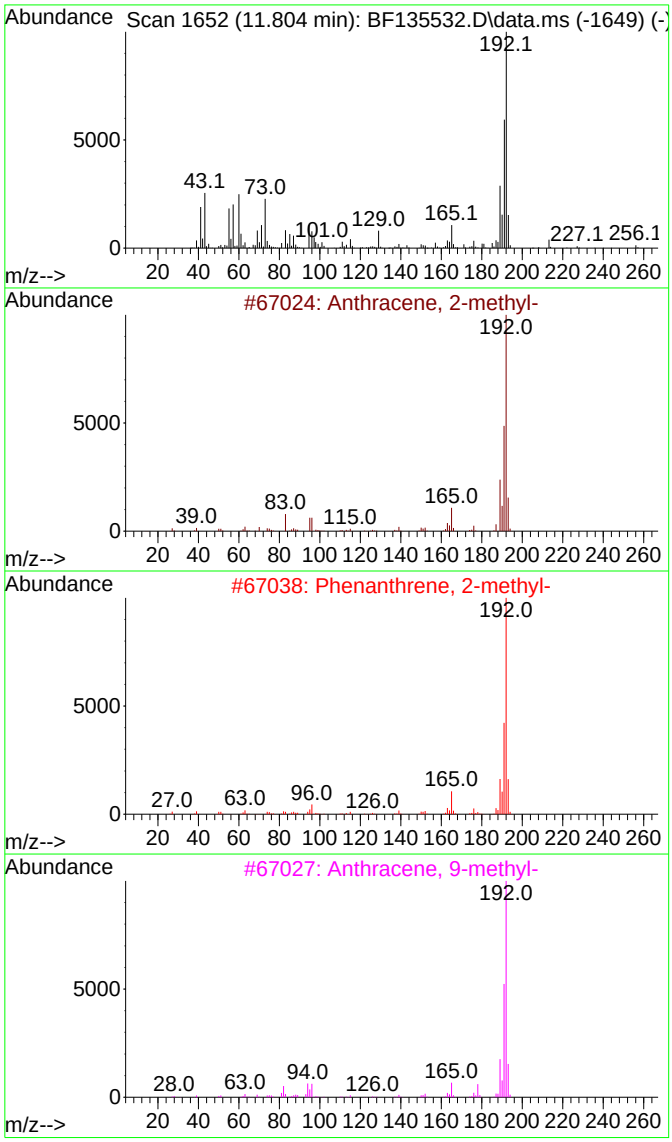
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

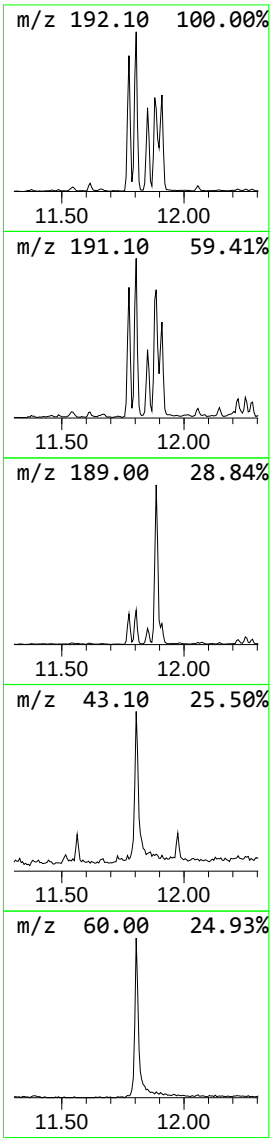
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	15.79 ng	822522	Phenanthrene-d10	11.269

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	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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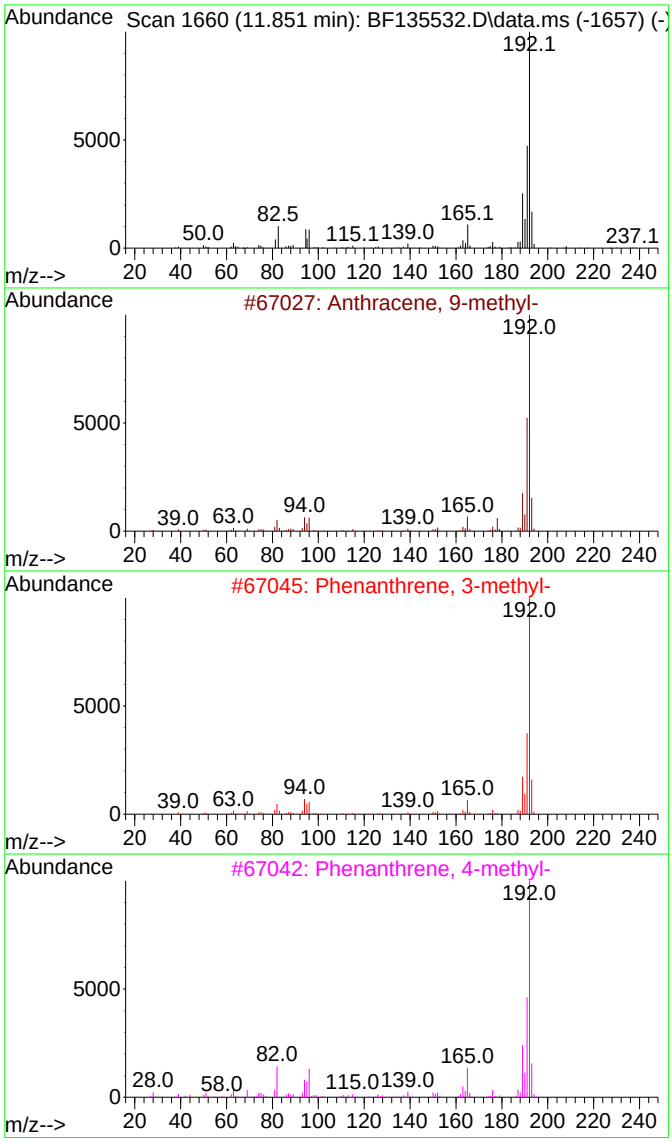
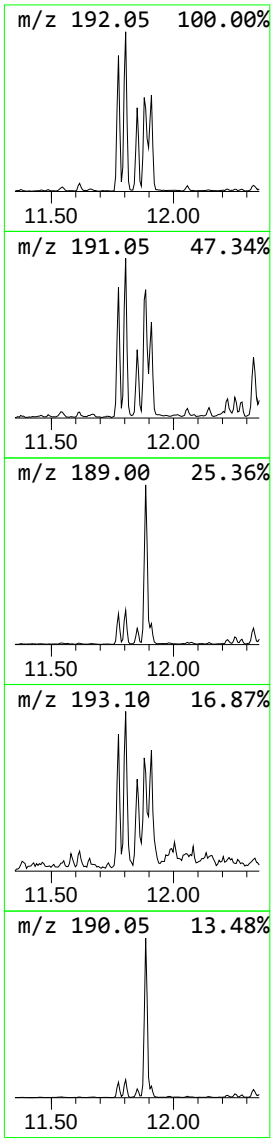
Peak Number 4 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	4.52 ng	235604	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135532.D
Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

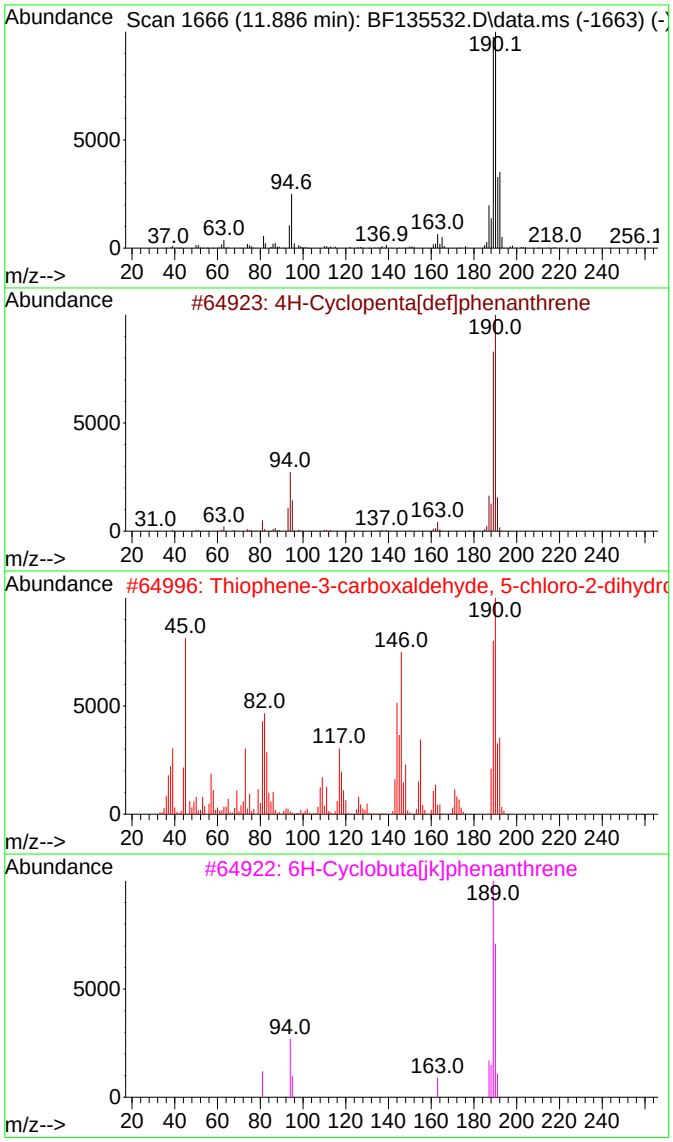
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

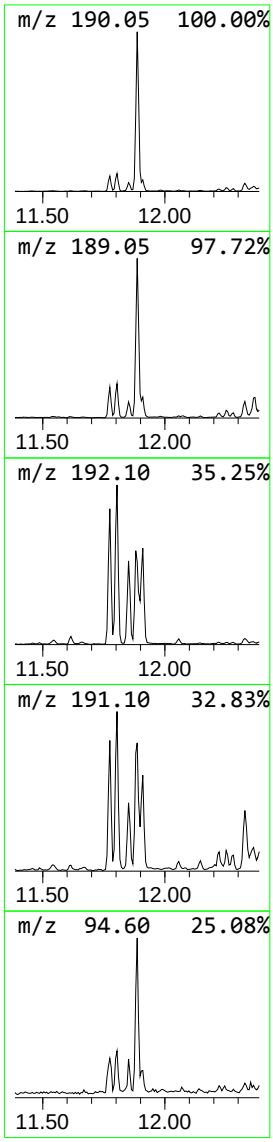
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	15.95 ng	830778	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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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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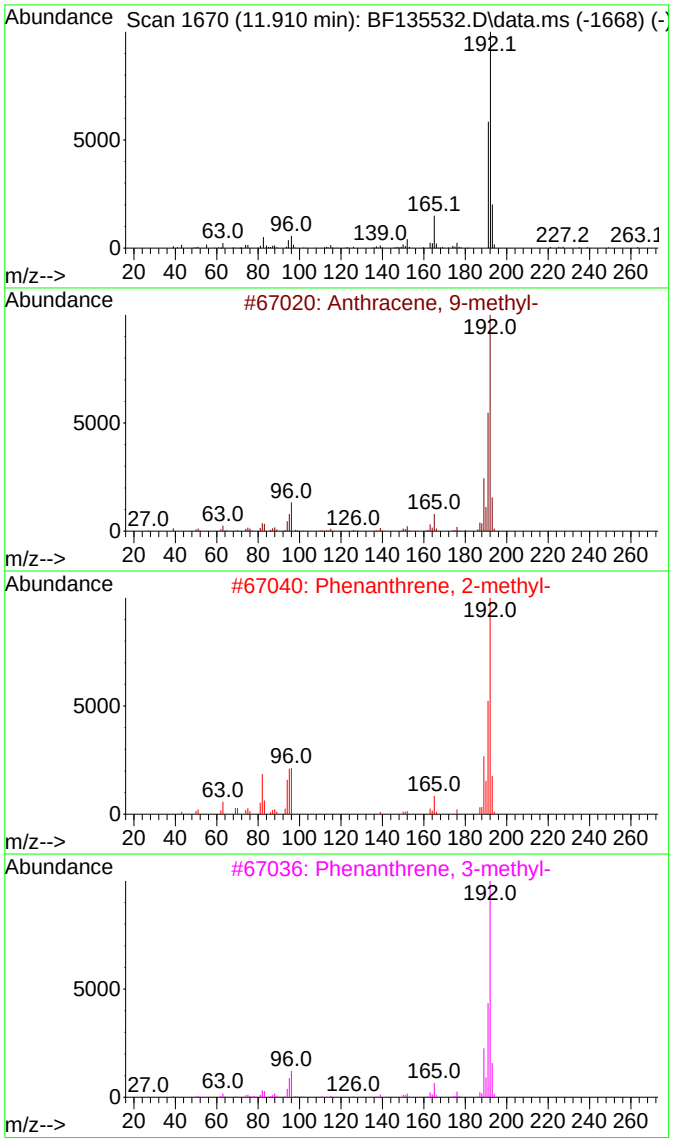
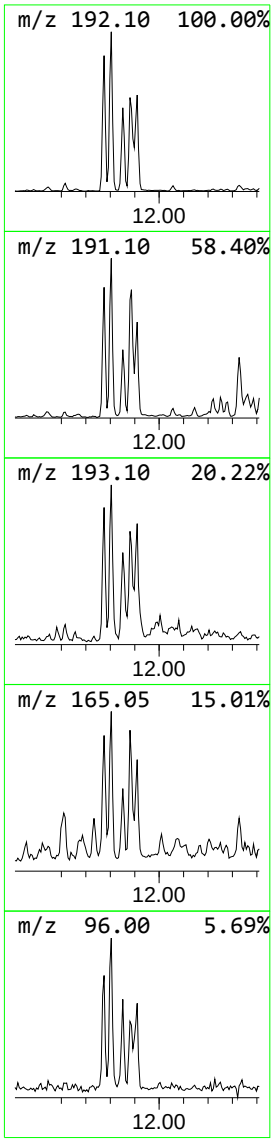
Peak Number 6 Phenanthrene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	4.63 ng	241338	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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

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

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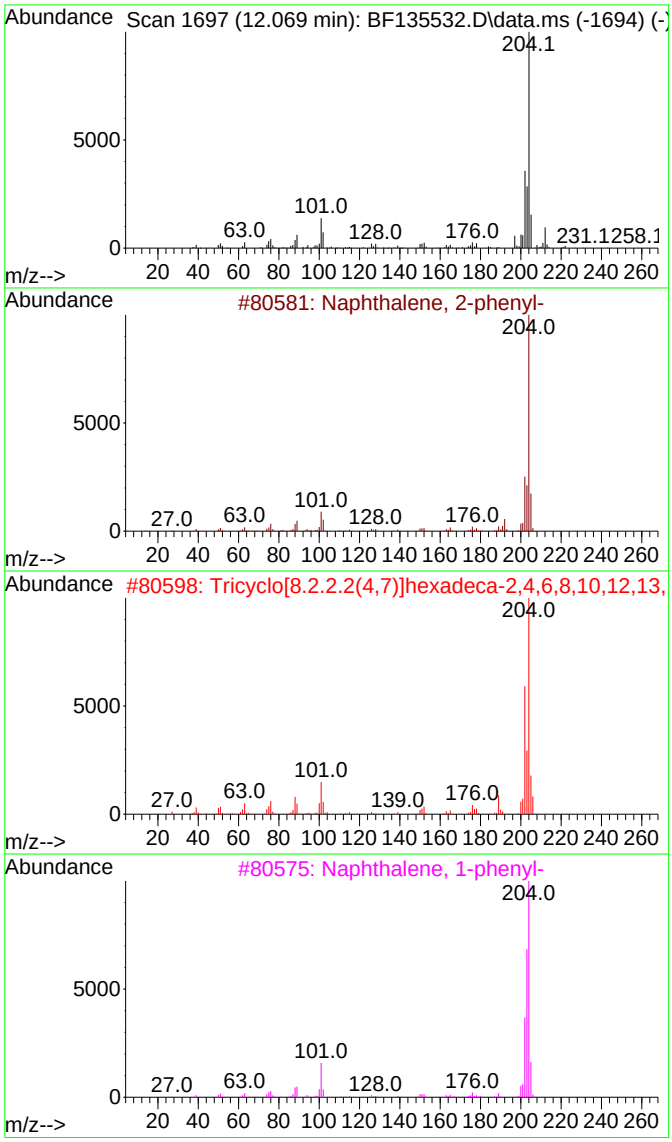
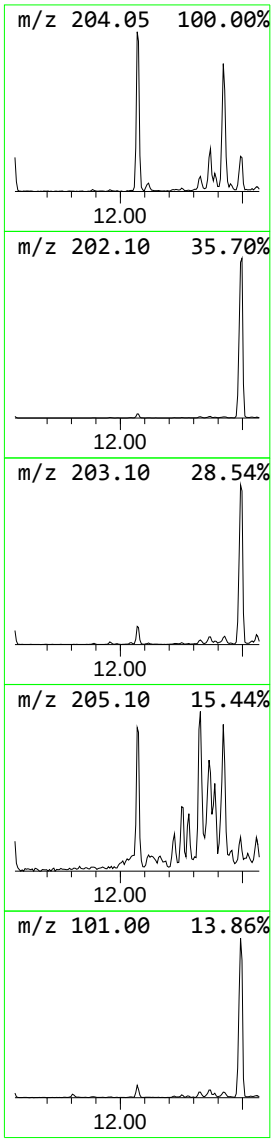
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.069	5.65 ng	294289	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	50
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





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

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

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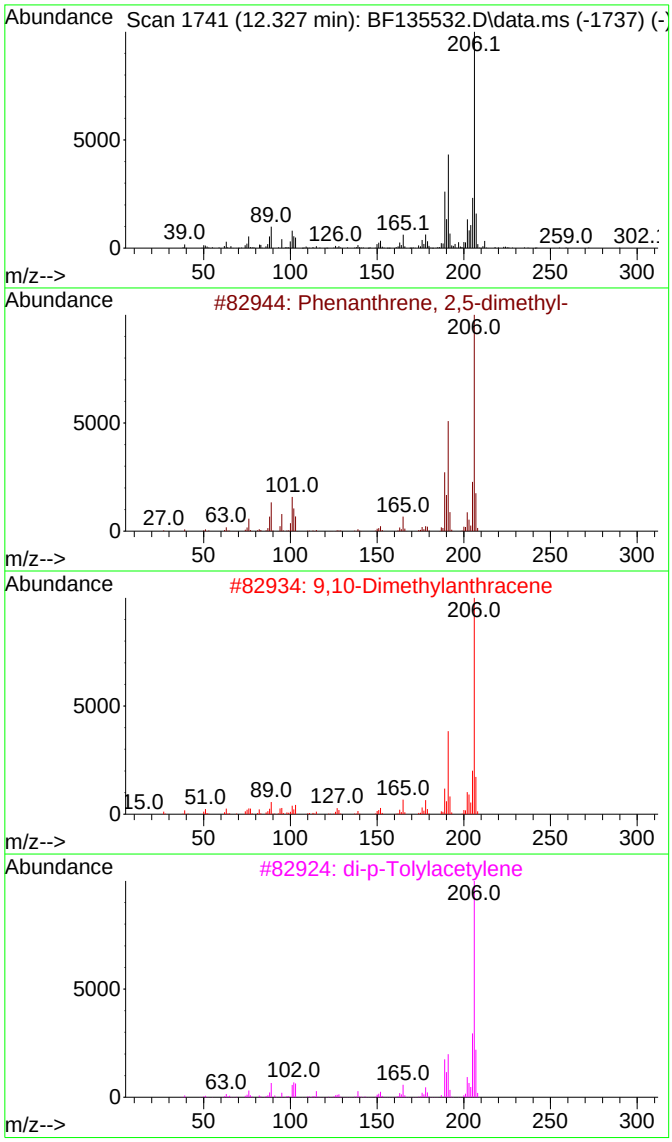
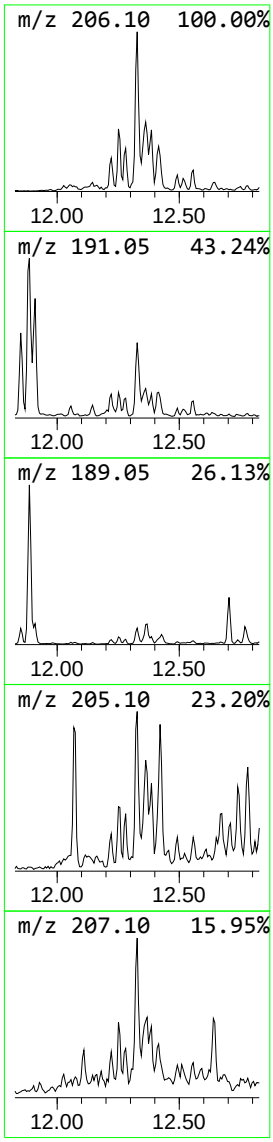
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	6.01 ng	313124	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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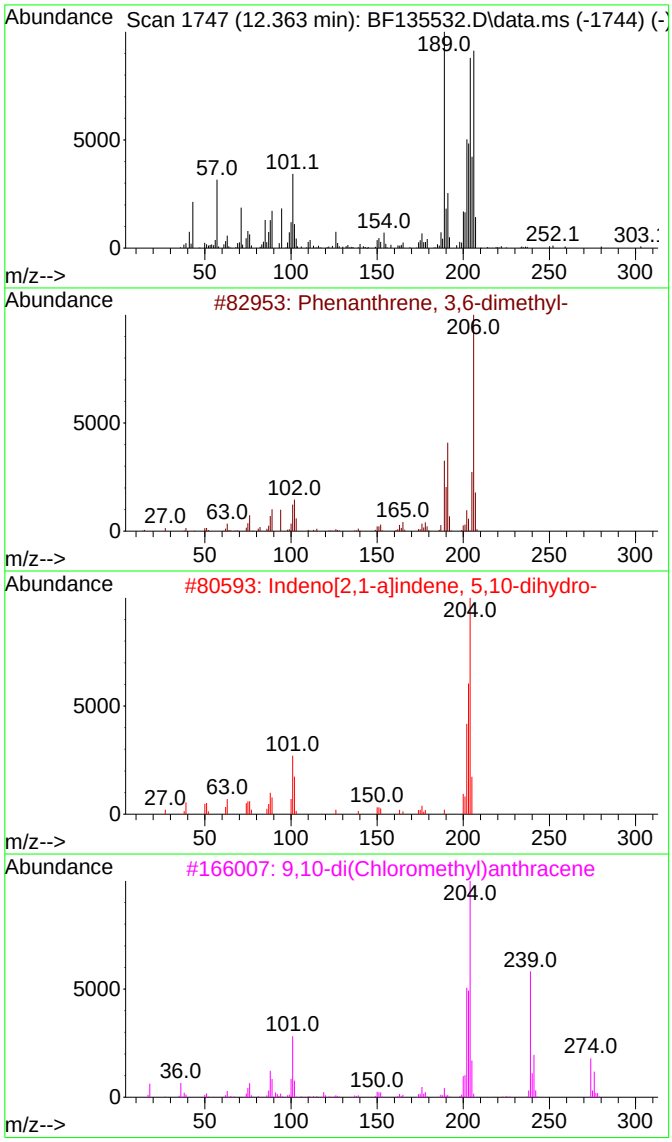
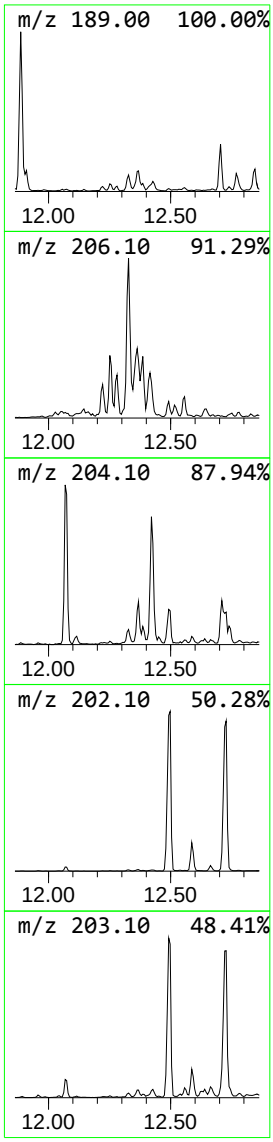
Peak Number 9 unknown12.363 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	4.67 ng	243121	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	38
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38





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

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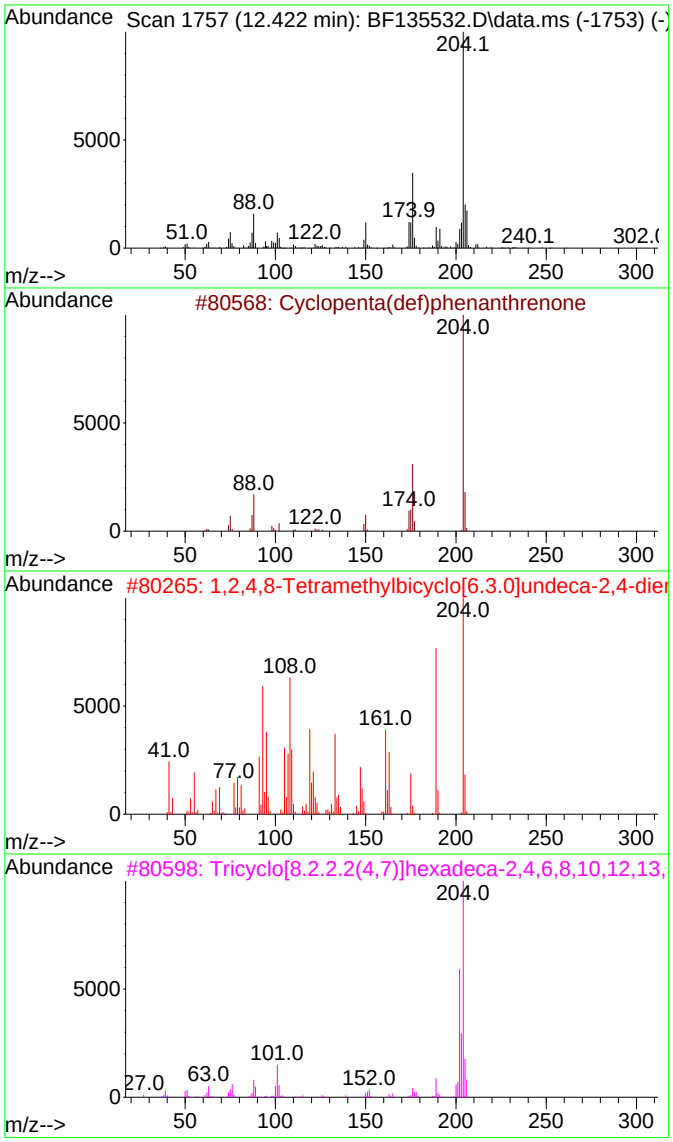
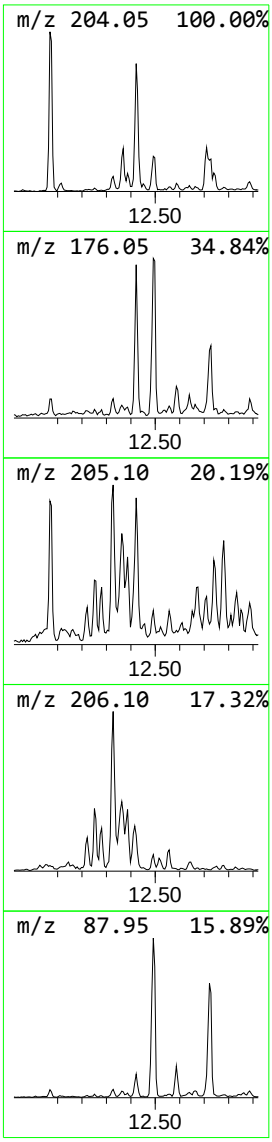
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	6.16 ng	320647	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	49
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47





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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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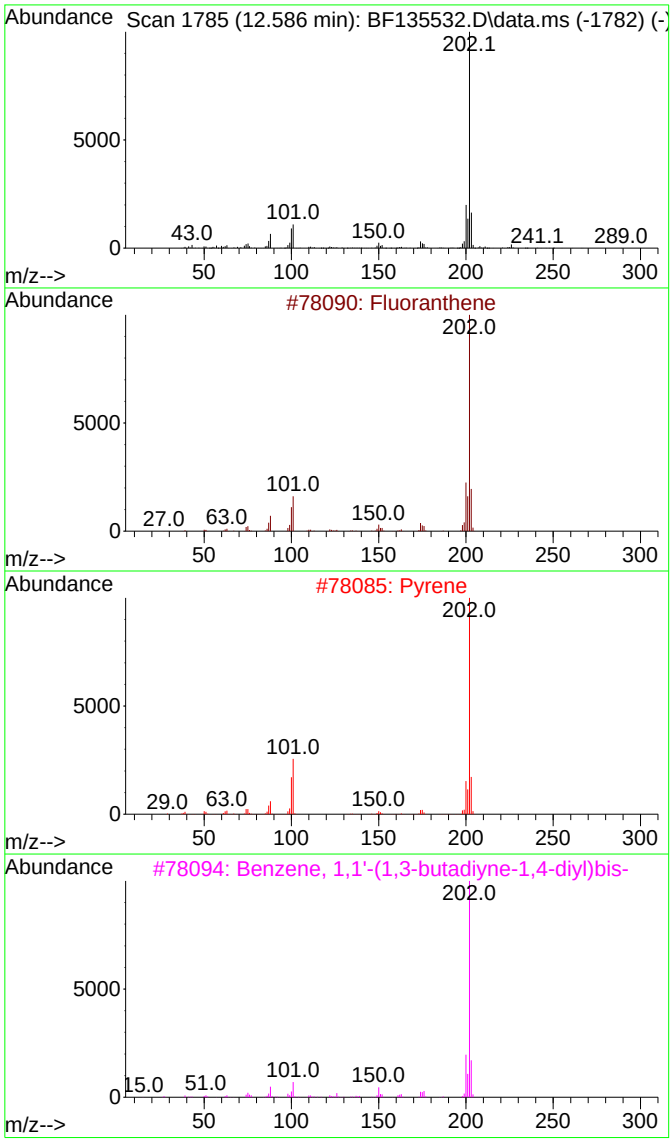
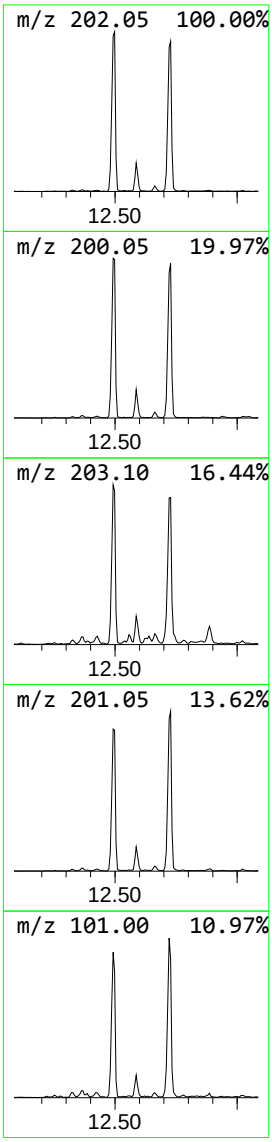
Peak Number 11 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	11.53 ng	600361	Phenanthrene-d10	11.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	98
2	Pyrene	202	C16H10	000129-00-0	93
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
4	l-Leucine, N-methyl-N-(2-methoxy...	443	C25H49NO5	1000328-54-8	38
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	38





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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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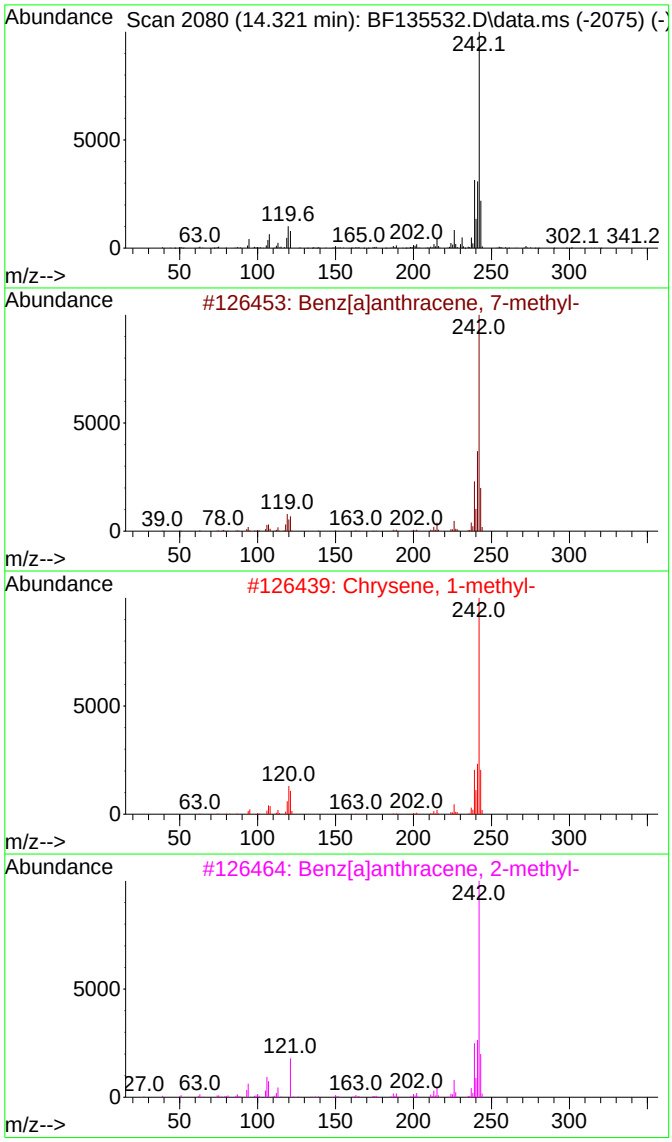
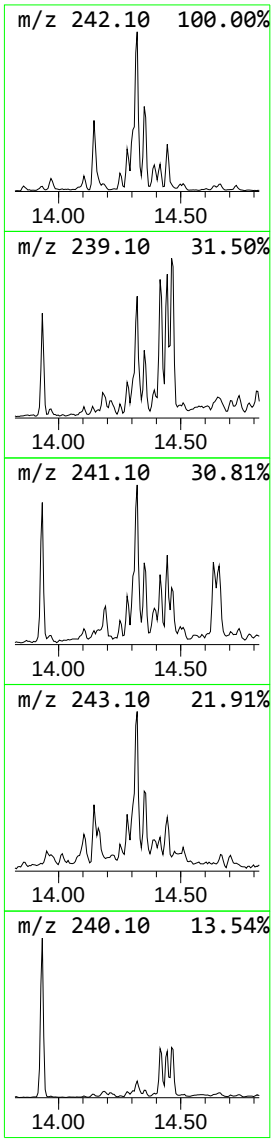
Peak Number 12 Benz[a]anthracene, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.321	4.20 ng	756758	Chrysene-d12	13.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89





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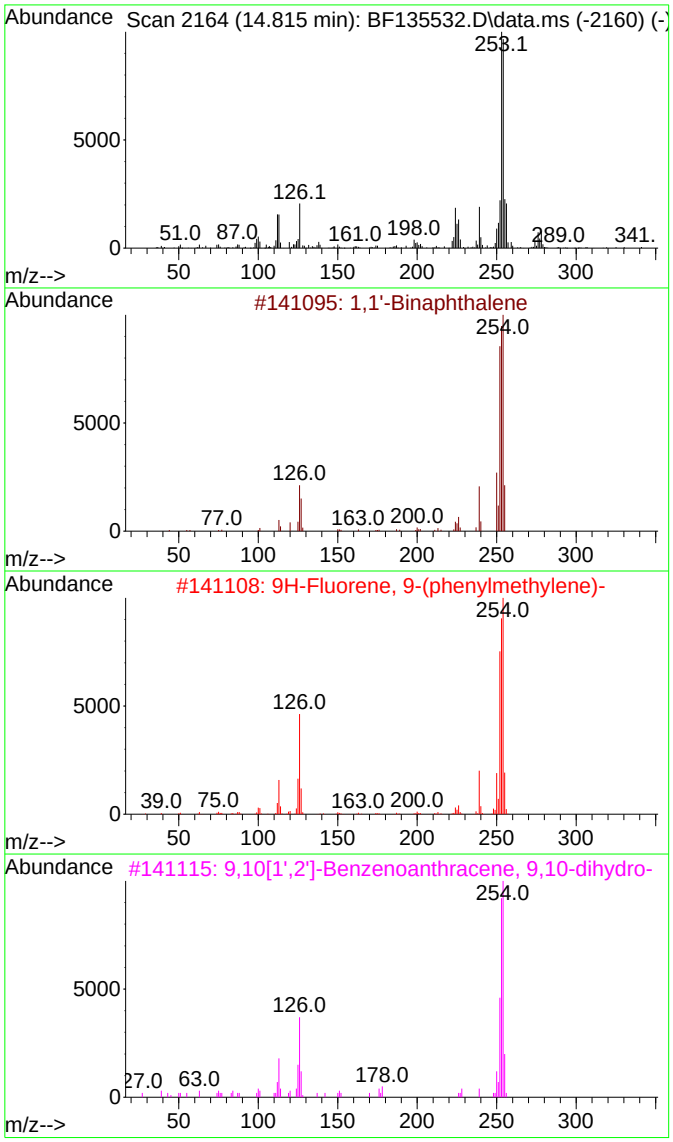
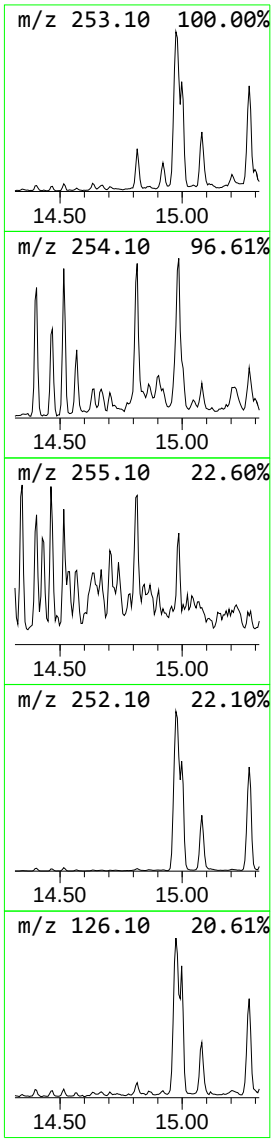
Peak Number 13 1,1'-Binaphthalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.816	5.38 ng	225031	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	94
2	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	76
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	70
4	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	68
5	Benzo(a)pyrene, 7,8-dihydro-	254	C20H14	017573-23-8	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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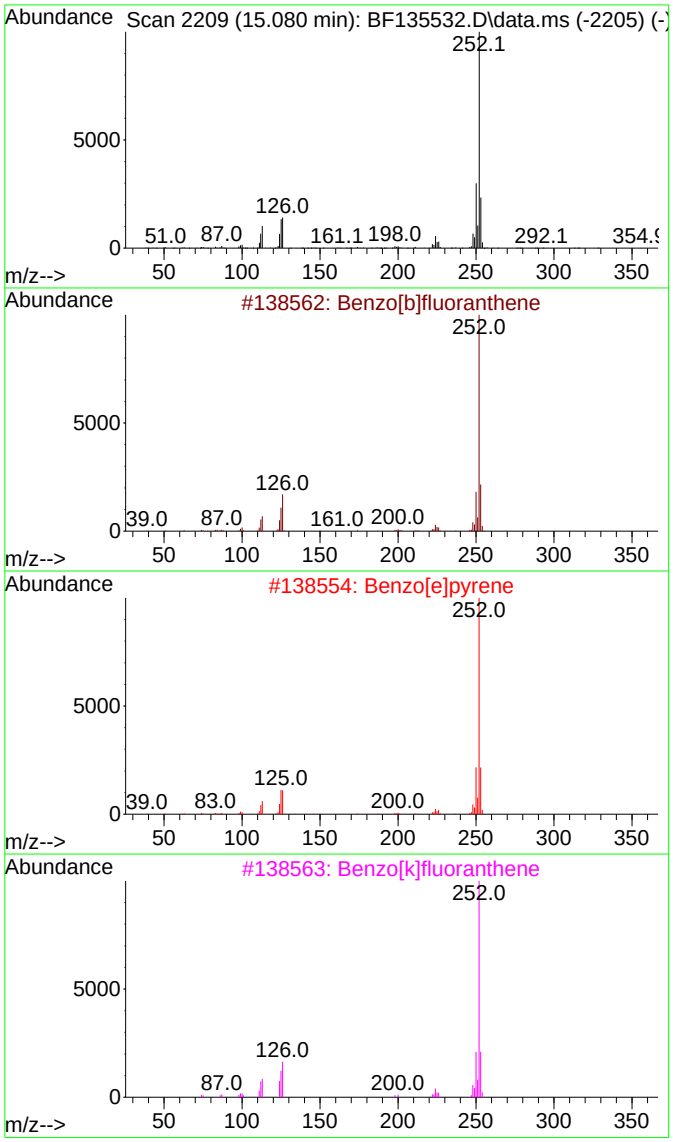
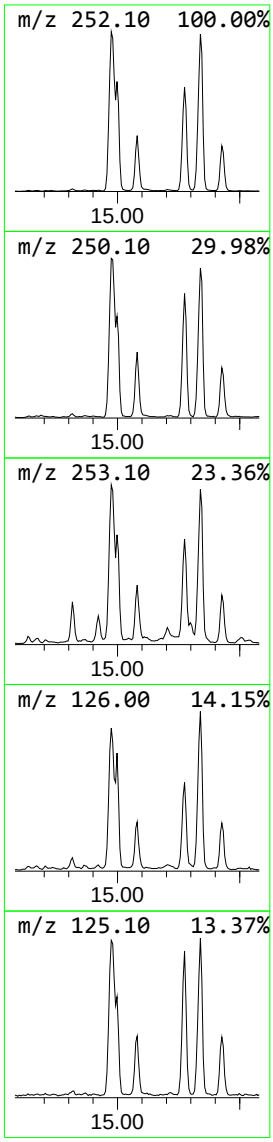
Peak Number 14 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	15.53 ng	649299	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Perylene	252	C20H12	000198-55-0	93





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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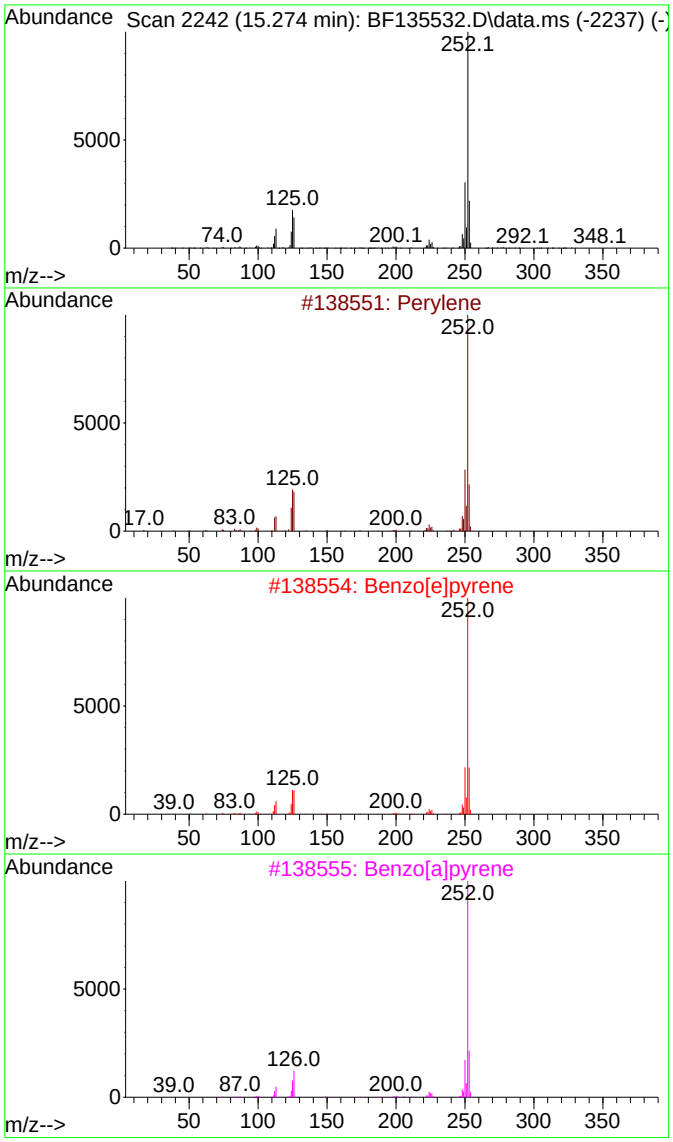
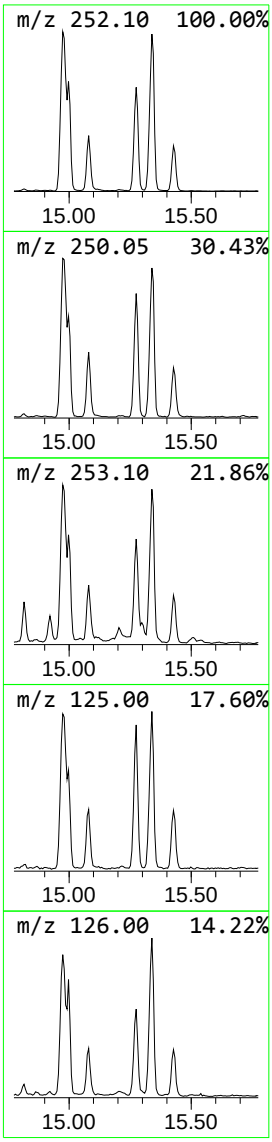
Peak Number 15 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	37.57 ng	1571370	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93





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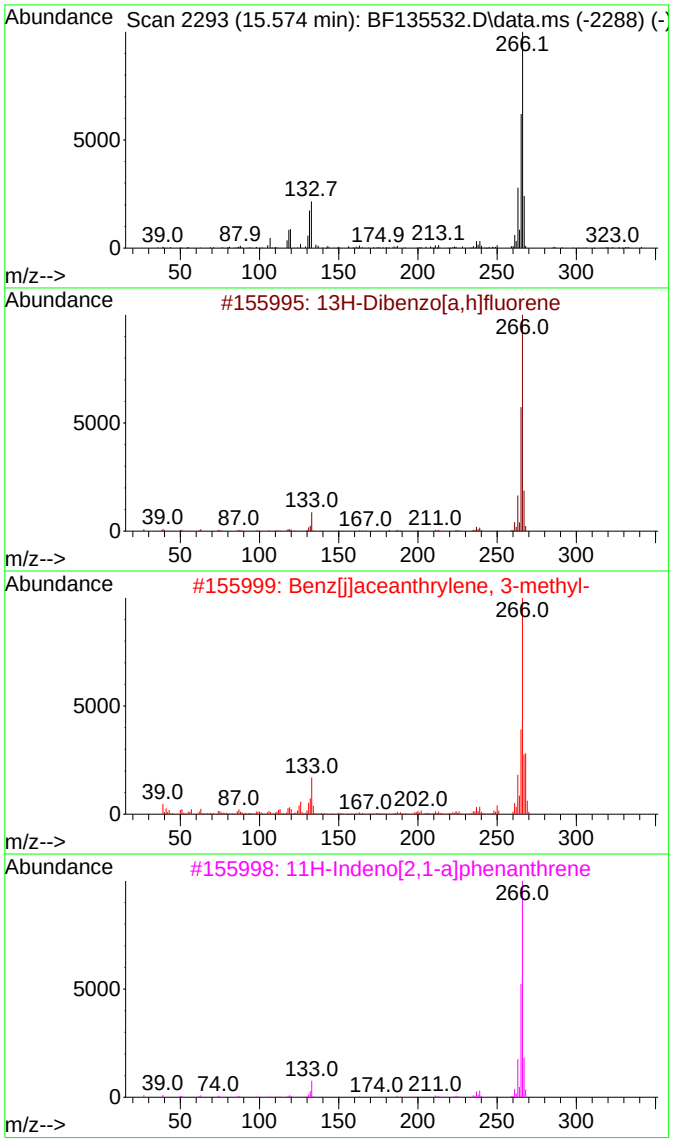
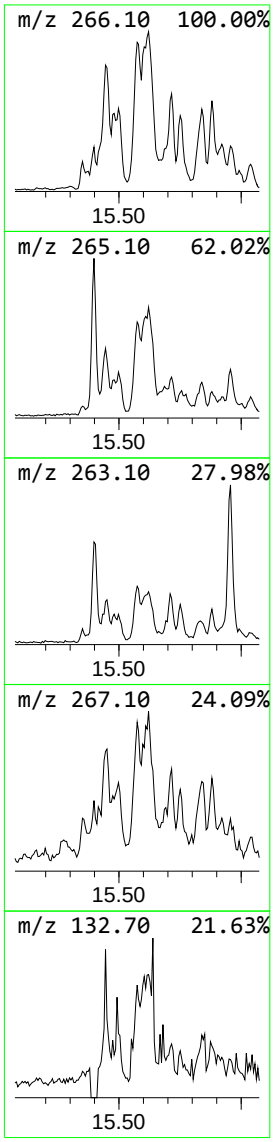
Peak Number 16 13H-Dibenzo[a,h]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.574	5.79 ng	241982	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	89
2	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	70
3	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	70
4	8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	68
5	Perylene, 3-methyl-	266	C21H14	024471-47-4	60





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Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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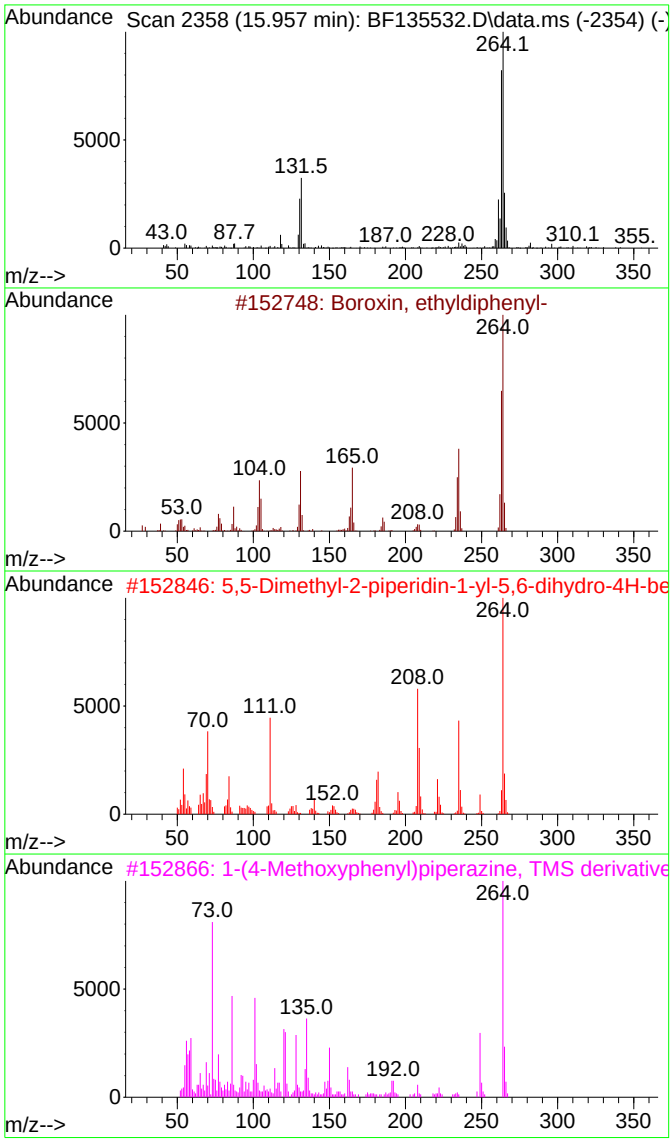
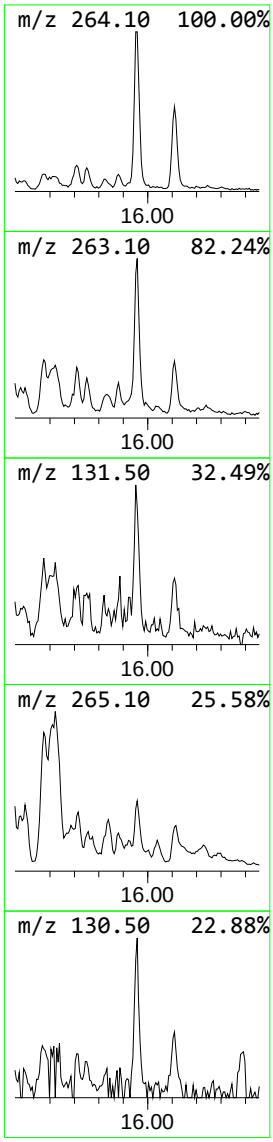
Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.957	6.17 ng	258087	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
2	5,5-Dimethyl-2-piperidin-1-yl-5,...	264	C14H20N2OS	015091-02-8	38
3	1-(4-Methoxyphenyl)piperazine, T...	264	C14H24N2OSi	1000373-99-5	27
4	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	25
5	11-Methyl-10-phenyl-1,7,8,12-tet...	264	C15H12N4O	1000387-98-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135532.D
Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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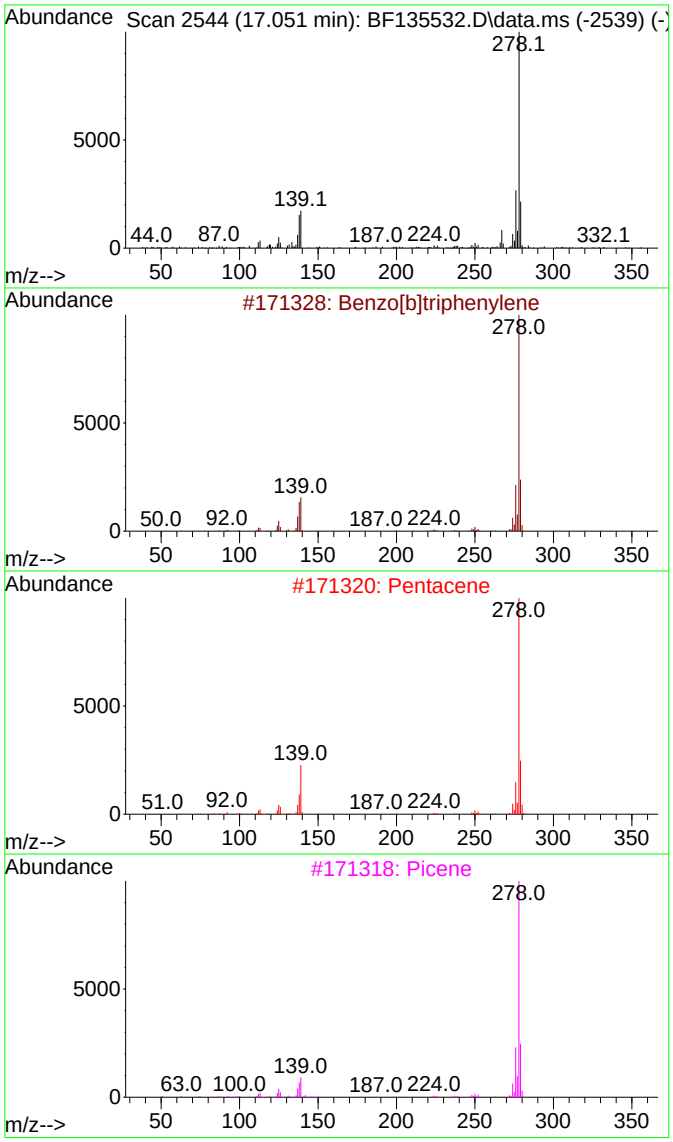
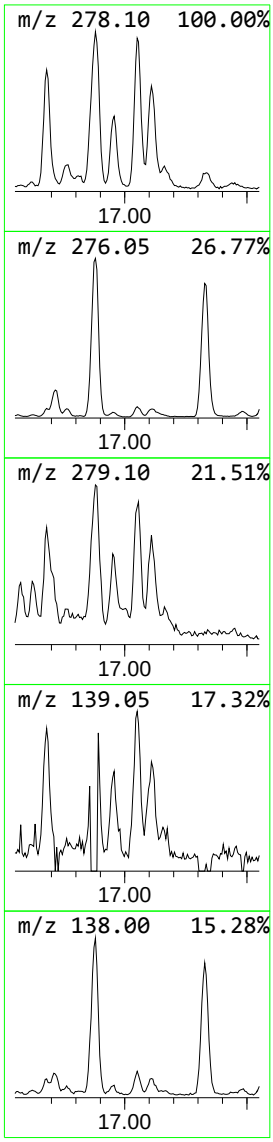
Peak Number 18 Benzo[b]triphenylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.051	7.78 ng	325479	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
2	Pentacene	278	C22H14	000135-48-8	93
3	Picene	278	C22H14	000213-46-7	93
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	89





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Data File : BF135532.D
Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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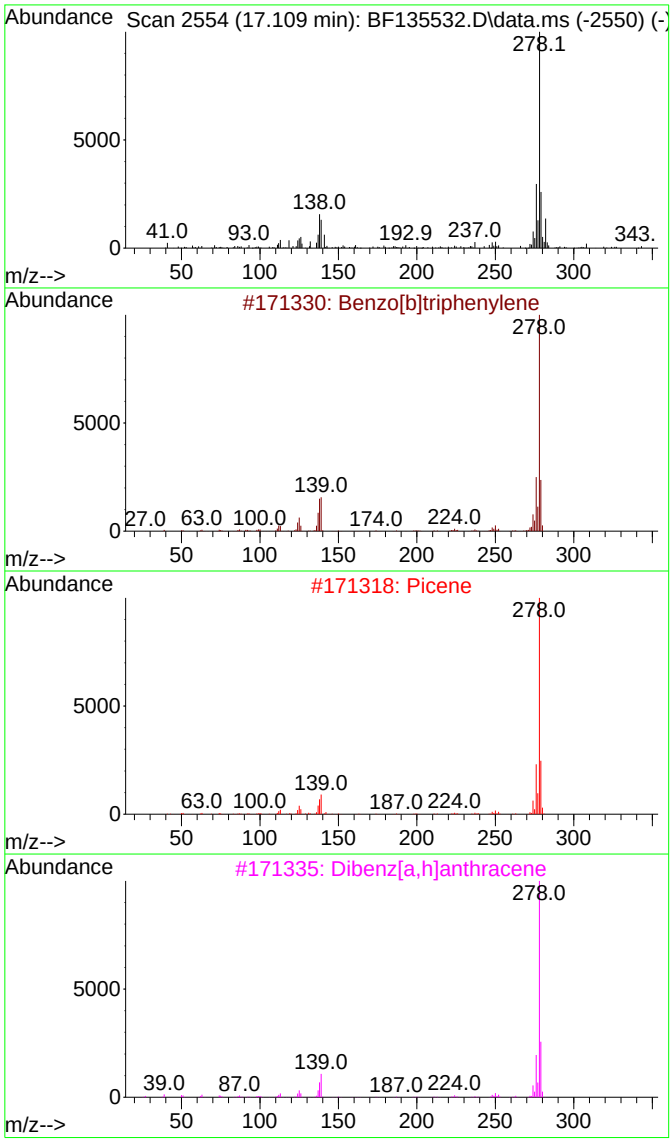
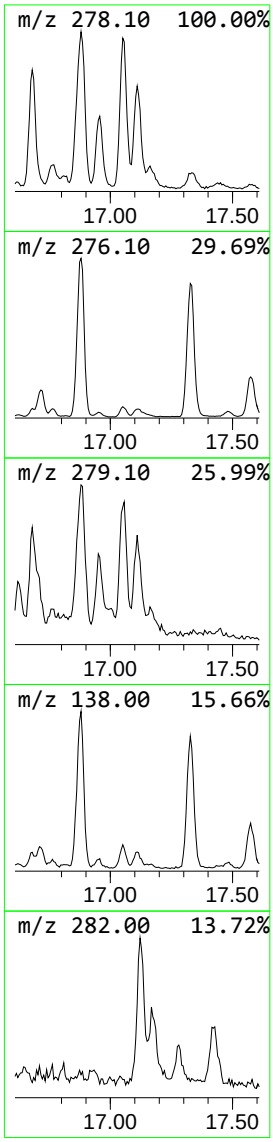
Peak Number 19 Picene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.109	4.23 ng	176967	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	96
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	96
4	Pentaphene	278	C22H14	000222-93-5	94
5	Pentacene	278	C22H14	000135-48-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135532.D
Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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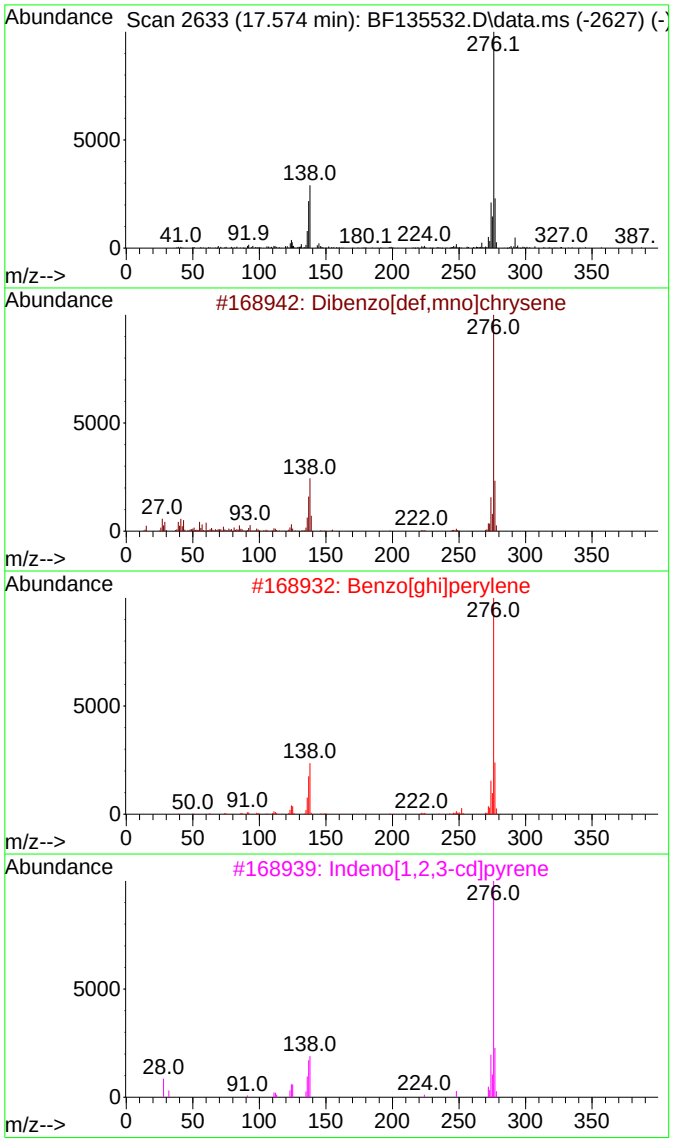
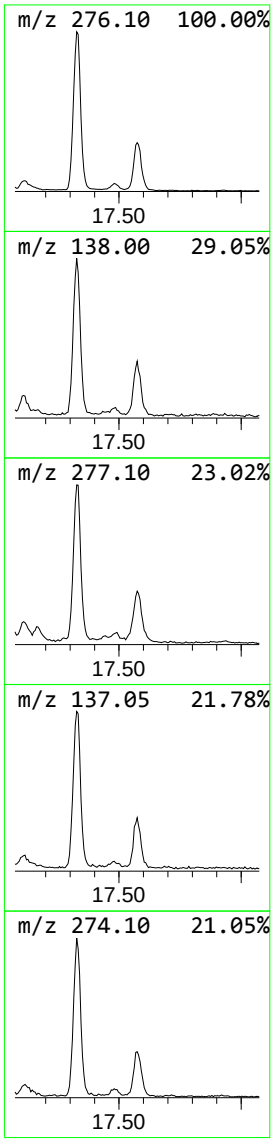
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.574	9.46 ng	395807	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	87
4	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50
5	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135532.D
Acq On : 02 Oct 2023 17:42
Operator : CG\JU
Sample : 04657-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-1(0-2IN)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
2,4,7,9-Tetrame...	9.216	5.7	ng	348939	3	9.775	1223310	20.0
Phenanthrene, 2...	11.775	7.2	ng	376265	4	11.269	1041560	20.0
Anthracene, 2-m...	11.804	15.8	ng	822522	4	11.269	1041560	20.0
Anthracene, 9-m...	11.851	4.5	ng	235604	4	11.269	1041560	20.0
4H-Cyclopenta[d...	11.886	15.9	ng	830778	4	11.269	1041560	20.0
Phenanthrene, 3...	11.910	4.6	ng	241338	4	11.269	1041560	20.0
Naphthalene, 2-...	12.069	5.7	ng	294289	4	11.269	1041560	20.0
Phenanthrene, 2...	12.327	6.0	ng	313124	4	11.269	1041560	20.0
unknown12.363	12.363	4.7	ng	243121	4	11.269	1041560	20.0
Cyclopenta(def)...	12.422	6.2	ng	320647	4	11.269	1041560	20.0
Benzene, 1,1'-(...	12.586	11.5	ng	600361	4	11.269	1041560	20.0
Benz[a]anthrace...	14.321	4.2	ng	756758	5	13.933	3601320	20.0
1,1'-Binaphthalene	14.816	5.4	ng	225031	6	15.398	836408	20.0
Benzo[e]pyrene	15.080	15.5	ng	649299	6	15.398	836408	20.0
Perylene	15.274	37.6	ng	1571370	6	15.398	836408	20.0
13H-Dibenzo[a,h...	15.574	5.8	ng	241982	6	15.398	836408	20.0
Boroxin, ethyld...	15.957	6.2	ng	258087	6	15.398	836408	20.0
Benzo[b]triphen...	17.051	7.8	ng	325479	6	15.398	836408	20.0
Picene	17.109	4.2	ng	176967	6	15.398	836408	20.0
Dibenzo[def,mno...	17.574	9.5	ng	395807	6	15.398	836408	20.0