LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135506.D
Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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: BF135506.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	214	219	227	rVB	151395	267817	2.67%	0.222%
2	5.387	557	561	570	rVB	1949069	2499435	24.89%	2.073%
3	5.587	590	595	611	rBV2	484430	1020814	10.17%	0.846%
4	6.399	730	733	741	rVV	2426093	2399204	23.89%	1.989%
5	6.587	758	765	769	rBV2	578314	1014205	10.10%	0.841%
6	6.628	769	772	779	rVB	283832	412161	4.10%	0.342%
7	6.746	789	792	796	rVV	1040186	824781	8.21%	0.684%
8	7.004	832	836	844	rBV	767791	1065736	10.61%	0.884%
9	7.310	884	888	894	rVB	1765107	1585426	15.79%	1.315%
10	7.604	931	938	952	rBV	3135844	3454753	34.40%	2.865%
11	7.781	962	968	971	rBV2	189776	307361	3.06%	0.255%
12	7.828	971	976	978	rVV	244345	281739	2.81%	0.234%
13	8.057	1004	1015	1018	rVV2	6598113	10041614	100.00%	8.327%
14	8.098	1018	1022	1027	rVB	697043	624662	6.22%	0.518%
15	8.245	1043	1047	1050	rBV	1553829	1363290	13.58%	1.130%
16	8.304	1053	1057	1068	rVB2	1863371	1758037	17.51%	1.458%
17	8.740	1125	1131	1134	rBV2	3411699	3216344	32.03%	2.667%
18	8.798	1137	1141	1143	rBV2	400403	378475	3.77%	0.314%
19	8.840	1143	1148	1151	rVB	2050003	1863766	18.56%	1.545%
20	9.098	1186	1192	1196	rVV	2383943	2213688	22.05%	1.836%
21	9.204	1207	1210	1212	rVB	812592	643591	6.41%	0.534%
22	9.375	1231	1239	1242	rBV2	859792	1317655	13.12%	1.093%
23	9.439	1246	1250	1253	rVV2	1112934	1326157	13.21%	1.100%
24	9.463	1253	1254	1258	rVV2	535443	489264	4.87%	0.406%
25	9.557	1267	1270	1274	rBV	501852	542447	5.40%	0.450%
26	9.598	1274	1277	1281	rVV2	210647	253043	2.52%	0.210%
27	9.639	1281	1284	1288	rVV	1285781	1141102	11.36%	0.946%
28	9.763	1300	1305	1306	rBV	436358	481080	4.79%	0.399%
29	9.781	1306	1308	1311	rVV	1019882	769173	7.66%	0.638%
30	9.816	1311	1314	1317	rVB2	560546	568727	5.66%	0.472%
31	9.987	1339	1343	1346	rVV	2082233	1843892	18.36%	1.529%
32	10.022	1346	1349	1353	rVB3	271182	262844	2.62%	0.218%
33	10.098	1359	1362	1364	rBV2	312053	305435	3.04%	0.253%
34	10.122	1364	1366	1369	rVB2	308372	273997	2.73%	0.227%
35	10.210	1379	1381	1384	rVV2	386868	342555	3.41%	0.284%
36	10.334	1398	1402	1408	rVB	3286113	2911817	29.00%	2.414%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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	10.439	1417	1420	1425	rVB2	253213	283260	2.82%	0.235%
38	10.486	1425	1428	1431	rBV	577150	487450	4.85%	0.404%
39	10.575	1437	1443	1447	rBV2	1663009	1755964	17.49%	1.456%
40	10.692	1459	1463	1470	rVB2	569858	840028	8.37%	0.697%
41	10.881	1491	1495	1498	rVV2	556347	641334	6.39%	0.532%
42	10.910	1498	1500	1505	rVB	297829	270535	2.69%	0.224%
43	11.139	1533	1539	1541	rBV2	441739	511112	5.09%	0.424%
44	11.169	1541	1544	1547	rBV	1232960	1023412	10.19%	0.849%
45	11.204	1547	1550	1558	rVB	345227	335479	3.34%	0.278%
46	11.275	1559	1562	1564	rBV	799020	964317	9.60%	0.800%
47	11.310	1564	1568	1571	rVB	5152312	6480870	64.54%	5.374%
48	11.357	1571	1576	1578	rBV	2925654	2416434	24.06%	2.004%
49	11.392	1578	1582	1584	rBV2	531530	497099	4.95%	0.412%
50	11.516	1599	1603	1607	rBV2	1197376	1237427	12.32%	1.026%
51	11.569	1609	1612	1615	rBV	623802	558111	5.56%	0.463%
52	11.610	1616	1619	1624	rBV4	462988	615092	6.13%	0.510%
53	11.686	1629	1632	1636	rBV2	420016	593296	5.91%	0.492%
54	11.781	1645	1648	1651	rBV2	1090331	1247665	12.42%	1.035%
55	11.816	1651	1654	1656	rVV	1184848	1095892	10.91%	0.909%
56	11.863	1659	1662	1664	rBV	457111	498294	4.96%	0.413%
57	11.898	1665	1668	1670	rBV	1620552	1717817	17.11%	1.424%
58	12.528	1769	1775	1777	rVB	4410199	5504989	54.82%	4.565%
59	12.610	1787	1789	1793	rVB	347650	300555	2.99%	0.249%
60	12.663	1795	1798	1801	rVB	459056	407189	4.06%	0.338%
61	12.745	1805	1812	1816	rVB2	4401719	6207661	61.82%	5.147%
62	12.786	1816	1819	1823	rVB2	413631	495497	4.93%	0.411%
63	12.851	1827	1830	1831	rBV2	515793	466358	4.64%	0.387%
64	12.875	1831	1834	1836	rVB	1899918	1565162	15.59%	1.298%
65	12.957	1842	1848	1851	rBV2	634094	1039355	10.35%	0.862%
66	13.039	1859	1862	1864	rVV2	548886	731771	7.29%	0.607%
67	13.063	1864	1866	1869	rVB	1667568	1441159	14.35%	1.195%
68	13.104	1870	1873	1875	rBV2	340554	369189	3.68%	0.306%
69	13.127	1875	1877	1880	rVV	1459661	1336994	13.31%	1.109%
70	13.169	1880	1884	1888	rVV2	971183	1008851	10.05%	0.837%
71	13.257	1896	1899	1902	rBV	584463	482967	4.81%	0.400%
72	13.286	1902	1904	1908	rBV	612993	580403	5.78%	0.481%
73	13.445	1927	1931	1933	rBV2	394322	477098	4.75%	0.396%
74	13.545	1945	1948	1951	rBV	248090	337863	3.36%	0.280%
75	13.575	1951	1953	1957	rVB3	327011	321736	3.20%	0.267%
76	13.680	1968	1971	1974	rBV	584931	617446	6.15%	0.512%

LSC Area Percent Report

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Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
I-1(0-5)

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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Peak separation: 5

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

77	13.710	1974	1976	1978	rVV	677774	567375	5.65%	0.470%
78	13.733	1978	1980	1984	rVV2	493664	599570	5.97%	0.497%
79	13.780	1985	1988	1992	rVB3	477833	578927	5.77%	0.480%
80	13.851	1998	2000	2007	rVB	189009	252456	2.51%	0.209%
81	13.933	2009	2014	2017	rVV2	2873239	4419376	44.01%	3.665%
82	13.969	2017	2020	2026	rVB	2770096	2782676	27.71%	2.307%
83	14.092	2038	2041	2046	rBV4	476263	541488	5.39%	0.449%
84	14.327	2076	2081	2083	rVV	687723	859057	8.55%	0.712%
85	14.357	2083	2086	2089	rVV	399470	370734	3.69%	0.307%
86	14.398	2090	2093	2095	rVV2	456729	519550	5.17%	0.431%
87	14.422	2095	2097	2099	rVV	376331	343184	3.42%	0.285%
88	14.451	2099	2102	2104	rVV	425266	442080	4.40%	0.367%
89	14.469	2104	2105	2109	rVB	421923	340785	3.39%	0.283%
90	14.704	2143	2145	2148	rVB2	268886	227058	2.26%	0.188%
91	14.980	2187	2192	2195	rBV	1531421	2498085	24.88%	2.071%
92	15.033	2199	2201	2206	rVB3	300046	387420	3.86%	0.321%
93	15.080	2206	2209	2214	rVB	455293	497636	4.96%	0.413%
94	15.274	2238	2242	2248	rVB	958896	1200156	11.95%	0.995%
95	15.339	2248	2253	2259	rVV	1409064	1844142	18.36%	1.529%
96	15.398	2259	2263	2266	rVV	460727	661226	6.58%	0.548%
97	15.427	2266	2268	2275	rVB2	404464	563823	5.61%	0.468%
98	16.874	2508	2514	2521	rVB2	550971	1099256	10.95%	0.912%
99	17.321	2584	2590	2600	rBV	401280	810552	8.07%	0.672%
100	17.568	2627	2632	2643	rVB	163377	361583	3.60%	0.300%

Sum of corrected areas: 120597413

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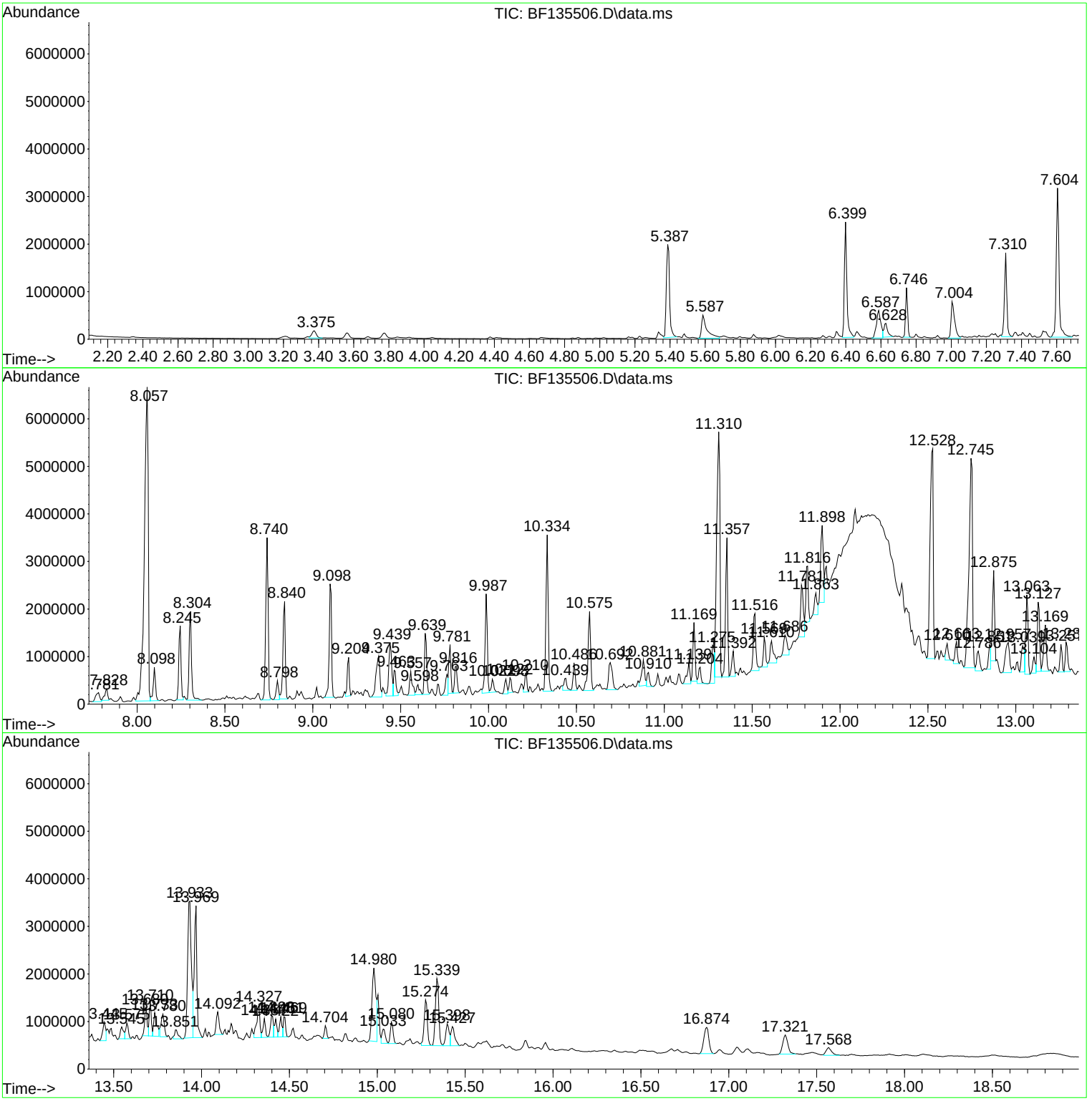
Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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\BF092823\
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Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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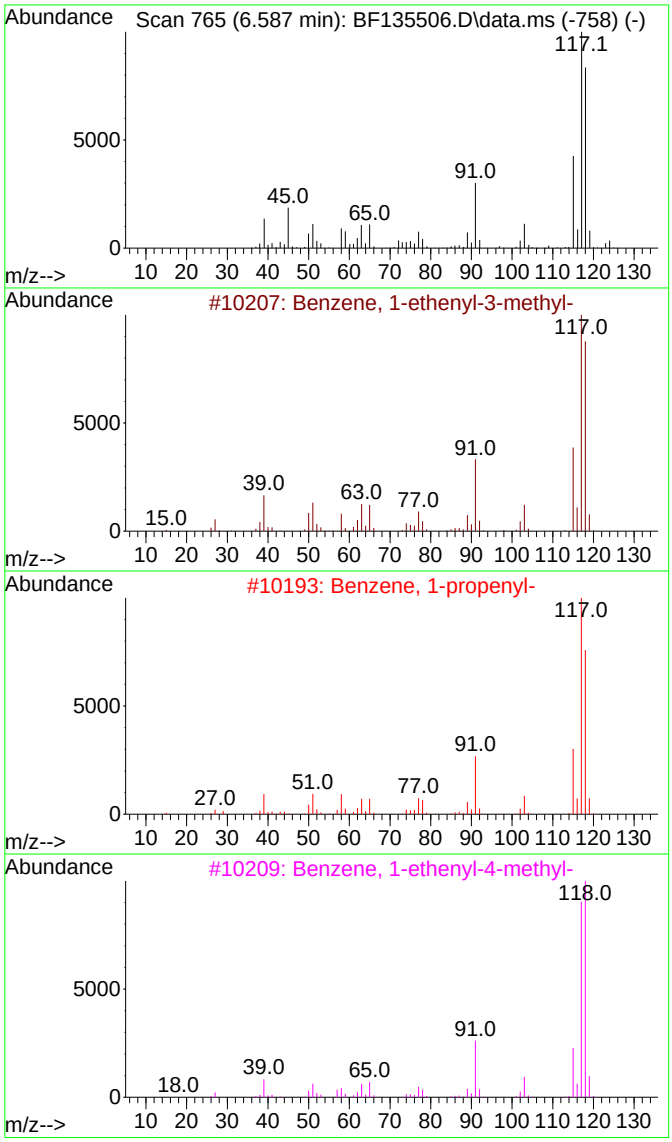
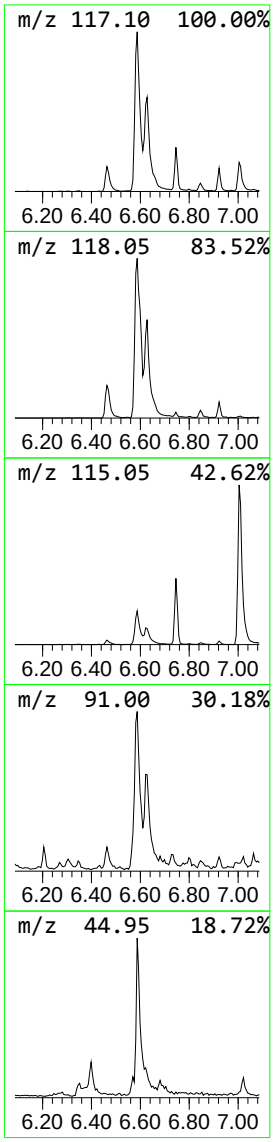
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.587	24.59 ng	1014210	1,4-Dichlorobenzene-d4	6.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135506.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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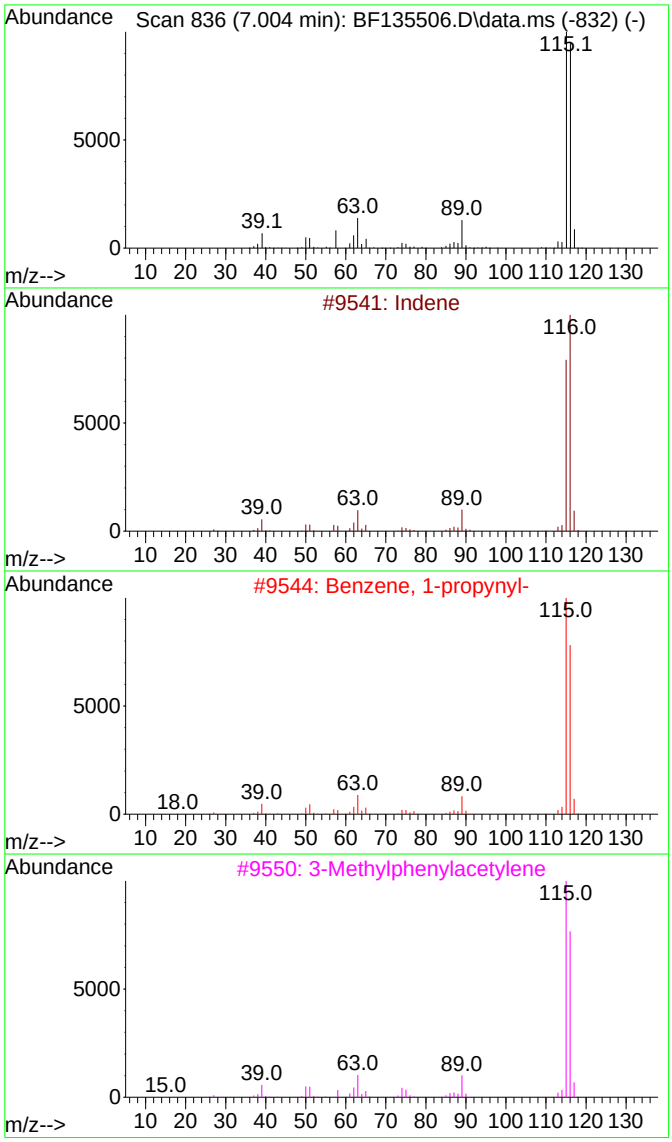
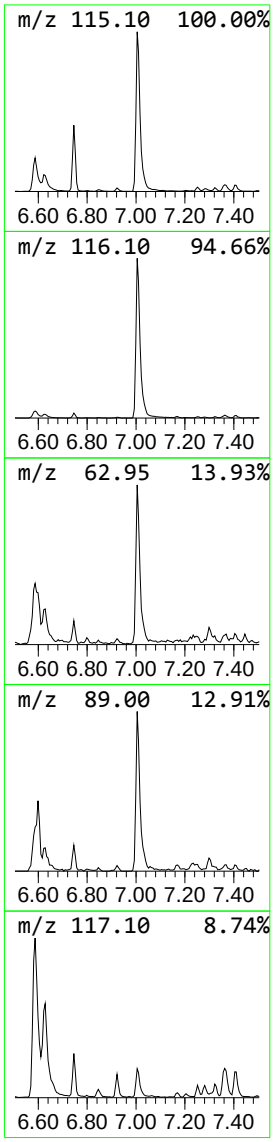
Peak Number 3 Indene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	25.84 ng	1065740	1,4-Dichlorobenzene-d4	6.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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I-1(0-5)

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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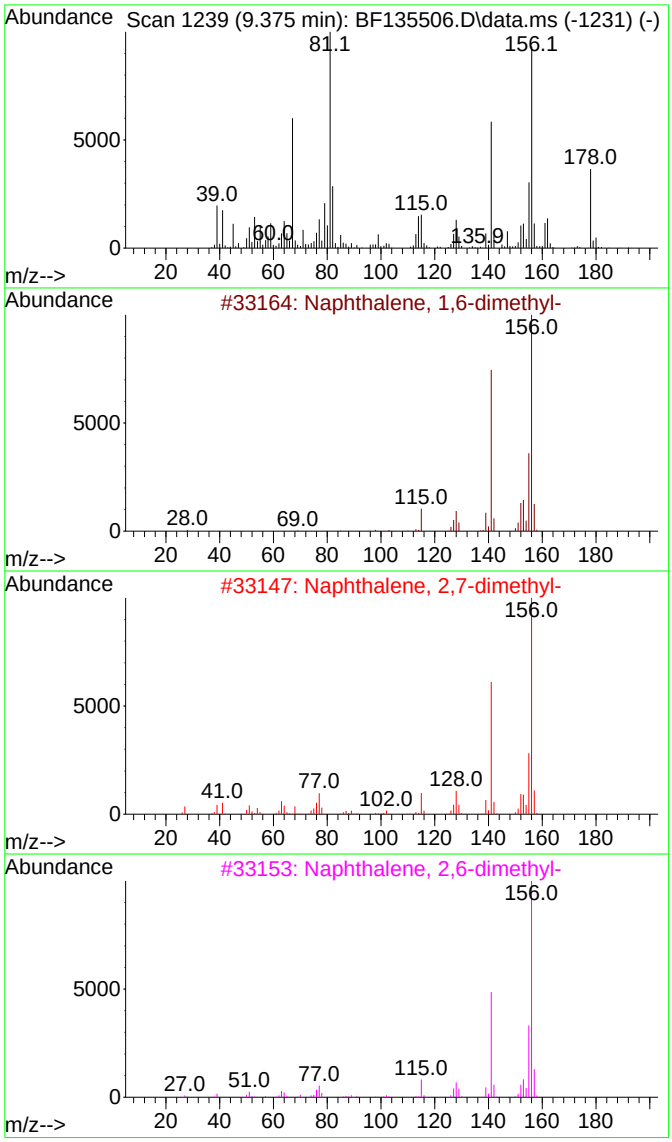
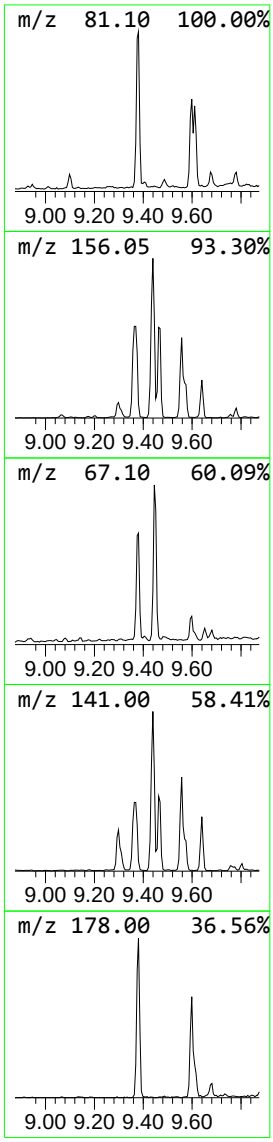
Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	34.26 ng	1317660	Acenaphthene-d10	9.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93





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Data File : BF135506.D
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Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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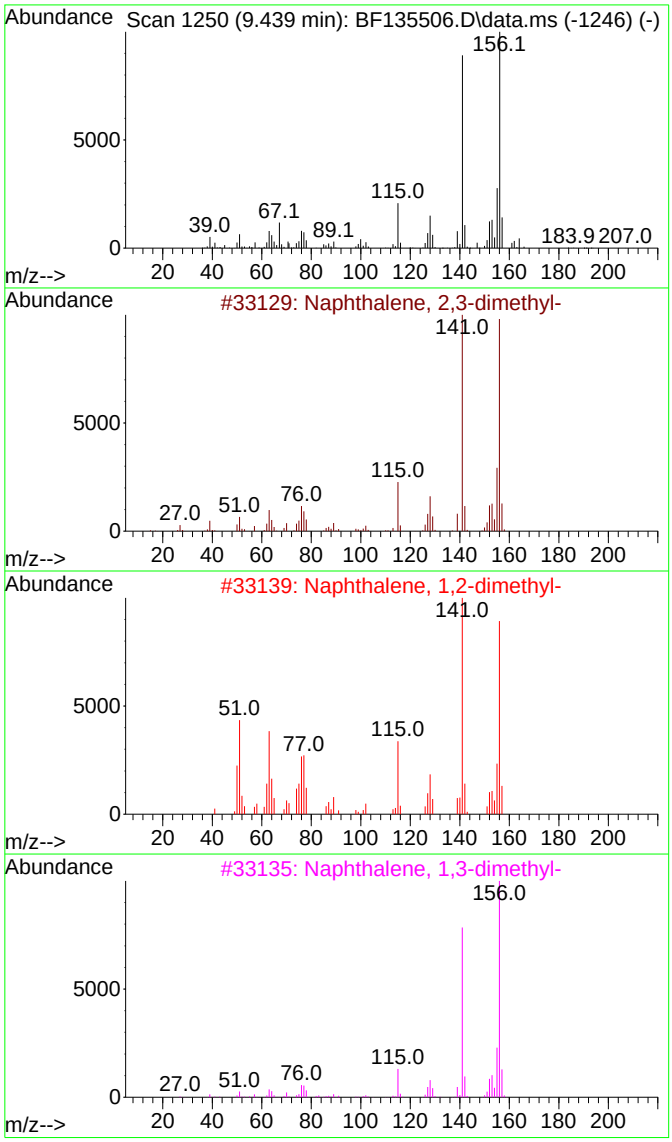
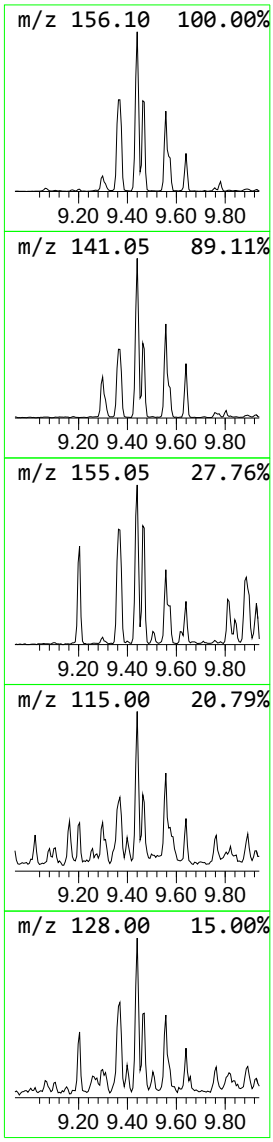
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	34.48 ng	1326160	Acenaphthene-d10	9.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135506.D
Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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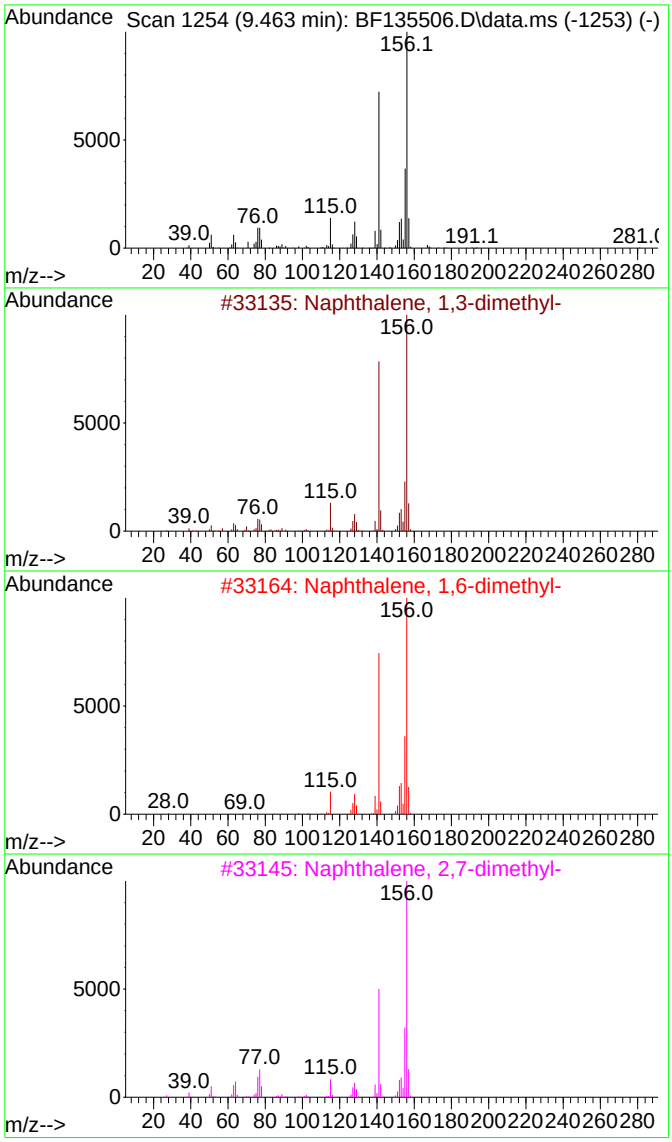
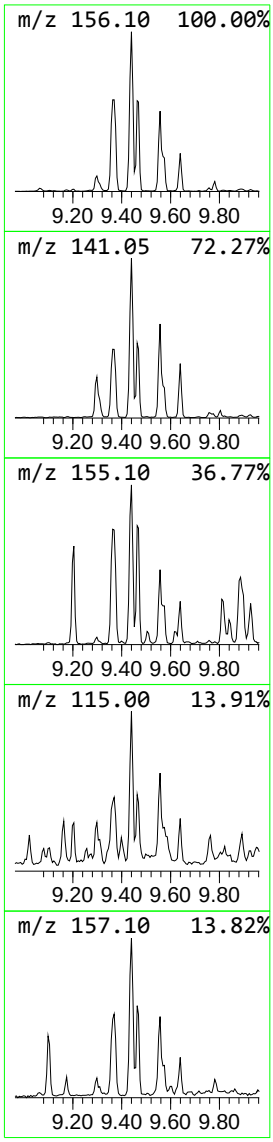
Peak Number 6 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	12.72 ng	489264	Acenaphthene-d10	9.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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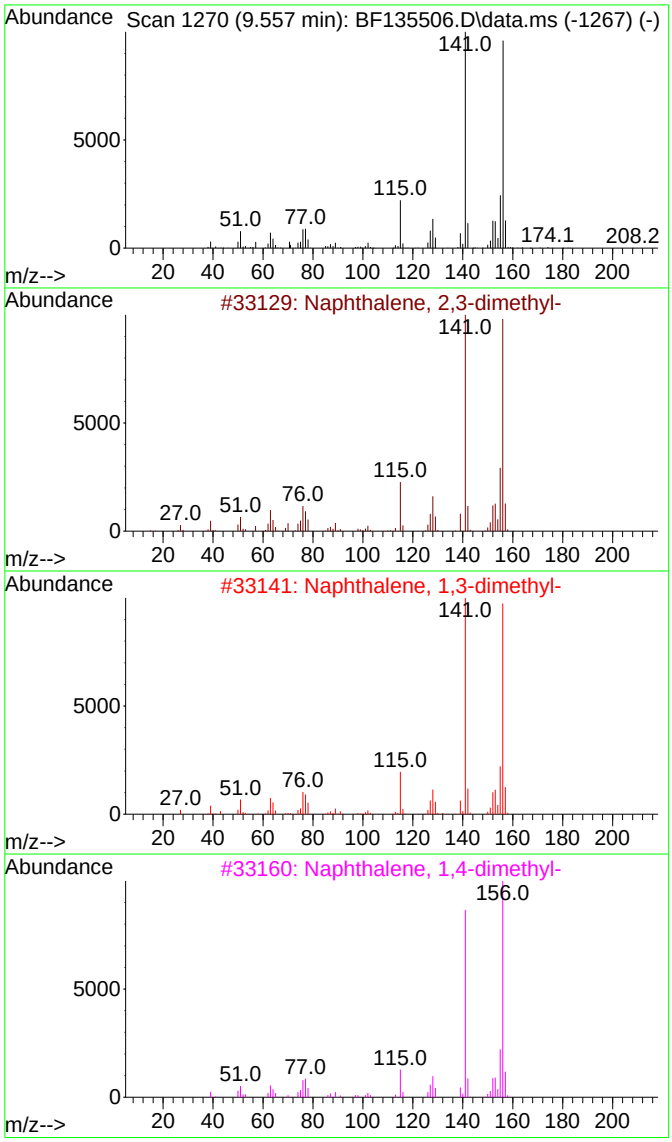
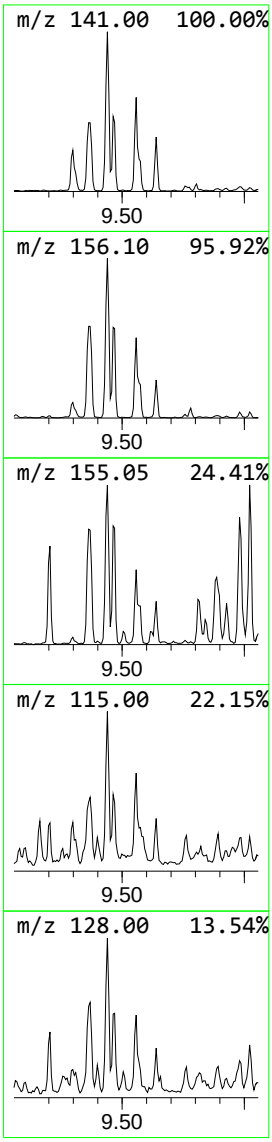
Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	14.10 ng	542447	Acenaphthene-d10	9.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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ClientSampleId :
I-1(0-5)

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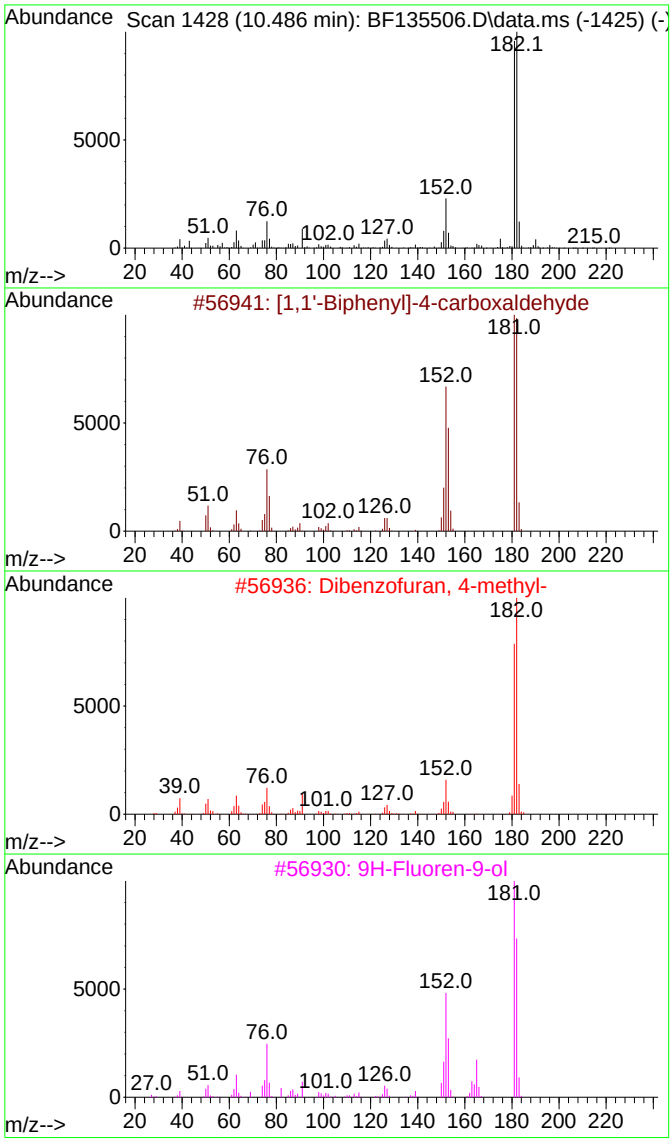
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

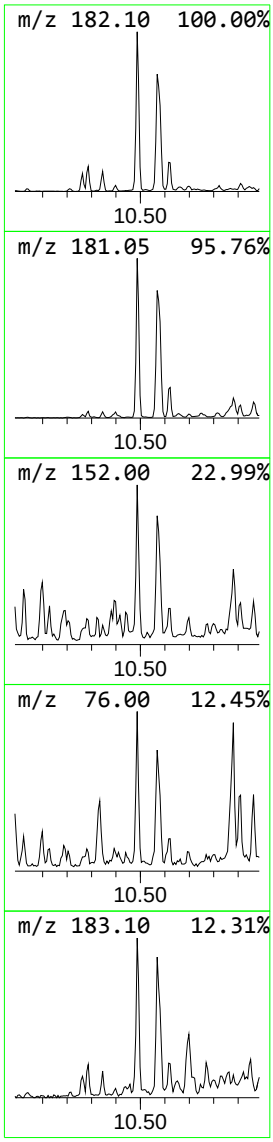
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	12.67 ng	487450	Acenaphthene-d10	9.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	76
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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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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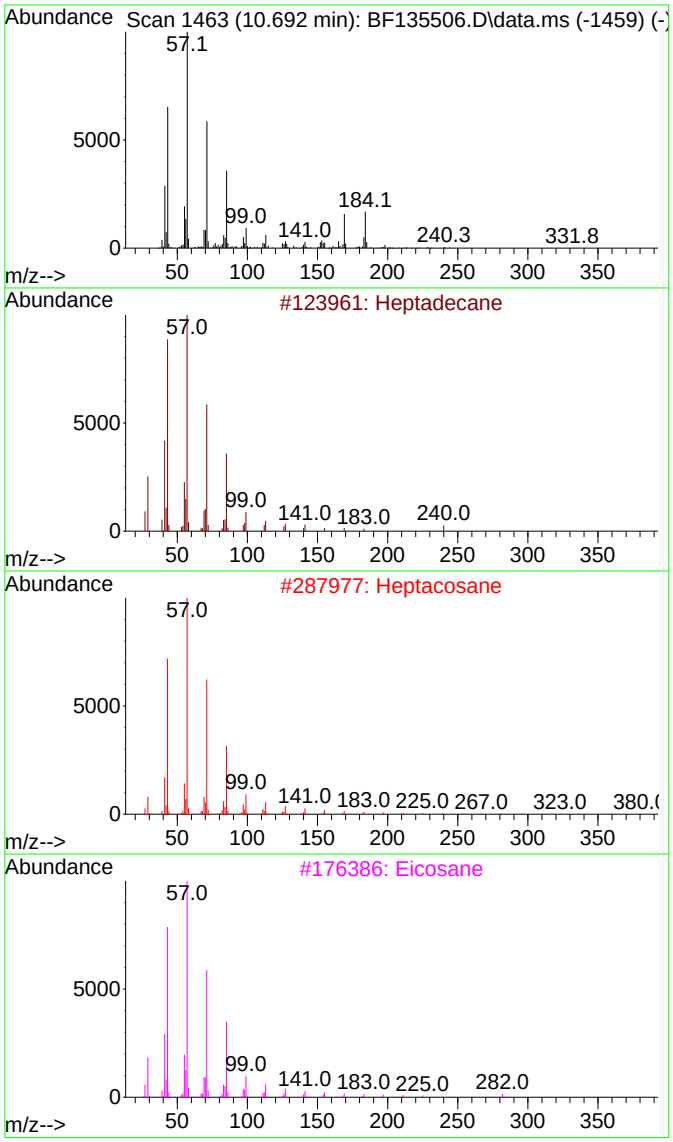
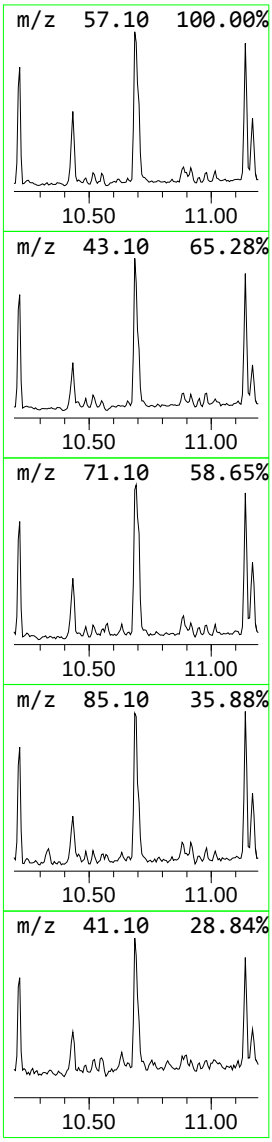
Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	17.42 ng	840028	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Heptacosane	380	C27H56	000593-49-7	70
3	Eicosane	282	C20H42	000112-95-8	68
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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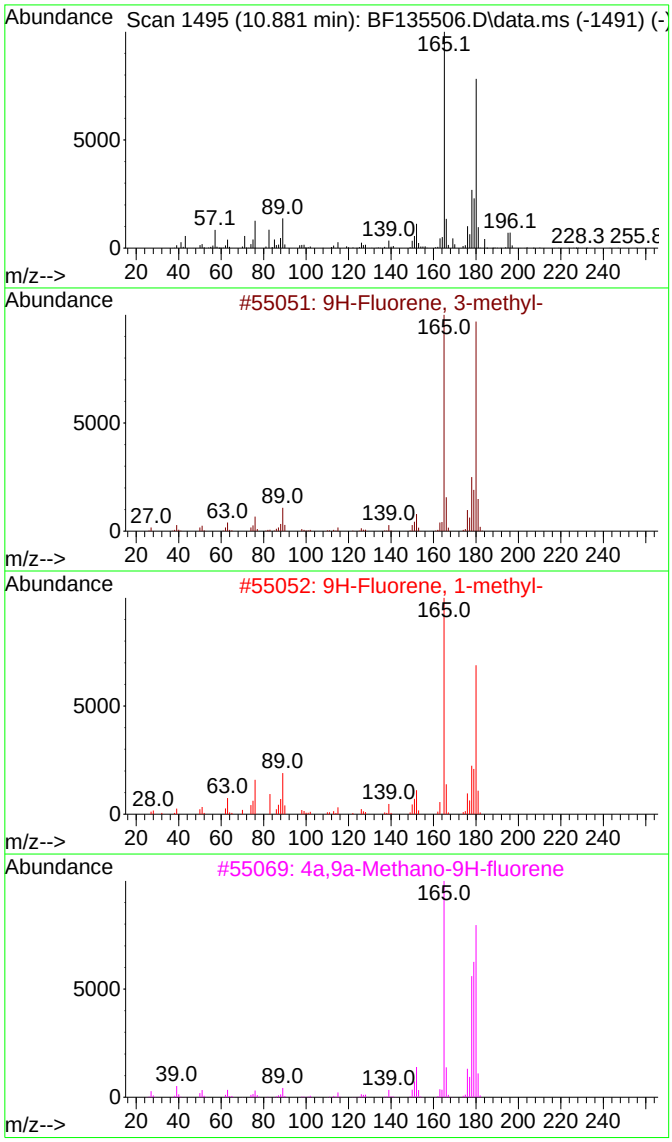
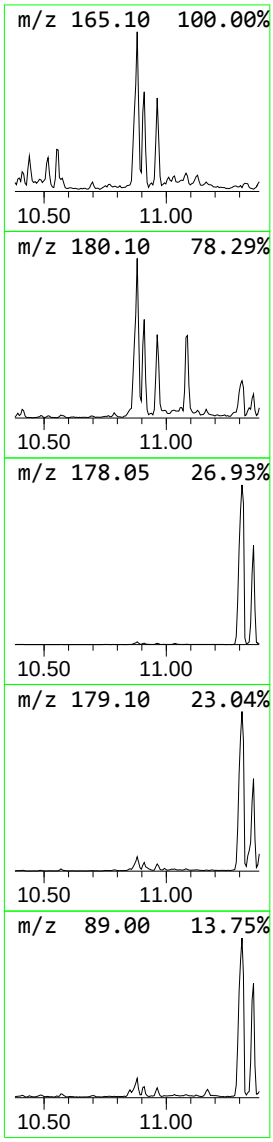
Peak Number 10 9H-Fluorene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.881	13.30 ng	641334	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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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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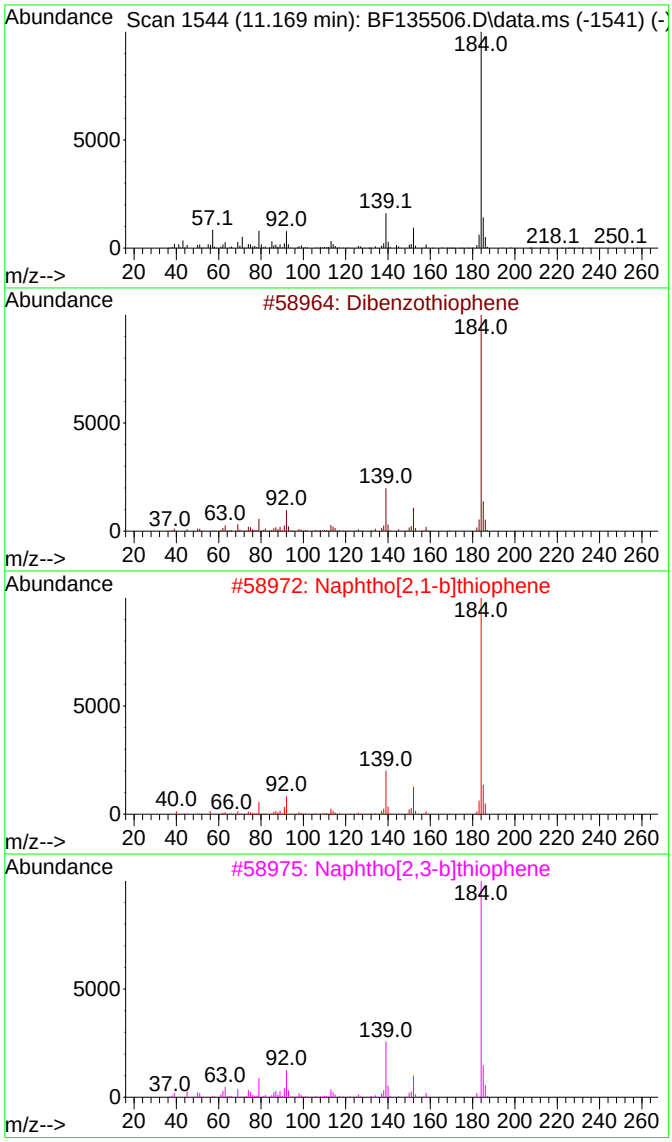
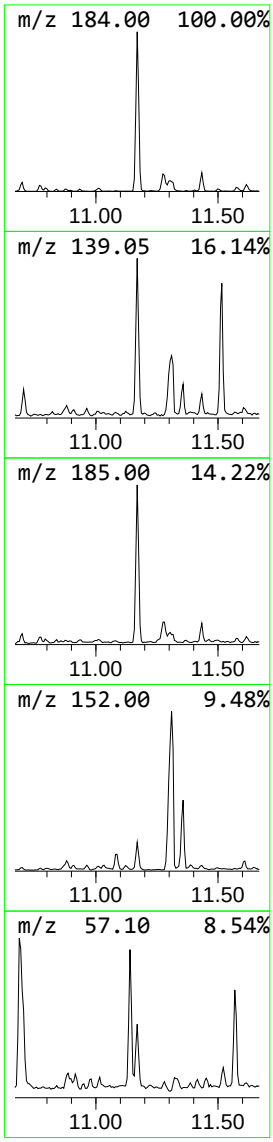
Peak Number 11 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.169	21.23 ng	1023410	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72





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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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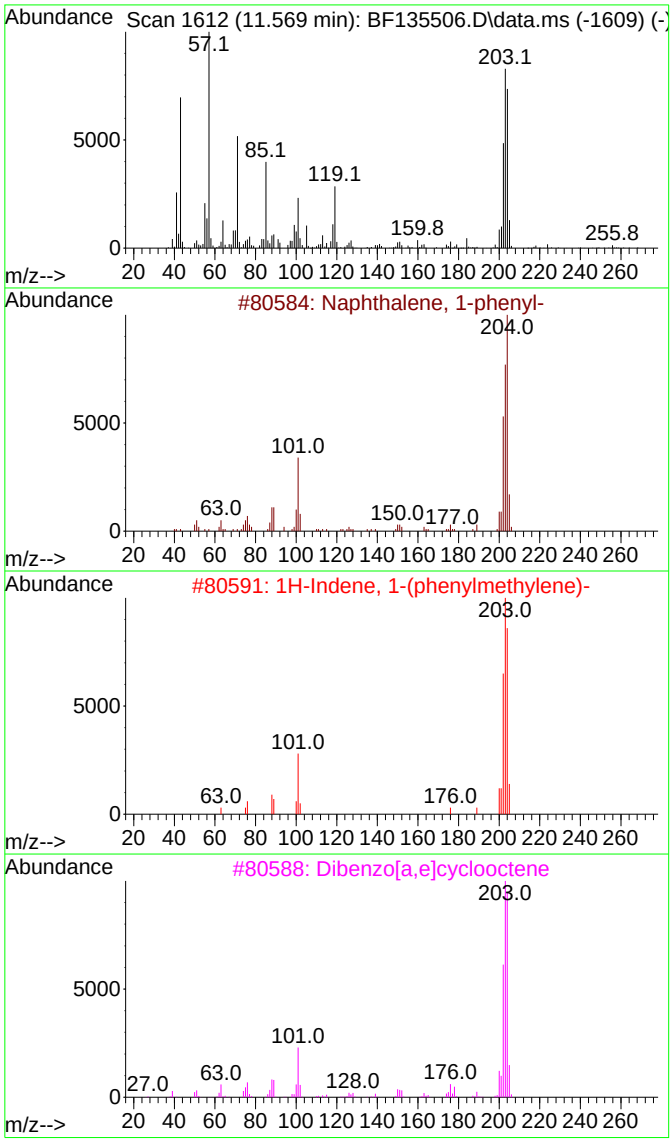
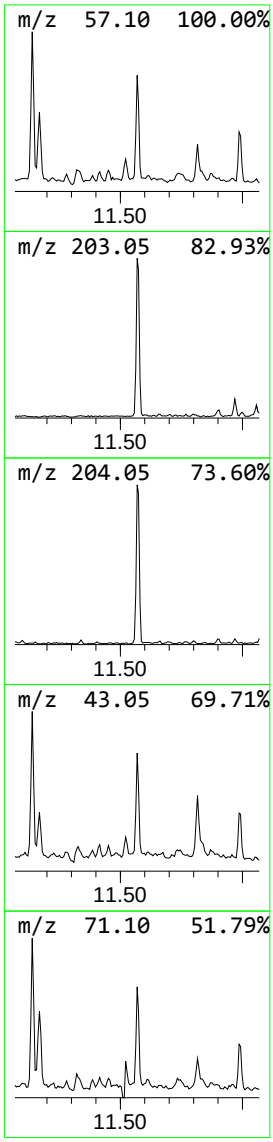
Peak Number 12 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.569	11.58 ng	558111	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	94
2	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	90
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	70
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	55
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	51





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ALS Vial : 21 Sample Multiplier: 1

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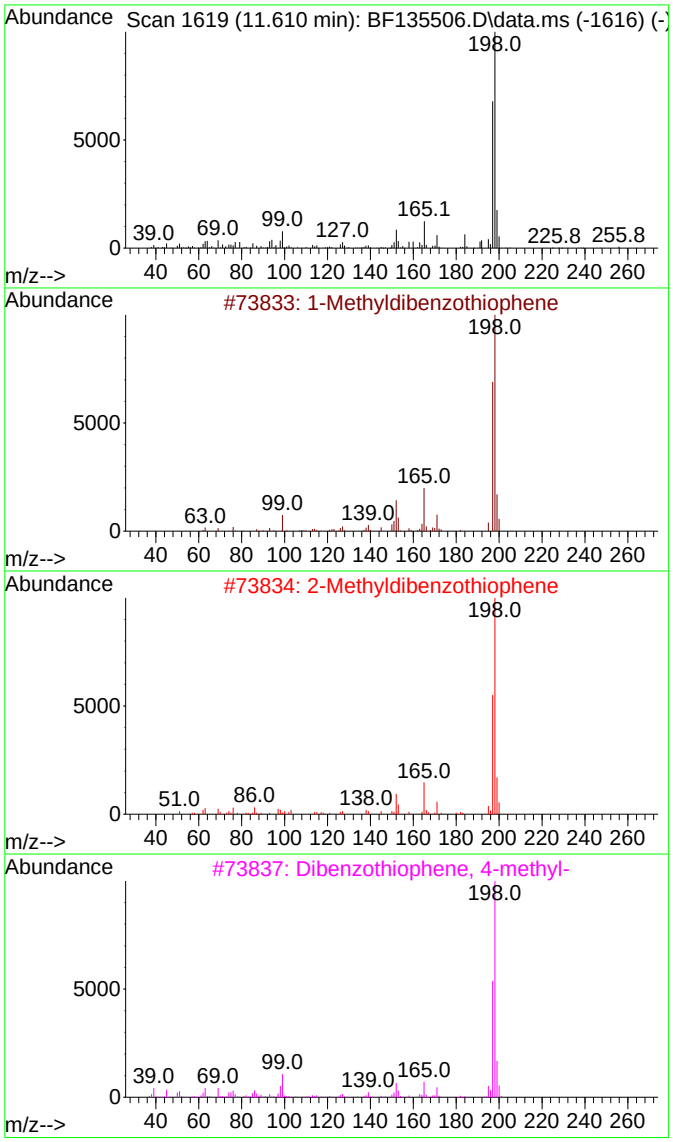
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

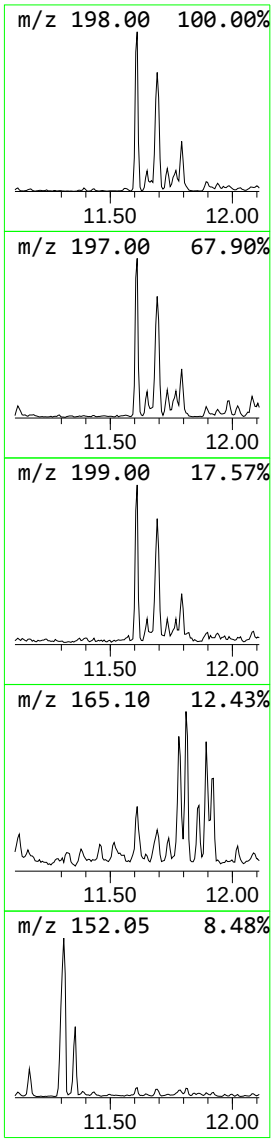
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Methyldibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	12.76 ng	615092	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90





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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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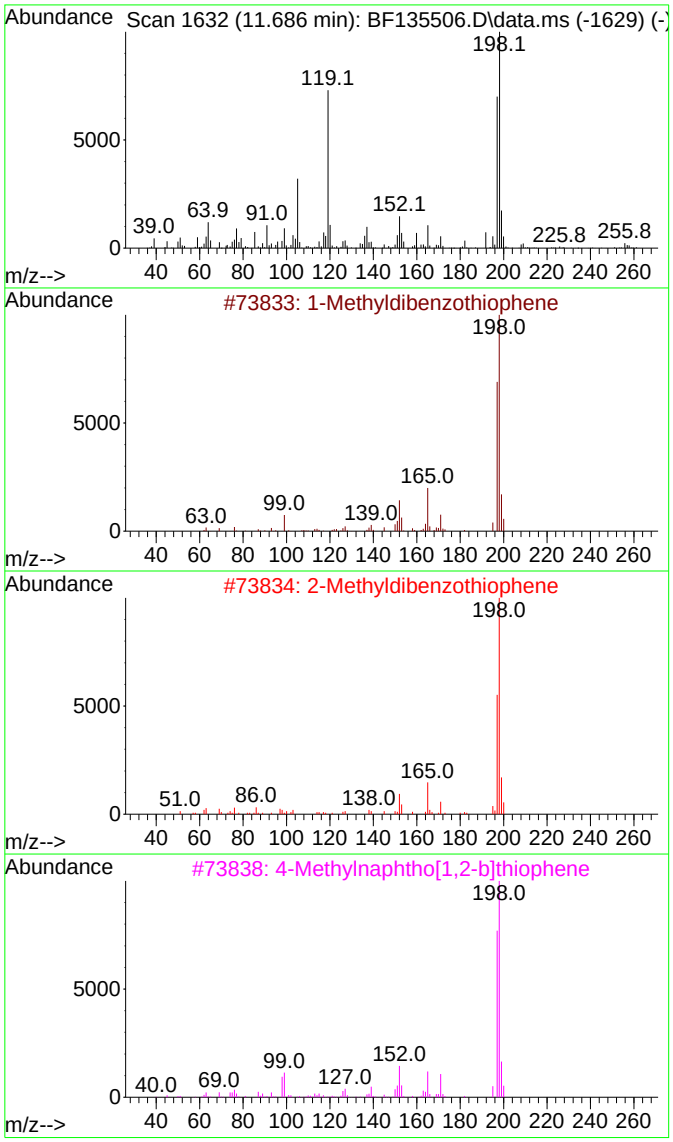
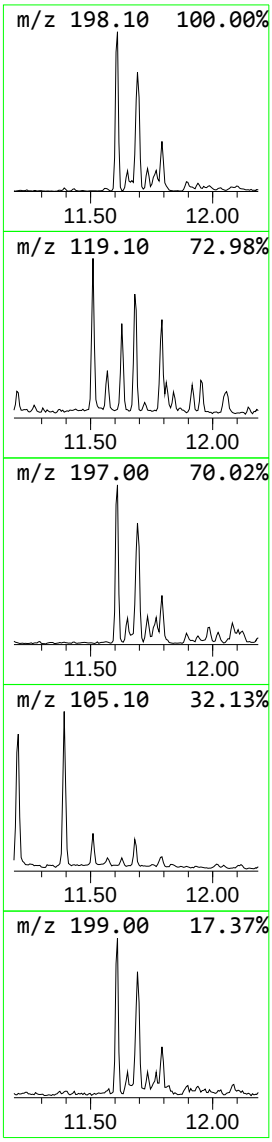
Peak Number 14 2-Methyldibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.686	12.31 ng	593296	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	78
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	78
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	78
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	60
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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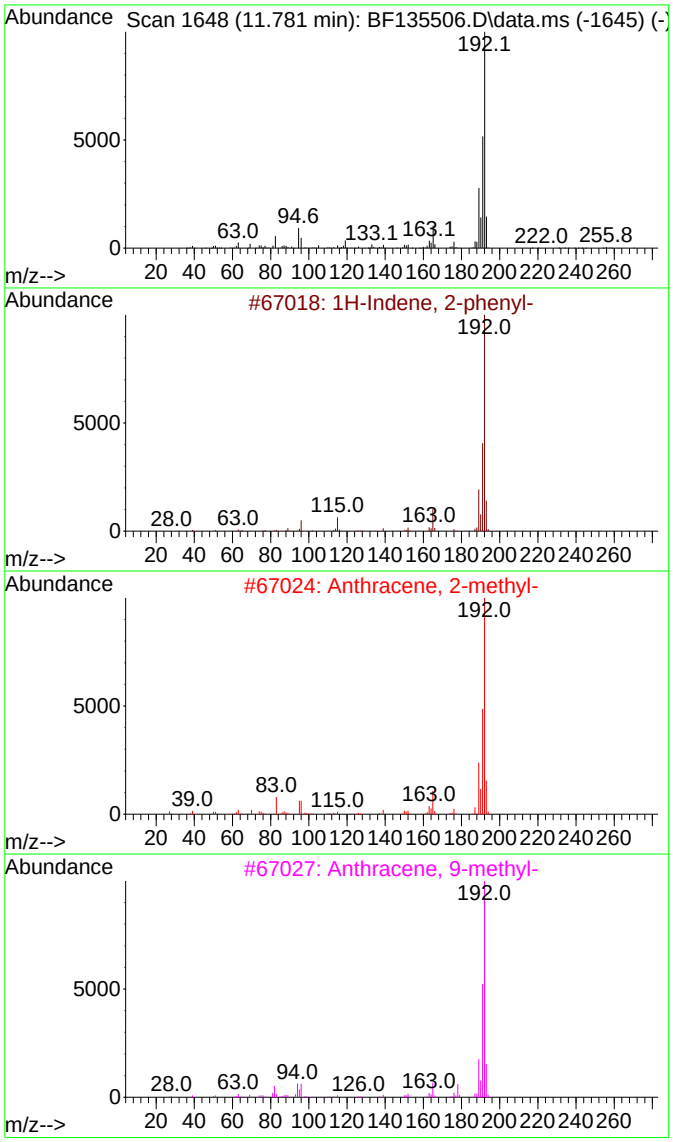
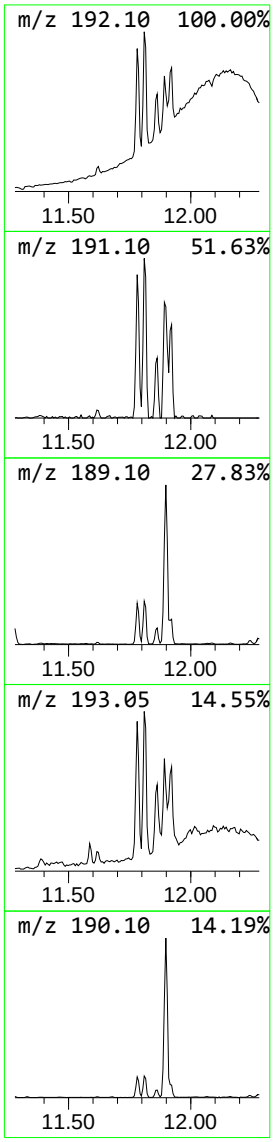
Peak Number 15 1H-Indene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.781	25.88 ng	1247670	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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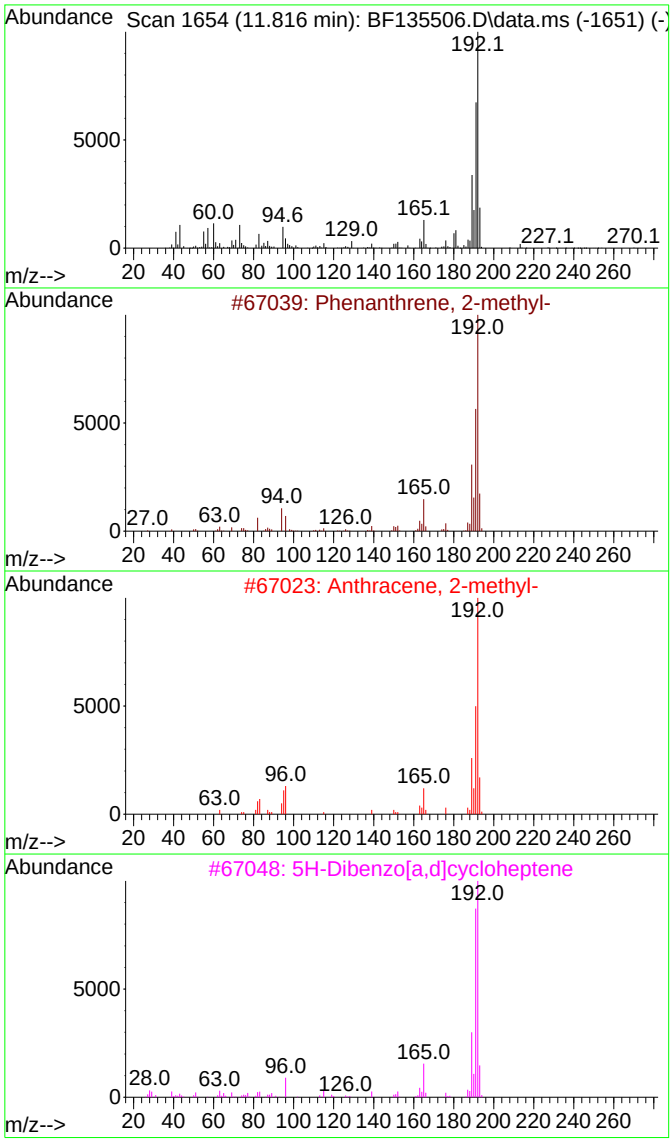
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

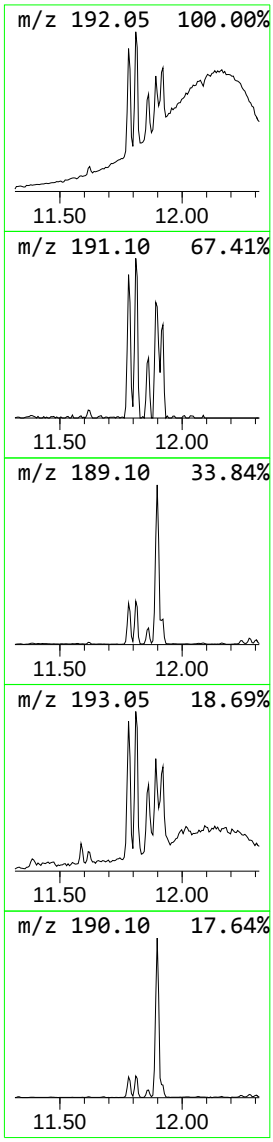
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.816	22.73 ng	1095890	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	89
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89





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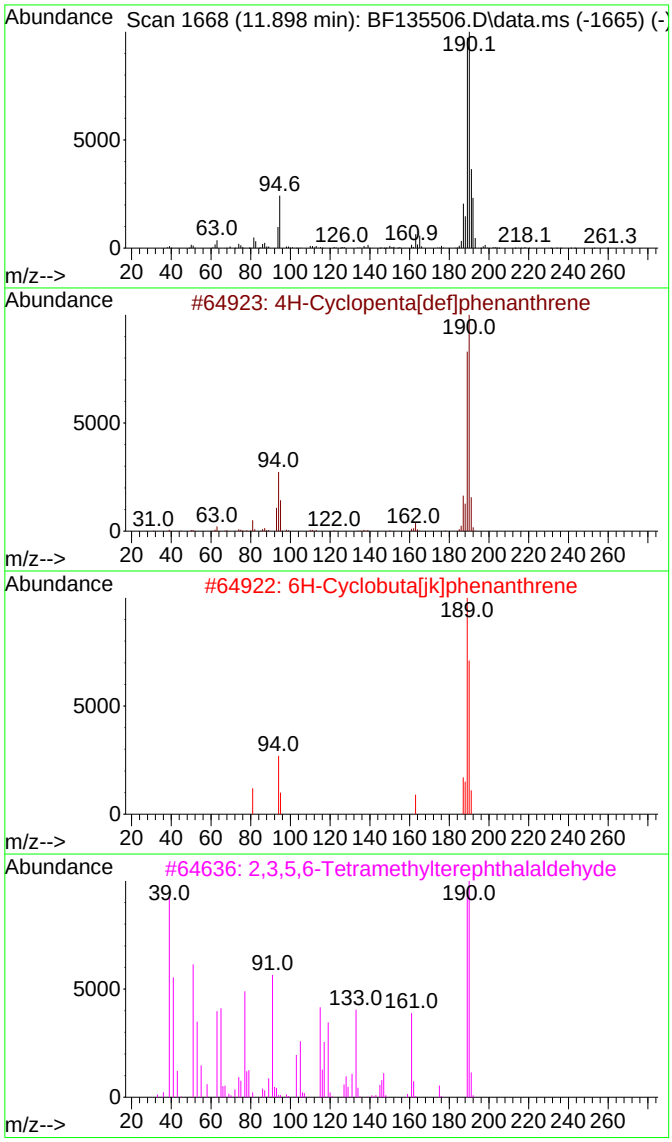
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

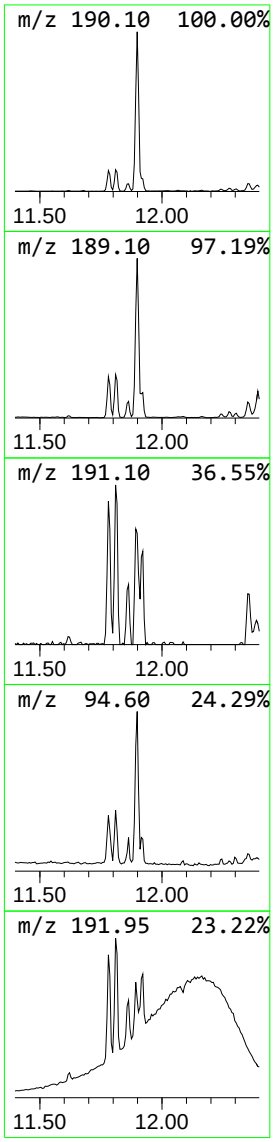
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	35.63 ng	1717820	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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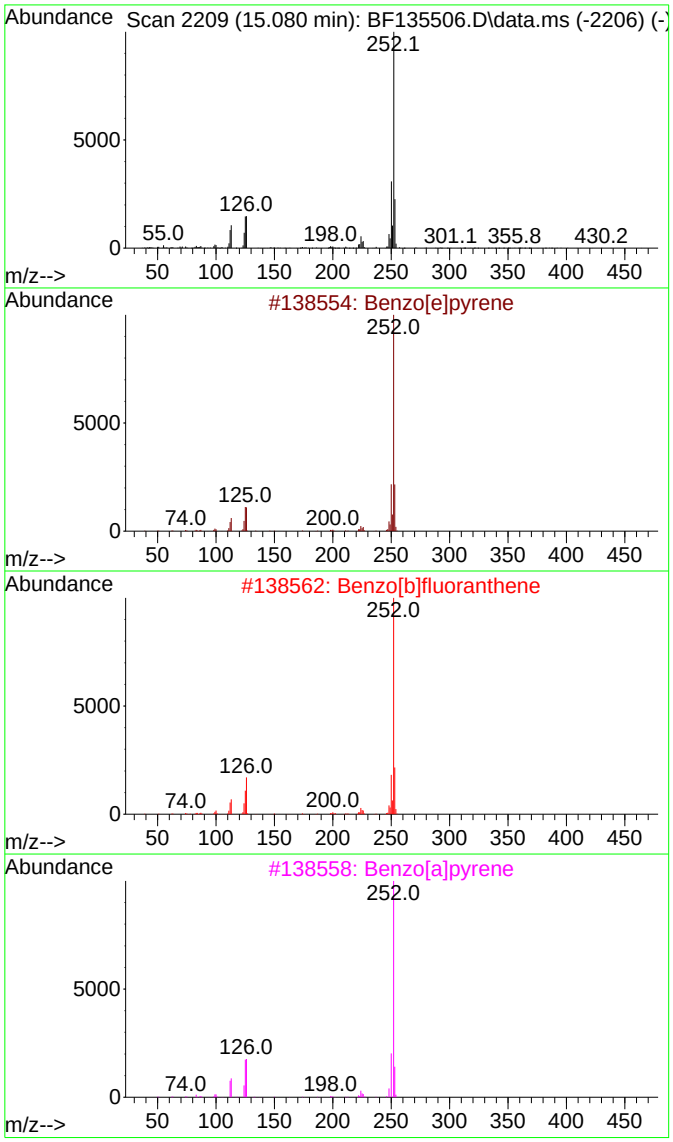
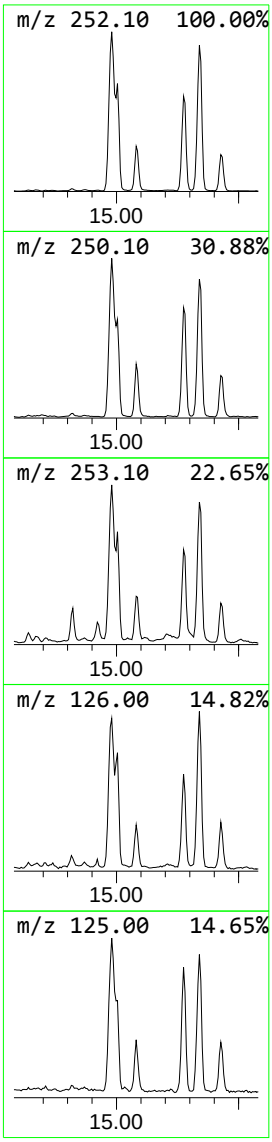
Peak Number 18 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	15.05 ng	497636	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135506.D
Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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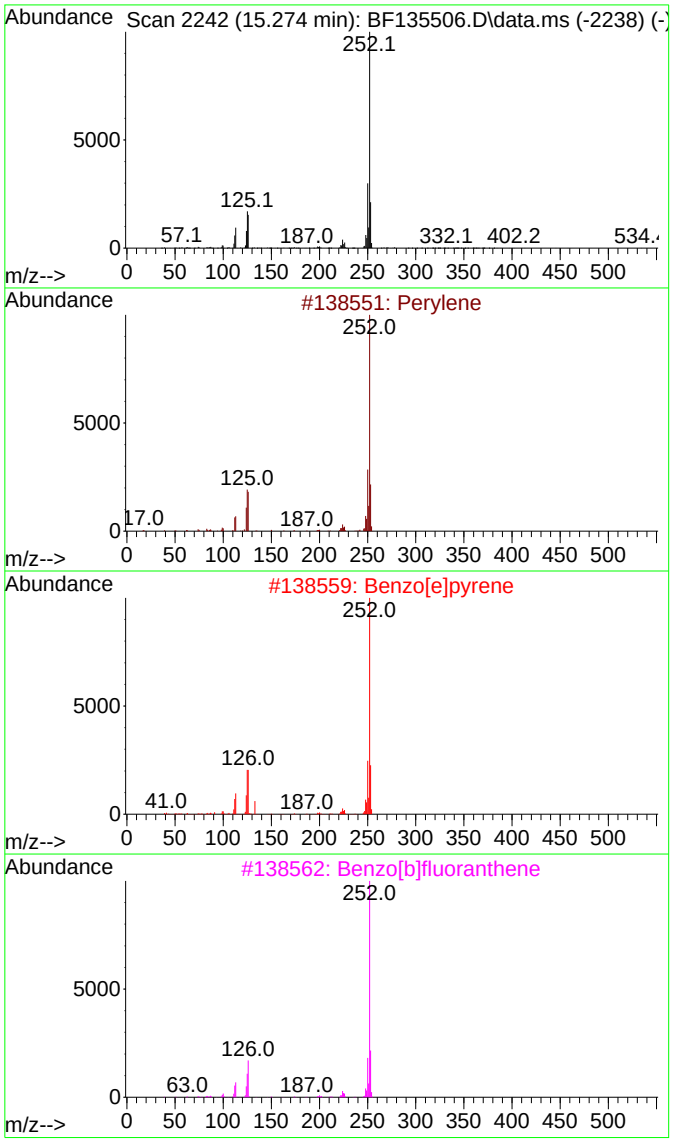
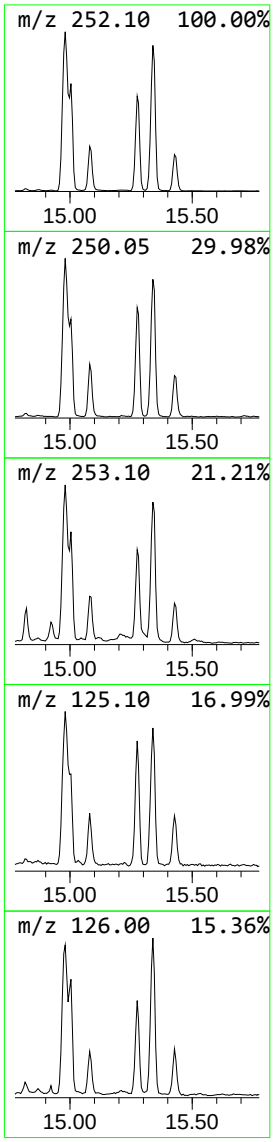
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	36.30 ng	1200160	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	99
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135506.D
Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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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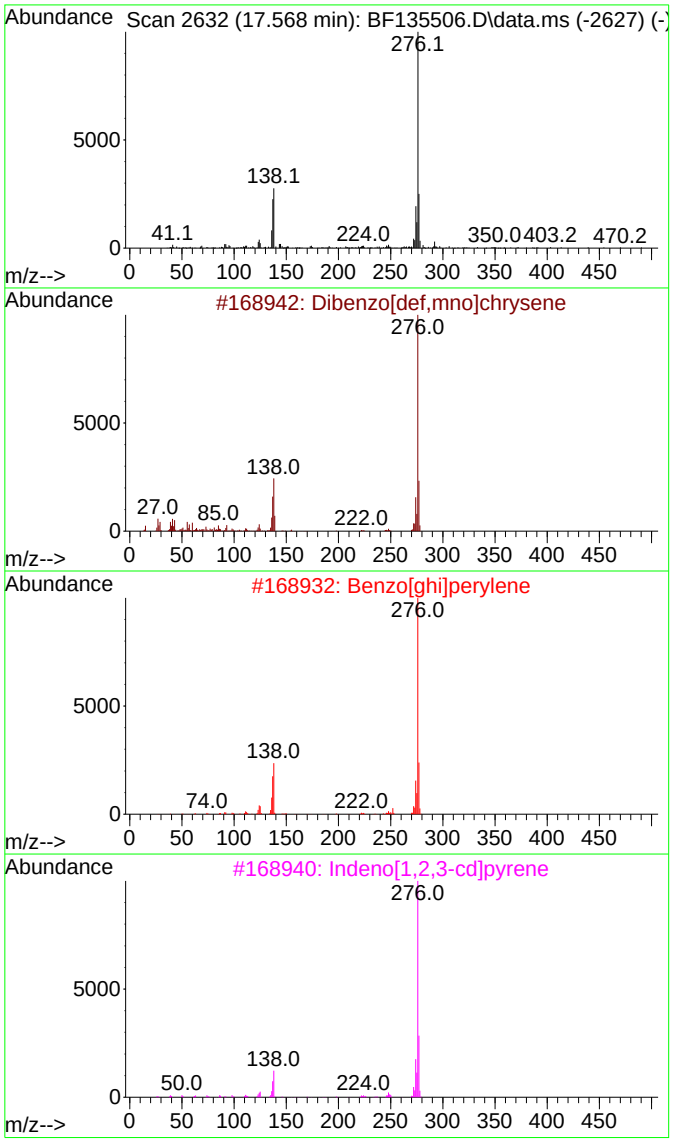
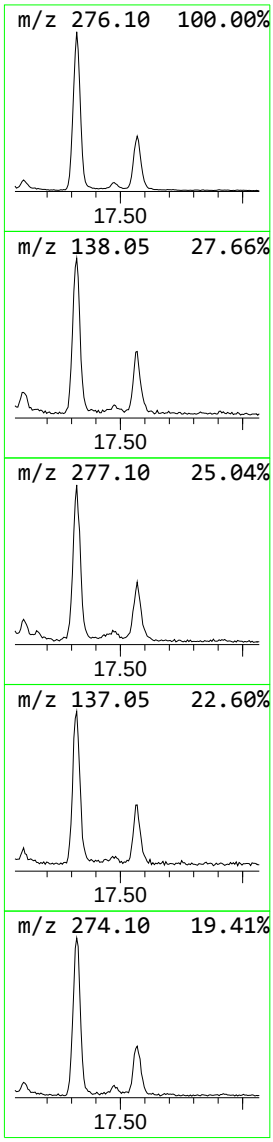
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.568	10.94 ng	361583	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	72
5	Phosphoric acid, 4-methoxy-2-(me...	276	C11H17O6P	094420-71-0	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092823\
Data File : BF135506.D
Acq On : 28 Sep 2023 21:41
Operator : CG\JU
Sample : 04622-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
I-1(0-5)

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
Benzene, 1-ethe...	6.587	24.6	ng	1014210	1	6.746	824781	20.0
Indene	7.004	25.8	ng	1065740	1	6.746	824781	20.0
Naphthalene, 1,...	9.375	34.3	ng	1317660	3	9.781	769173	20.0
Naphthalene, 2,...	9.439	34.5	ng	1326160	3	9.781	769173	20.0
Naphthalene, 1,...	9.463	12.7	ng	489264	3	9.781	769173	20.0
Naphthalene, 1,...	9.557	14.1	ng	542447	3	9.781	769173	20.0
[1,1'-Biphenyl]...	10.486	12.7	ng	487450	3	9.781	769173	20.0
Heptadecane	10.692	17.4	ng	840028	4	11.275	964317	20.0
9H-Fluorene, 3-...	10.881	13.3	ng	641334	4	11.275	964317	20.0
Dibenzothiophene	11.169	21.2	ng	1023410	4	11.275	964317	20.0
Naphthalene, 1-...	11.569	11.6	ng	558111	4	11.275	964317	20.0
1-Methyldibenzo...	11.610	12.8	ng	615092	4	11.275	964317	20.0
2-Methyldibenzo...	11.686	12.3	ng	593296	4	11.275	964317	20.0
1H-Indene, 2-ph...	11.781	25.9	ng	1247670	4	11.275	964317	20.0
Phenanthrene, 2...	11.816	22.7	ng	1095890	4	11.275	964317	20.0
4H-Cyclopenta[d...	11.898	35.6	ng	1717820	4	11.275	964317	20.0
Benzo[e]pyrene	15.080	15.1	ng	497636	6	15.398	661226	20.0
Perylene	15.274	36.3	ng	1200160	6	15.398	661226	20.0
Dibenzo[def,mno...	17.568	10.9	ng	361583	6	15.398	661226	20.0