LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125196.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.210	13	21	29	rVB	1038527	1332226	33.24%	2.981%
2	5.145	516	520	524	rVB2	44642	49122	1.23%	0.110%
3	5.534	580	586	589	rBV	3826794	3716512	92.74%	8.317%
4	6.534	751	756	760	rBV	3213034	3681494	91.86%	8.238%
5	6.916	817	821	824	rVB	1058689	901728	22.50%	2.018%
6	7.475	911	916	919	rBV	2545169	2396351	59.79%	5.363%
7	8.092	1018	1021	1035	rBV	414023	480110	11.98%	1.074%
8	8.198	1035	1039	1042	rBV	1350768	1149188	28.68%	2.572%
9	8.910	1157	1160	1163	rBV	93198	80658	2.01%	0.180%
10	9.004	1171	1176	1180	rBV	263116	229743	5.73%	0.514%
11	9.269	1217	1221	1225	rBV	4368098	4007613	100.00%	8.968%
12	9.463	1252	1254	1259	rVB	44816	54409	1.36%	0.122%
13	9.533	1261	1266	1270	rBV	161081	220740	5.51%	0.494%
14	9.604	1275	1278	1281	rBV	265832	275746	6.88%	0.617%
15	9.633	1281	1283	1286	rVB	173250	128184	3.20%	0.287%
16	9.722	1295	1298	1300	rBV	135334	119982	2.99%	0.268%
17	9.810	1307	1313	1317	rBV	187181	173844	4.34%	0.389%
18	9.951	1330	1337	1340	rBV	1569577	1269987	31.69%	2.842%
19	9.980	1340	1342	1345	rVB2	216240	181953	4.54%	0.407%
20	10.051	1351	1354	1359	rBV2	60965	80393	2.01%	0.180%
21	10.104	1359	1363	1365	rVV2	42814	59131	1.48%	0.132%
22	10.151	1367	1371	1375	rVV2	166087	167905	4.19%	0.376%
23	10.192	1375	1378	1382	rVV	102581	94932	2.37%	0.212%
24	10.263	1386	1390	1393	rVV2	96977	103387	2.58%	0.231%
25	10.292	1393	1395	1398	rVV	75268	60328	1.51%	0.135%
26	10.357	1402	1406	1407	rBV2	72520	95227	2.38%	0.213%
27	10.374	1407	1409	1411	rVB	80186	56469	1.41%	0.126%
28	10.498	1426	1430	1435	rVB2	397872	361729	9.03%	0.809%
29	10.563	1435	1441	1443	rBV3	92084	126281	3.15%	0.283%
30	10.580	1443	1444	1447	rVV2	72531	58009	1.45%	0.130%
31	10.651	1451	1456	1462	rVB4	80775	120011	2.99%	0.269%
32	10.739	1462	1471	1474	rBV	2893553	2476274	61.79%	5.541%
33	10.863	1487	1492	1495	rBV3	109889	126287	3.15%	0.283%
34	10.916	1498	1501	1504	rBV	125176	159306	3.98%	0.356%
35	10.951	1504	1507	1510	rVV3	134646	199186	4.97%	0.446%
36	10.986	1510	1513	1515	rVV	127849	149661	3.73%	0.335%

LSC Area Percent Report

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Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

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-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.045	1519	1523	1525	rVV2	190272	258832	6.46%	0.579%
38	11.069	1525	1527	1530	rVV2	141191	178693	4.46%	0.400%
39	11.098	1530	1532	1535	rVV3	144608	181692	4.53%	0.407%
40	11.133	1535	1538	1541	rVV2	190736	232613	5.80%	0.521%
41	11.174	1543	1545	1553	rVV3	108884	188332	4.70%	0.421%
42	11.245	1553	1557	1560	rVV4	42738	50641	1.26%	0.113%
43	11.292	1561	1565	1568	rVV3	35242	56863	1.42%	0.127%
44	11.333	1569	1572	1577	rVB	135600	125957	3.14%	0.282%
45	11.439	1586	1590	1592	rBV	1215523	1087876	27.15%	2.434%
46	11.463	1592	1594	1597	rVV	1394494	1012912	25.27%	2.267%
47	11.510	1600	1602	1605	rVB	358684	293866	7.33%	0.658%
48	11.551	1605	1609	1611	rBV2	56951	71139	1.78%	0.159%
49	11.669	1626	1629	1635	rBV3	33841	68815	1.72%	0.154%
50	11.733	1637	1640	1644	rVV3	76700	86131	2.15%	0.193%
51	11.769	1644	1646	1649	rVV2	105210	90357	2.25%	0.202%
52	11.827	1652	1656	1658	rVV	80621	78830	1.97%	0.176%
53	11.851	1658	1660	1664	rVB	58900	61285	1.53%	0.137%
54	11.939	1669	1675	1677	rVV	391442	427960	10.68%	0.958%
55	11.968	1677	1680	1683	rVV	484143	499273	12.46%	1.117%
56	12.016	1685	1688	1690	rVV	166989	151565	3.78%	0.339%
57	12.051	1690	1694	1696	rVV2	477713	528087	13.18%	1.182%
58	12.074	1696	1698	1702	rVB	277208	223544	5.58%	0.500%
59	12.233	1722	1725	1727	rBV	192932	147539	3.68%	0.330%
60	12.257	1727	1729	1732	rVB2	47020	52296	1.30%	0.117%
61	12.380	1749	1750	1753	rVB2	82718	59277	1.48%	0.133%
62	12.416	1753	1756	1758	rBV	109599	87956	2.19%	0.197%
63	12.439	1758	1760	1763	rVB	86037	66179	1.65%	0.148%
64	12.492	1765	1769	1771	rBV	246939	269585	6.73%	0.603%
65	12.527	1771	1775	1780	rVB2	194515	293323	7.32%	0.656%
66	12.574	1780	1783	1788	rBV2	115455	184208	4.60%	0.412%
67	12.651	1792	1796	1799	rBV	946810	755211	18.84%	1.690%
68	12.692	1801	1803	1805	rVV	58131	53624	1.34%	0.120%
69	12.745	1809	1812	1815	rVB3	104513	105837	2.64%	0.237%
70	12.804	1820	1822	1825	rVV2	55275	51447	1.28%	0.115%
71	12.880	1829	1835	1838	rBV	1179813	1155311	28.83%	2.585%
72	12.933	1842	1844	1848	rVB3	126718	143205	3.57%	0.320%
73	13.027	1855	1860	1863	rBV	3353527	3123777	77.95%	6.990%
74	13.098	1868	1872	1879	rVB3	158499	255251	6.37%	0.571%
75	13.157	1879	1882	1884	rBV3	60118	69522	1.73%	0.156%
76	13.210	1884	1891	1894	rVB	302595	436134	10.88%	0.976%

LSC Area Percent Report

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Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.251	1894	1898	1899	rBV3	39841	48953	1.22%	0.110%
78	13.274	1899	1902	1905	rVV	244431	190723	4.76%	0.427%
79	13.315	1905	1909	1911	rVV	247417	245806	6.13%	0.550%
80	13.339	1911	1913	1916	rVB4	47283	46943	1.17%	0.105%
81	13.404	1921	1924	1927	rVV	184992	148756	3.71%	0.333%
82	13.439	1927	1930	1932	rVB	186417	168372	4.20%	0.377%
83	13.692	1971	1973	1975	rBV2	53667	58597	1.46%	0.131%
84	13.833	1991	1997	1999	rBV3	107468	174868	4.36%	0.391%
85	13.857	1999	2001	2003	rVV	117638	89208	2.23%	0.200%
86	13.880	2003	2005	2008	rVB2	66465	56515	1.41%	0.126%
87	14.080	2034	2039	2041	rBV2	1130603	1428373	35.64%	3.196%
88	14.104	2041	2043	2048	rVB	605023	534415	13.33%	1.196%
89	14.186	2055	2057	2059	rBV	58821	52526	1.31%	0.118%
90	14.427	2096	2098	2100	rBV	81884	65549	1.64%	0.147%
91	14.468	2100	2105	2108	rVV	237323	312680	7.80%	0.700%
92	14.498	2108	2110	2113	rVB	179637	148195	3.70%	0.332%
93	14.592	2123	2126	2128	rBV	164241	157026	3.92%	0.351%
94	15.133	2214	2218	2227	rBV	362769	755995	18.86%	1.692%
95	15.245	2235	2237	2242	rVB	108407	113016	2.82%	0.253%
96	15.451	2268	2272	2277	rVB	265842	352696	8.80%	0.789%
97	15.515	2279	2283	2289	rVB	371074	466114	11.63%	1.043%
98	15.580	2290	2294	2297	rBV2	707964	862762	21.53%	1.931%

Sum of corrected areas: 44687139

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Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
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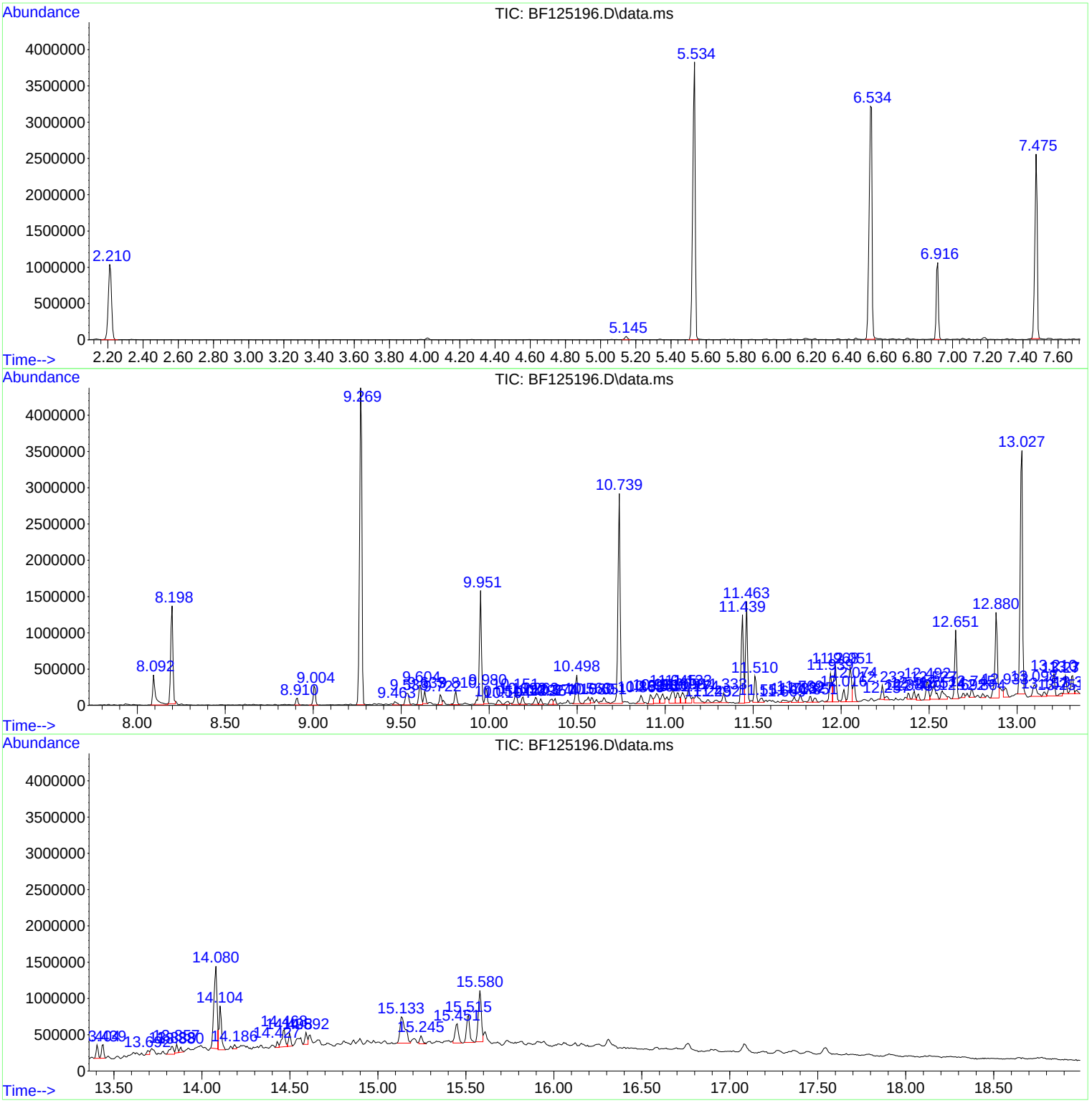
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
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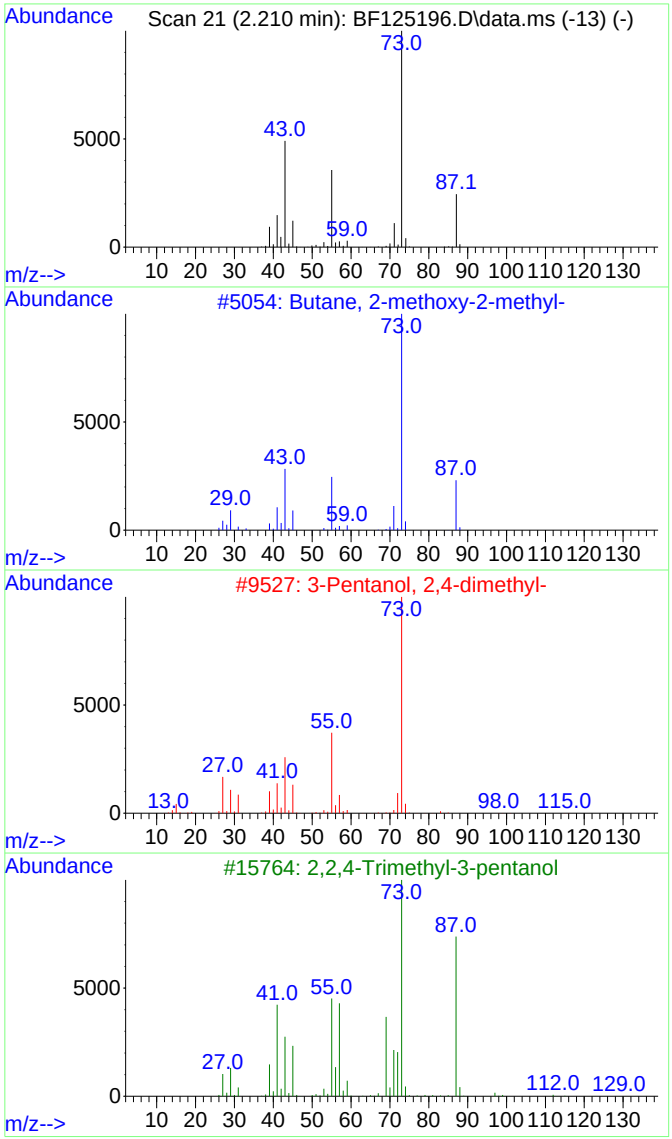
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

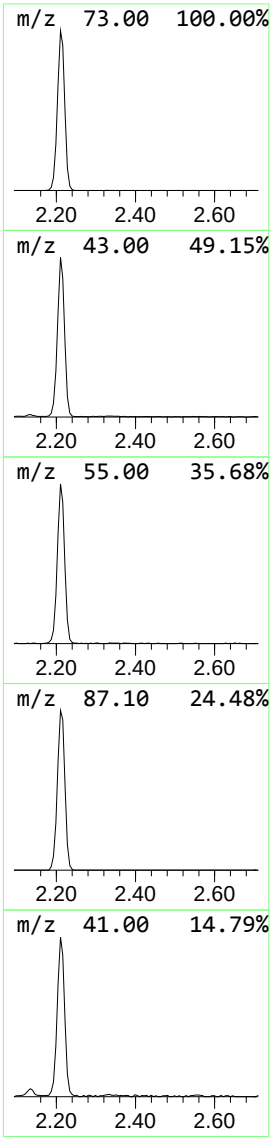
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.210	29.55 ng	1332230	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

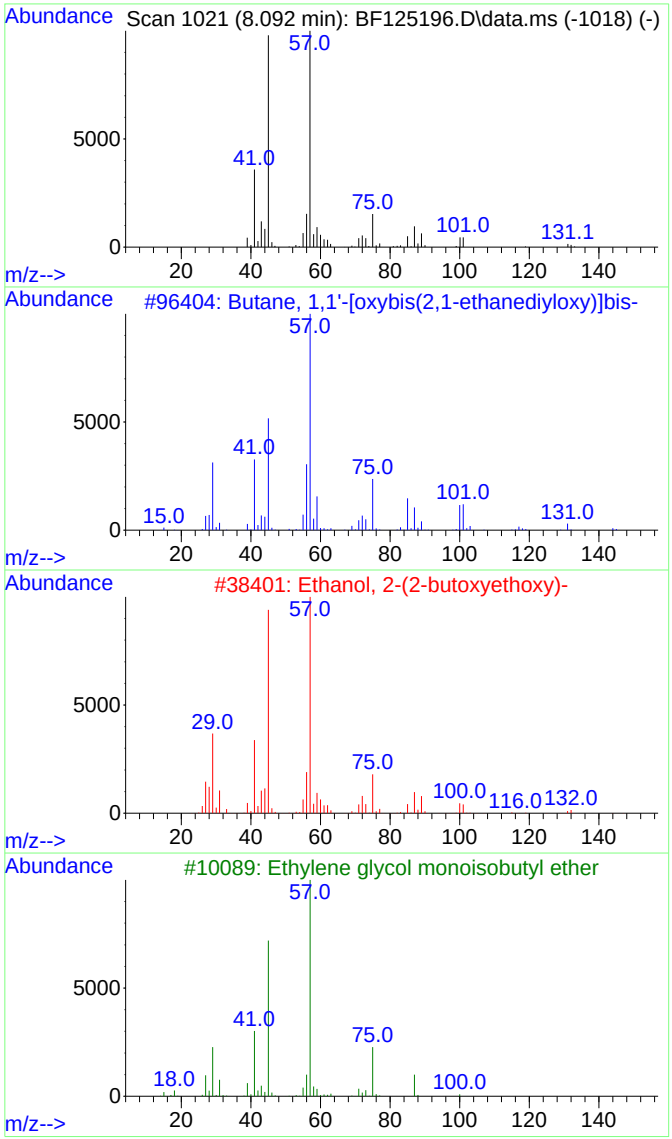
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

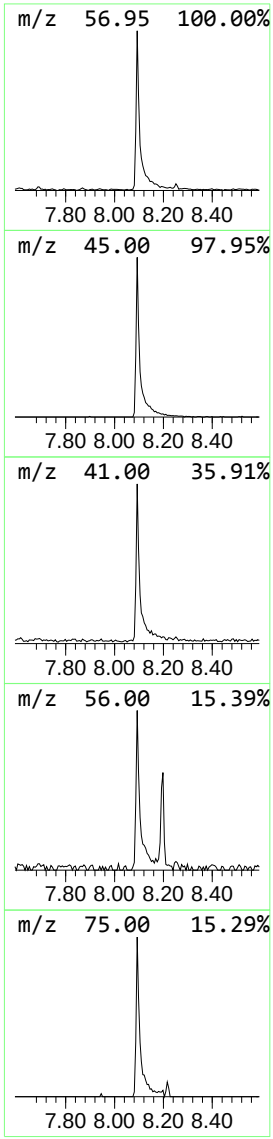
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 1,1'-[oxybis(2,1-et... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.092	8.36 ng	480110	Naphthalene-d8	8.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

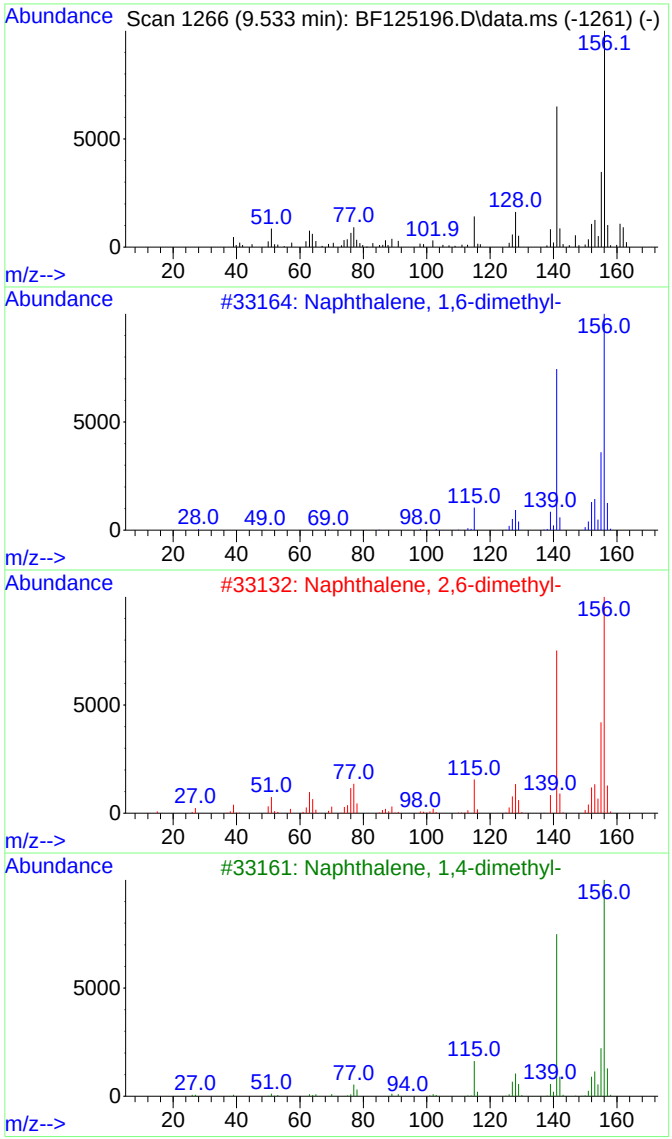
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

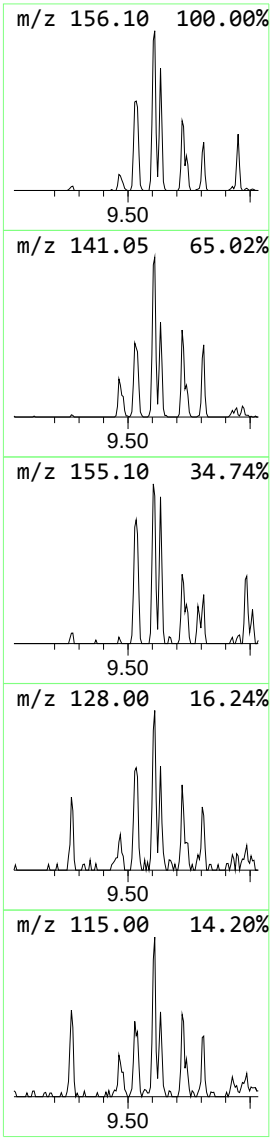
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	3.48 ng	220740	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

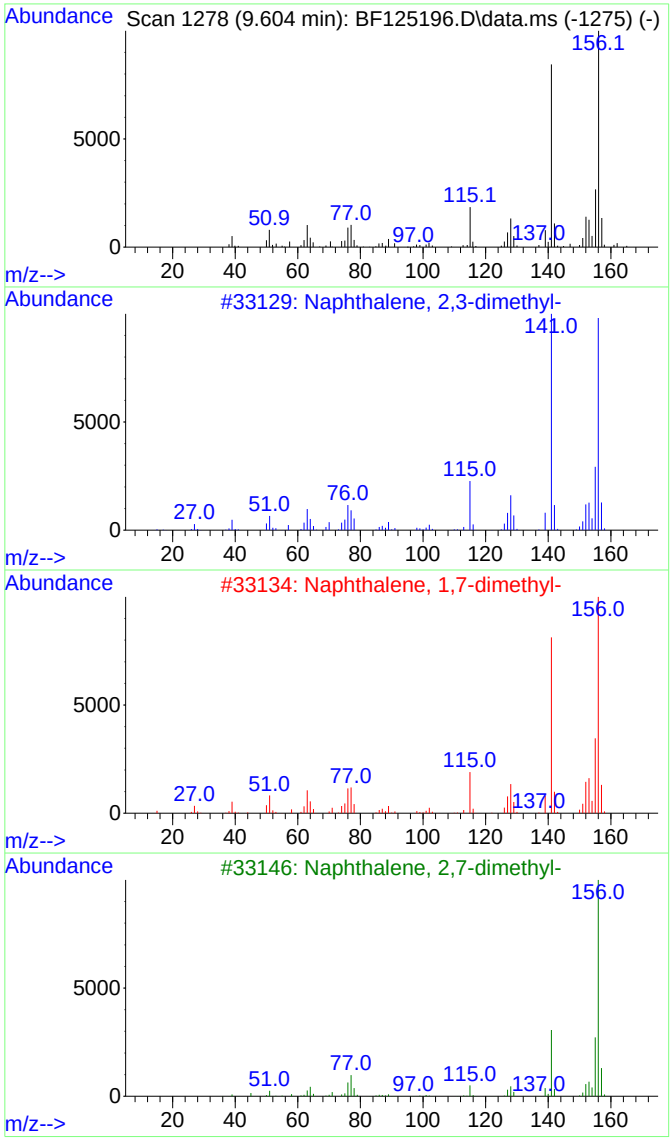
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

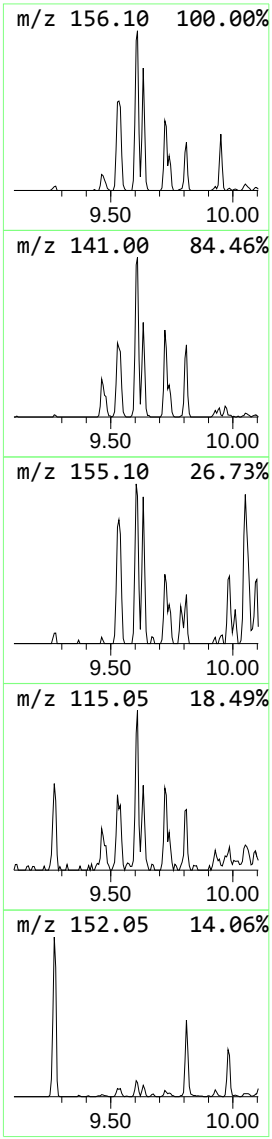
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	4.34 ng	275746	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

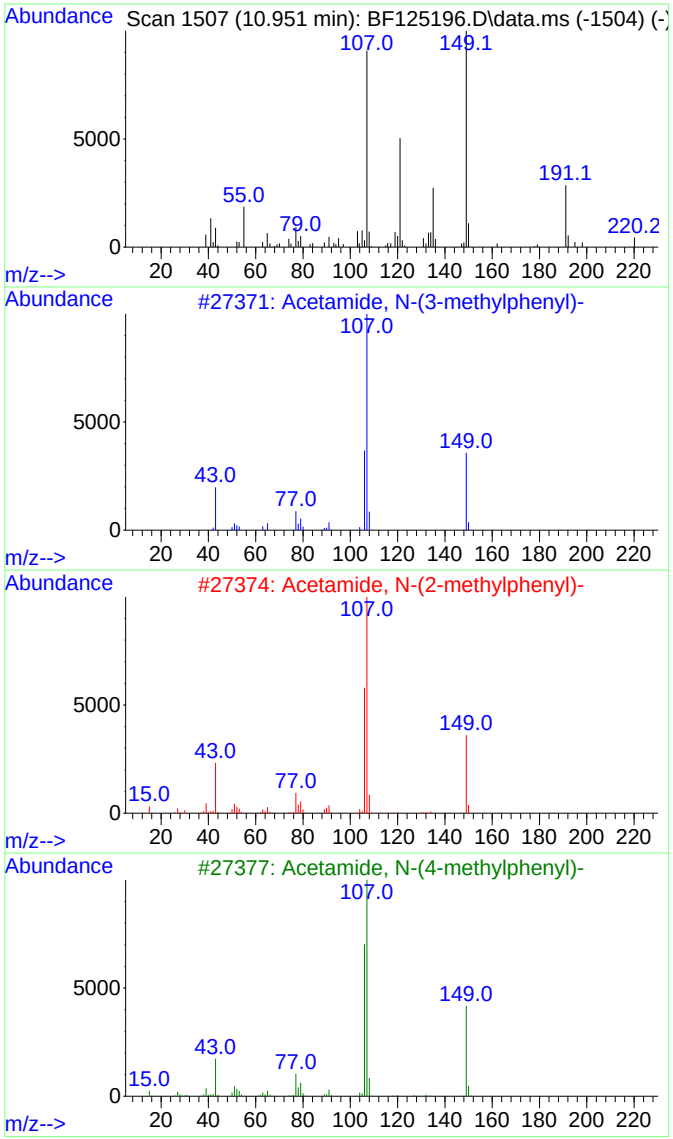
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

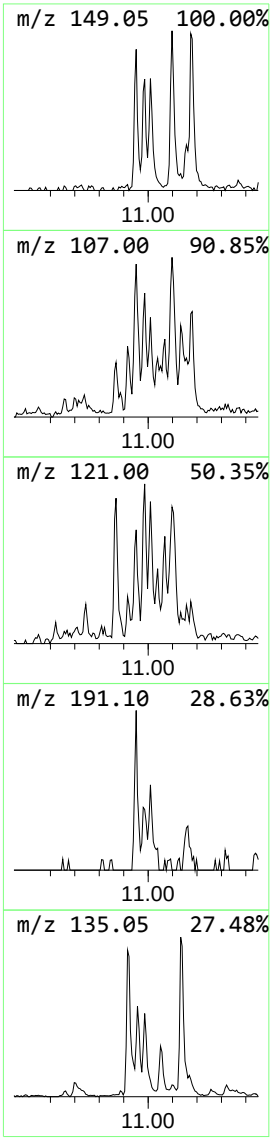
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Acetamide, N-(3-methylphenyl)- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.951	3.66 ng	199186	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	62
2	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	58
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	46
4	1,2-propanedione,1-(3,4-methylen...	192	C10H8O4	1000378-93-0	38
5	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38





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Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

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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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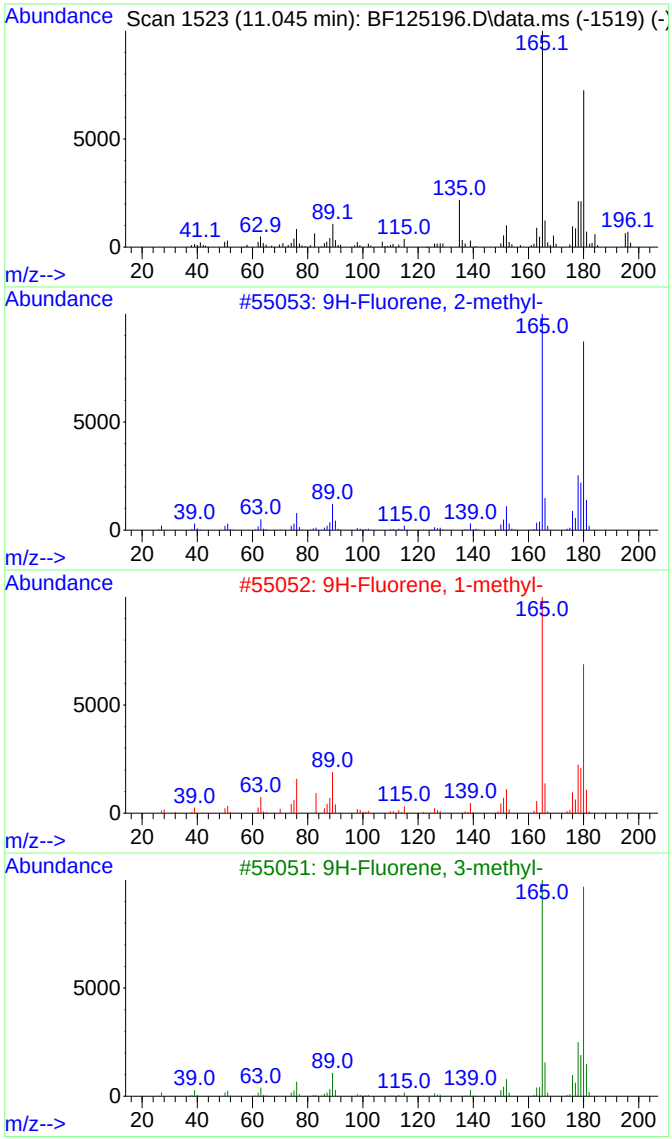
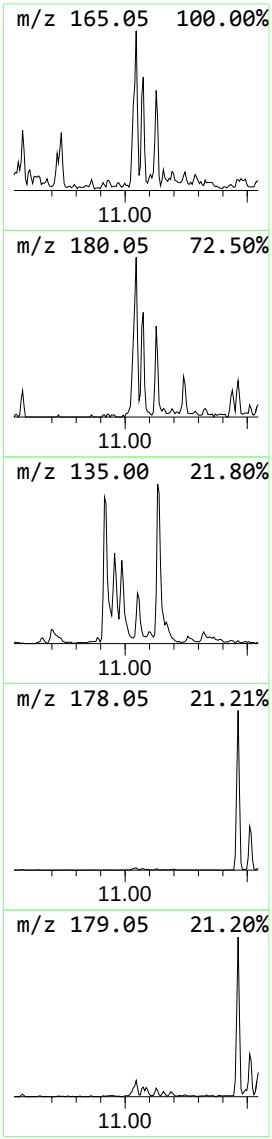
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.045	4.76 ng	258832	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	53





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Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

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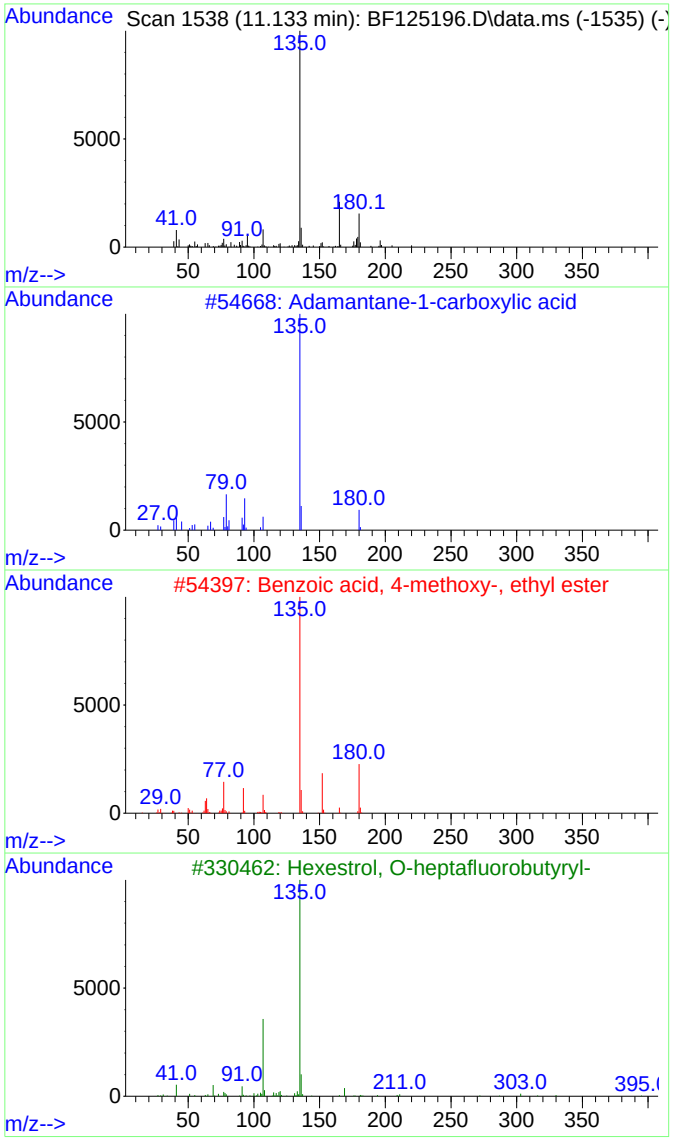
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

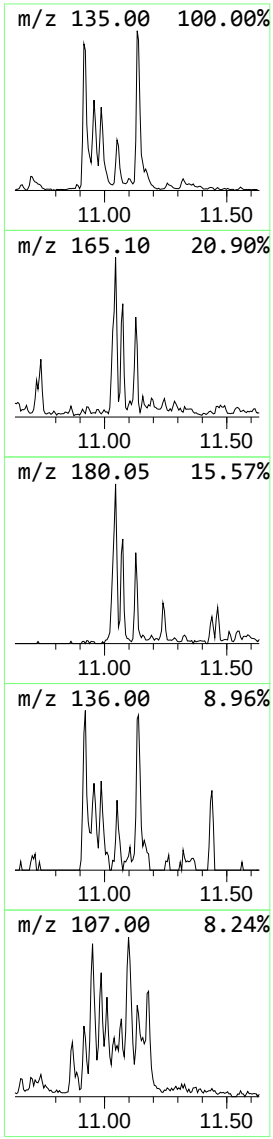
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Adamantane-1-carboxylic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.133	4.28 ng	232613	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane-1-carboxylic acid	180	C11H16O2	000828-51-3	53
2	Benzoic acid, 4-methoxy-, ethyl ...	180	C10H12O3	000094-30-4	53
3	Hexestrol, O-heptafluorobutyryl-	466	C22H21F7O3	1000365-31-9	50
4	3,4-Methylenedioxyphenylacetic acid	180	C9H8O4	002861-28-1	50
5	p-Methoxybenzoic acid, 3,5-diflu...	264	C14H10F2O3	1010292-64-7	50





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Misc :
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Instrument :
BNA_F
ClientSampleId :
130-B

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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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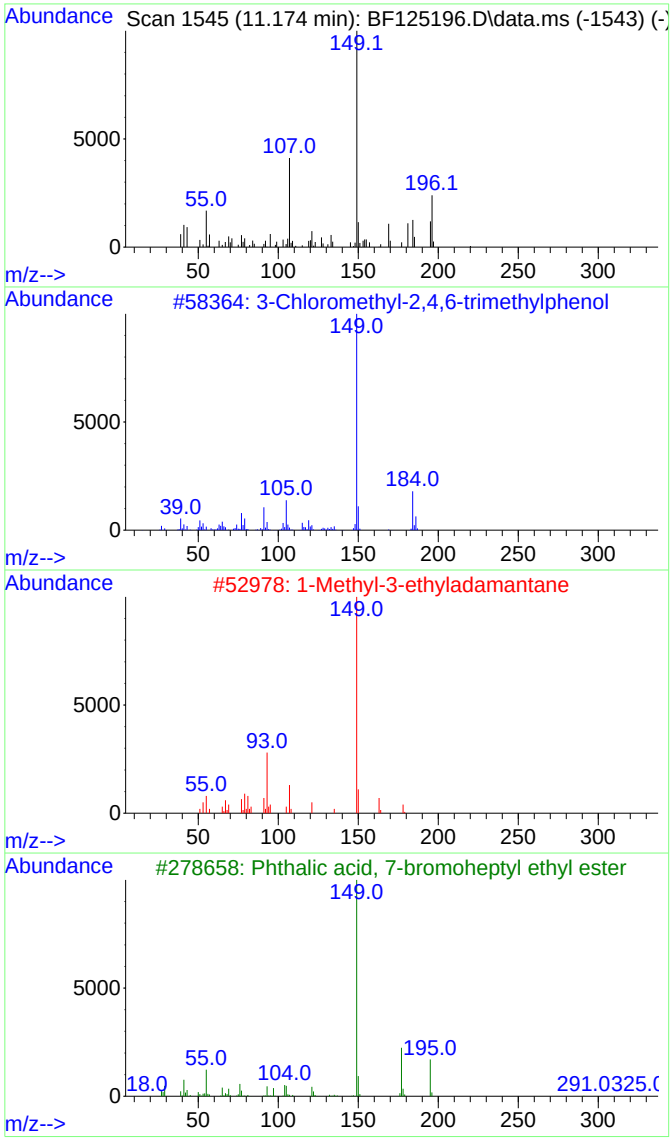
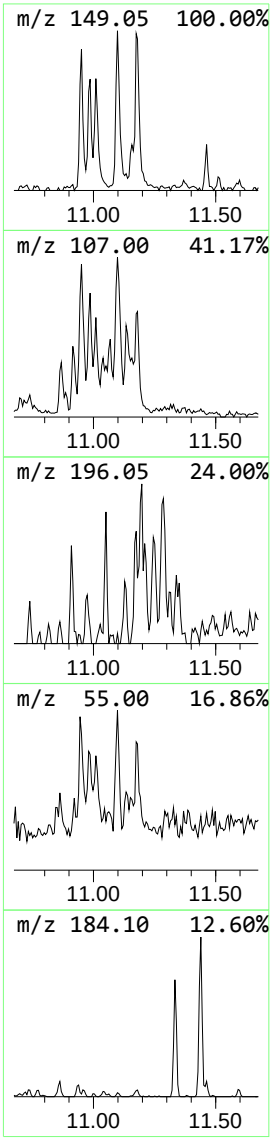
Peak Number 8 unknown11.174 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.174	3.46 ng	188332	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloromethyl-2,4,6-trimethylph...	184	C10H13ClO	099187-90-3	43
2	1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	38
3	Phthalic acid, 7-bromoheptyl eth...	370	C17H23BrO4	1000415-51-6	38
4	Phthalic acid, pentyl tridec-2-y...	414	C26H38O4	1000315-43-8	35
5	2-tert-Butyl-6-methylphenol, n-p...	206	C14H22O	1000395-19-2	35





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Sample : M3507-02
Misc :
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Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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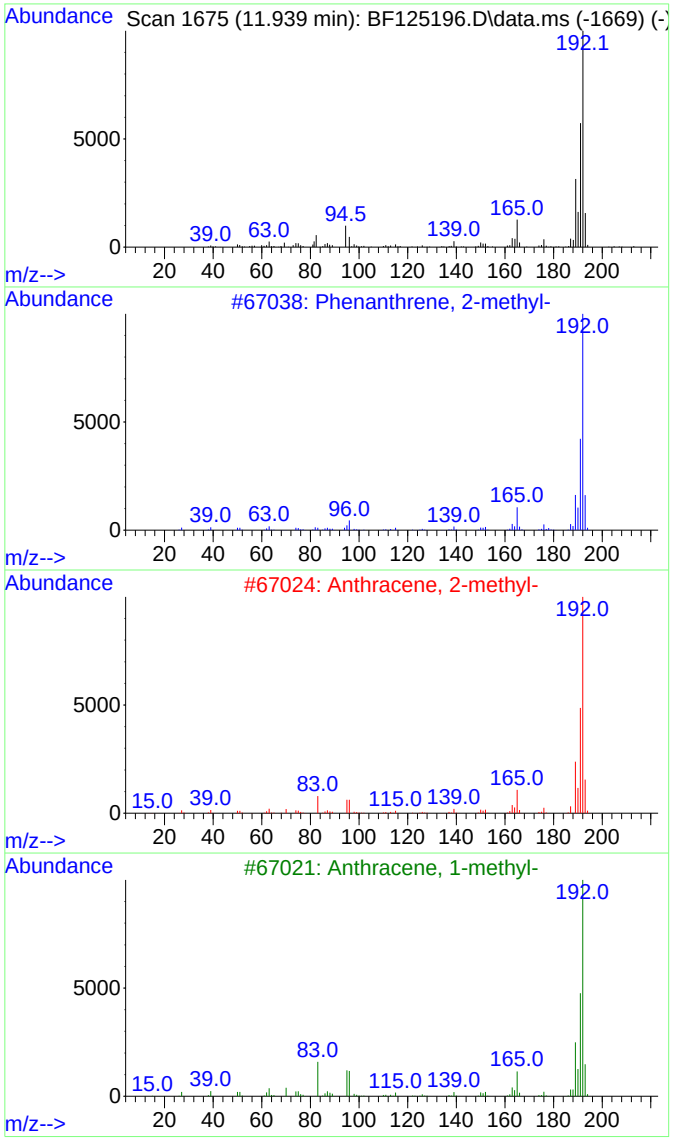
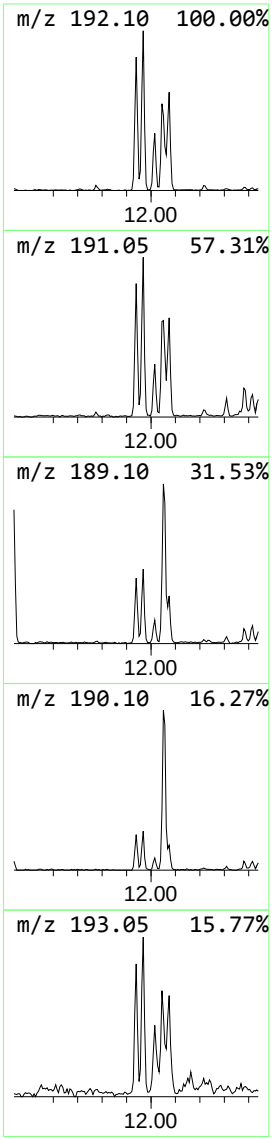
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	7.87 ng	427960	Phenanthrene-d10	11.439

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





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Instrument : BNA_F
ClientSampleId : 130-B

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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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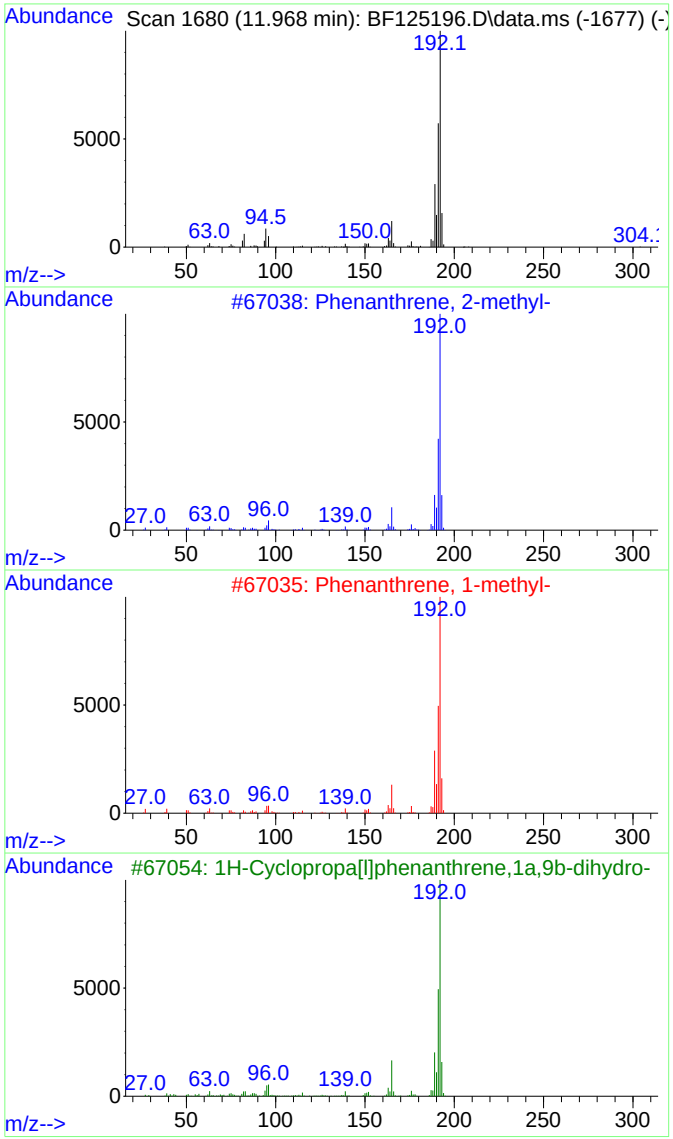
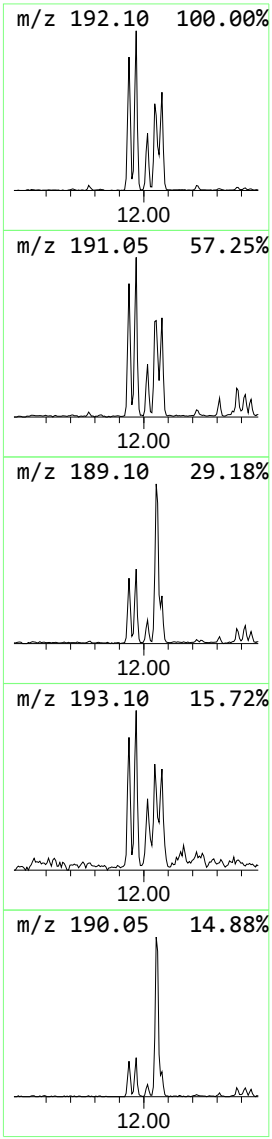
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.969	9.18 ng	499273	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Misc :
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Instrument : BNA_F
ClientSampleId : 130-B

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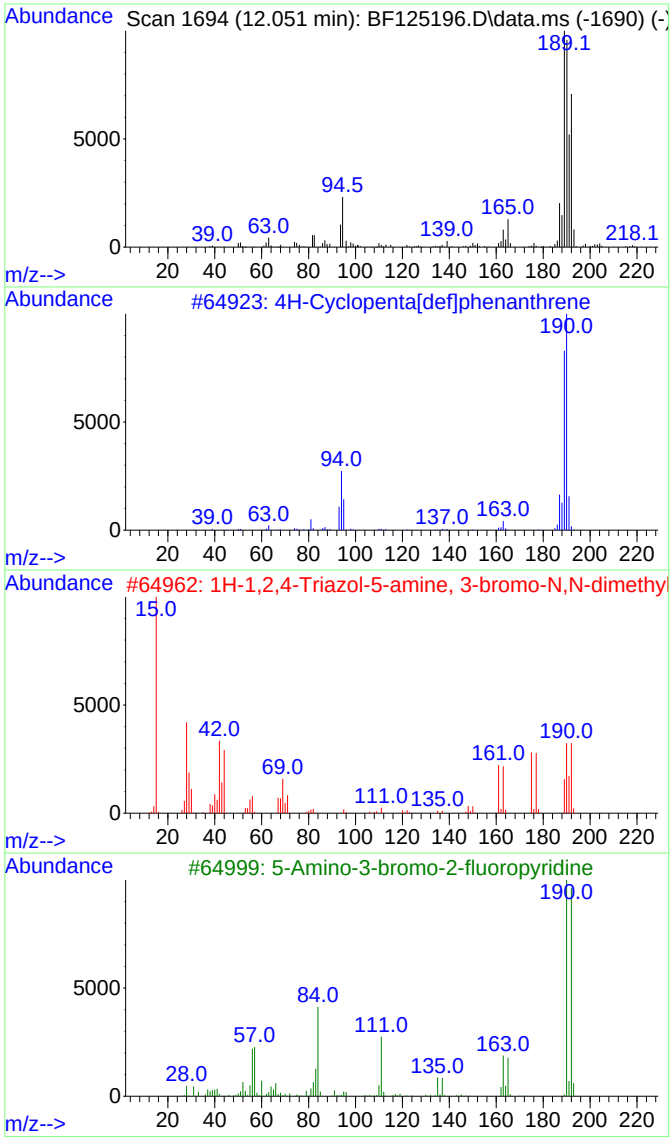
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

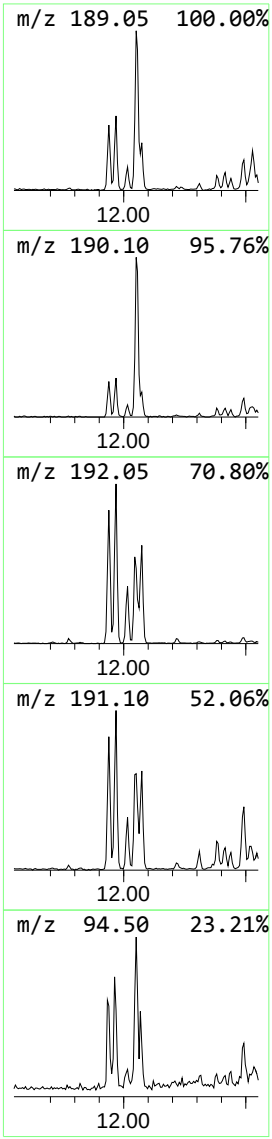
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.051	9.71 ng	528087	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
3	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	35
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





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Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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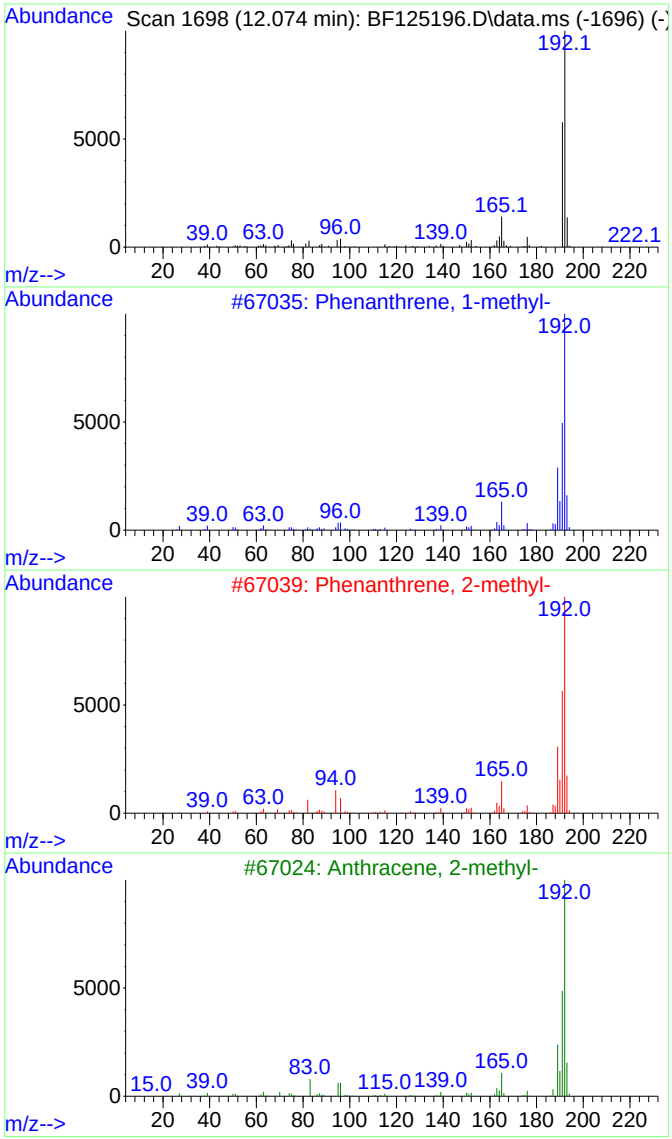
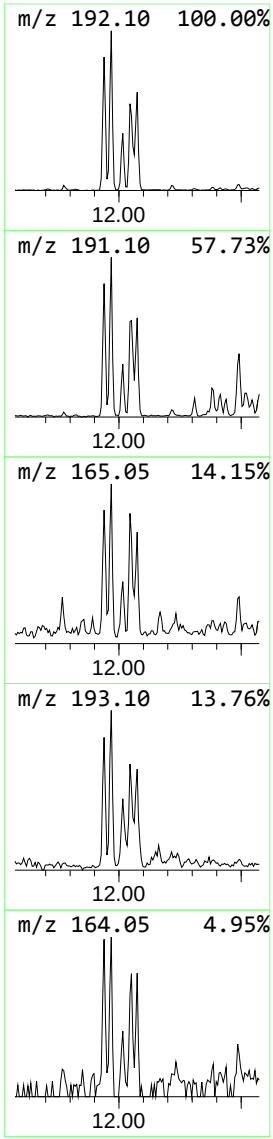
Peak Number 12 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	4.11 ng	223544	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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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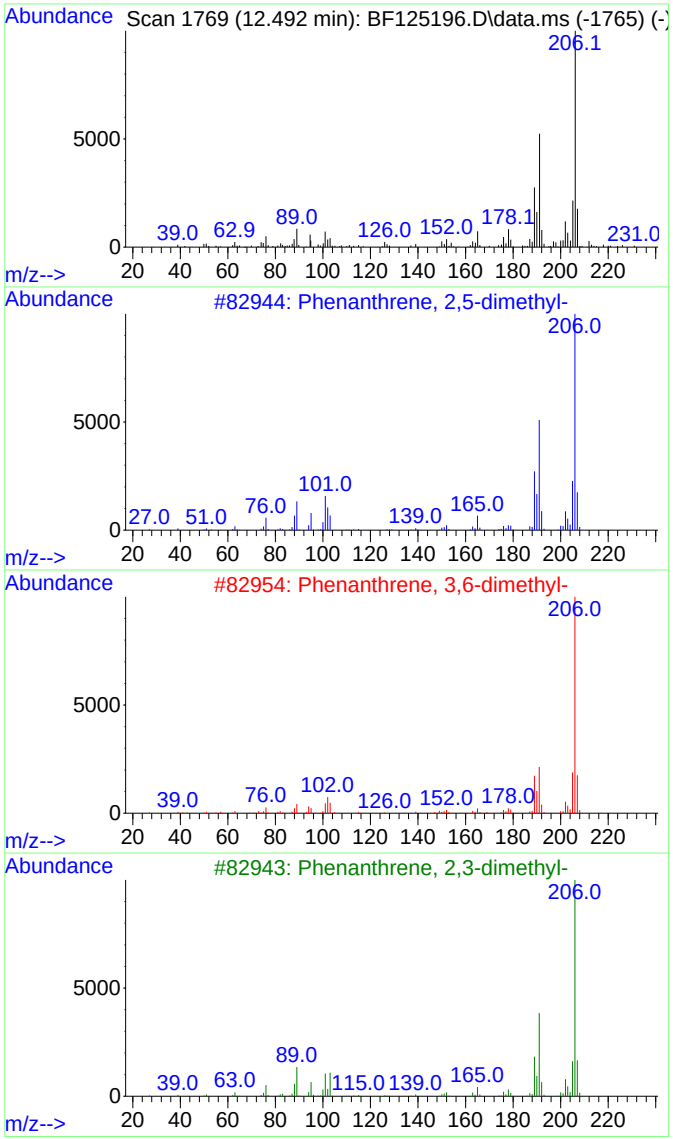
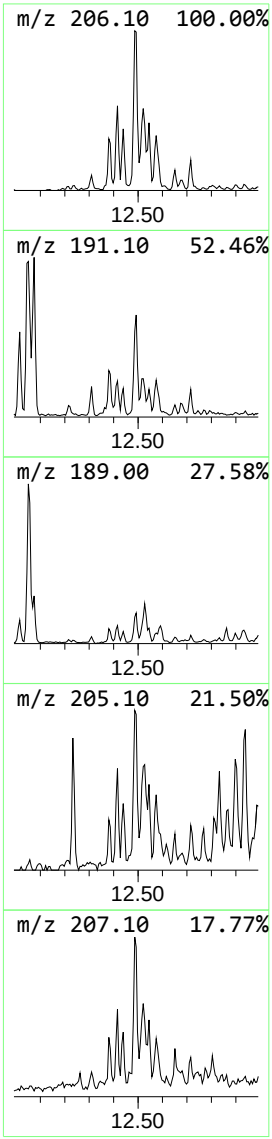
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.492	4.96 ng	269585	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Instrument : BNA_F
ClientSampleId : 130-B

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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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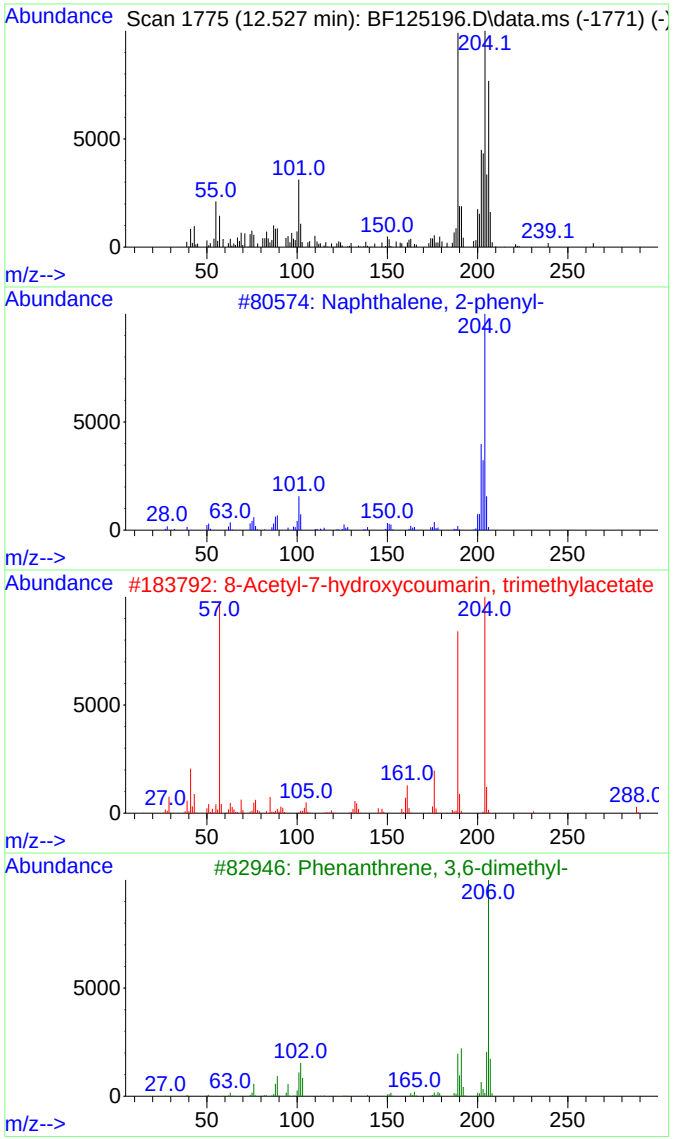
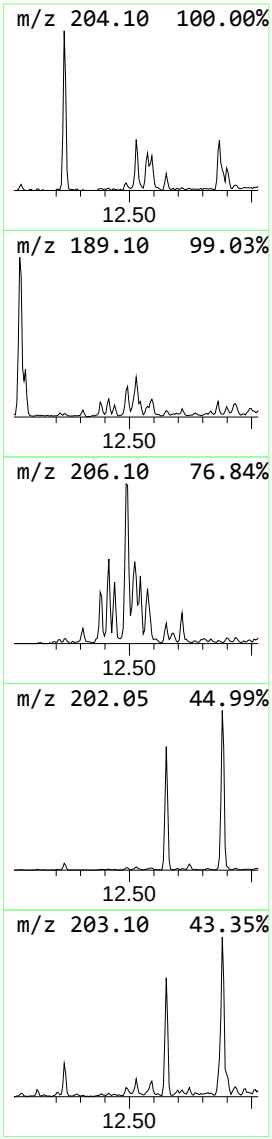
Peak Number 14 unknown12.527 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.527	5.39 ng	293323	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
2	8-Acetyl-7-hydroxycoumarin, trim...	288	C16H16O5	1000462-93-6	35
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	35
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	35





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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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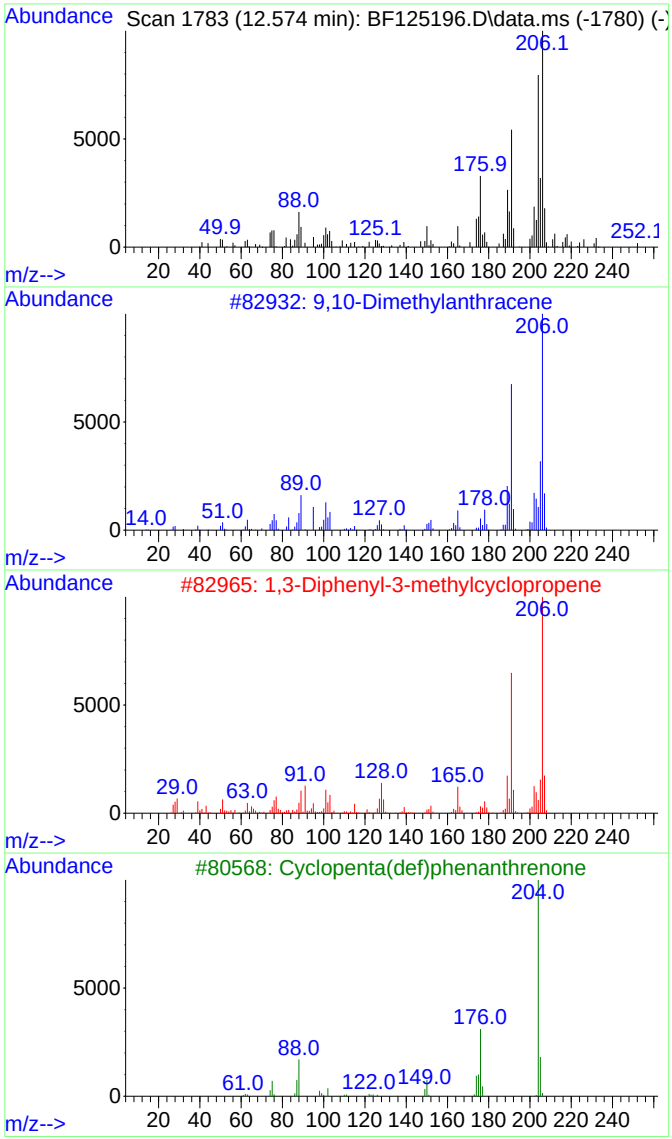
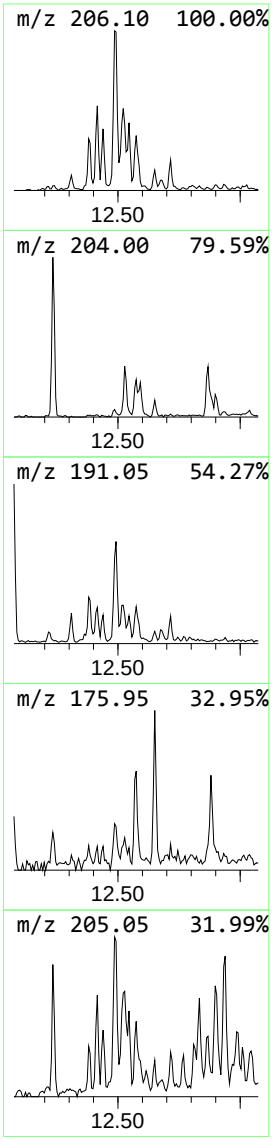
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.574	3.39 ng	184208	Phenanthrene-d10	11.439

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	87
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	70
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	70





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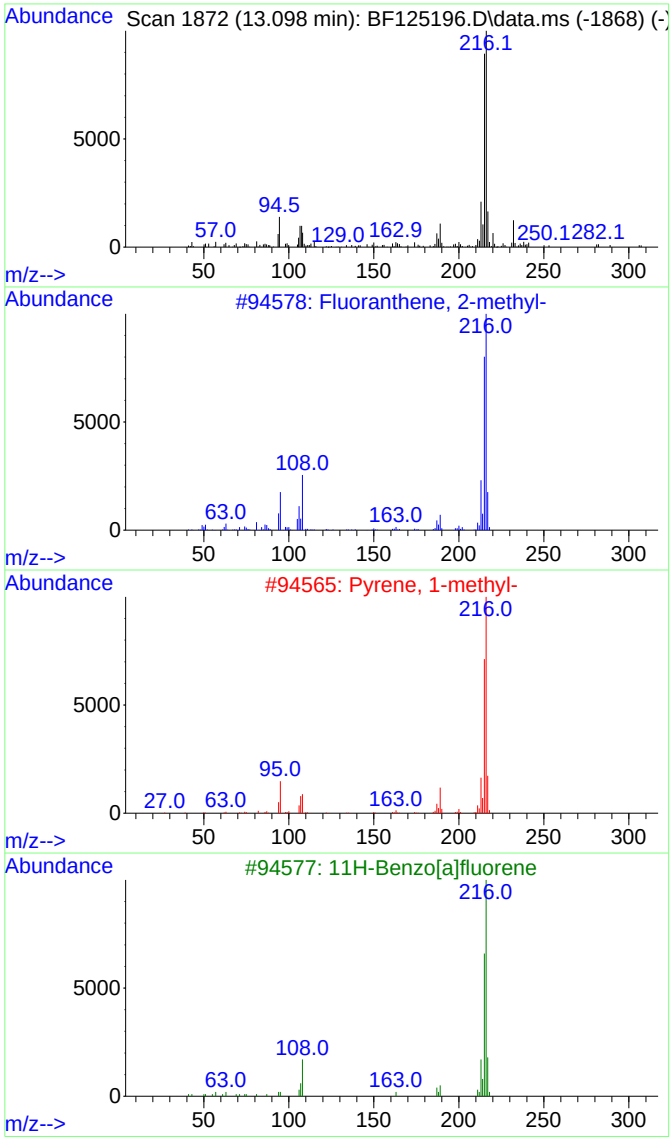
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

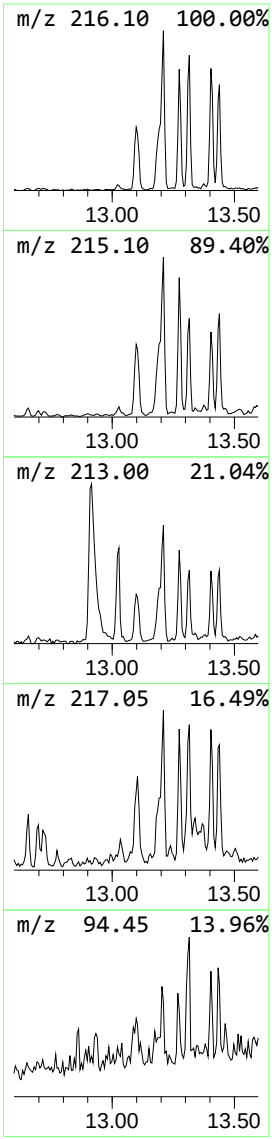
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	3.57 ng	255251	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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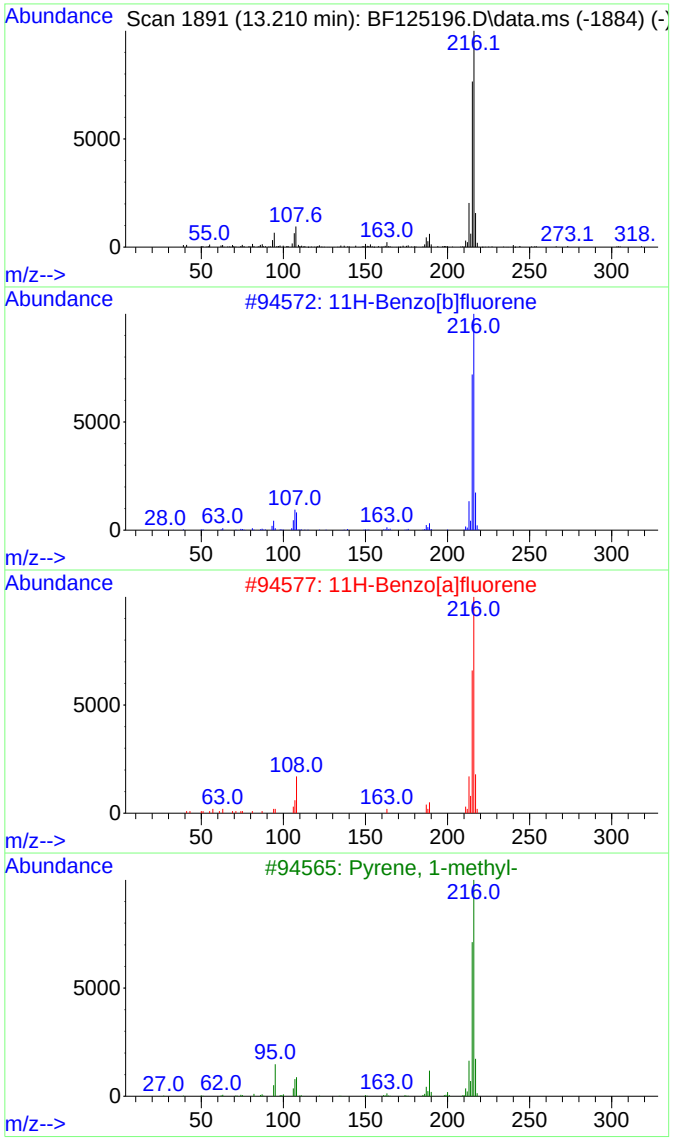
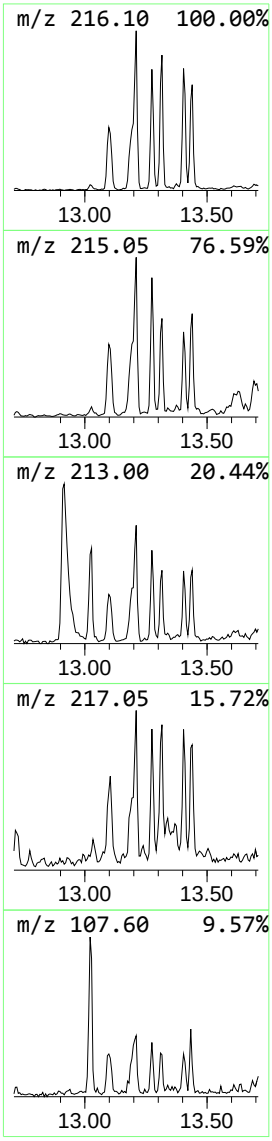
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	6.11 ng	436134	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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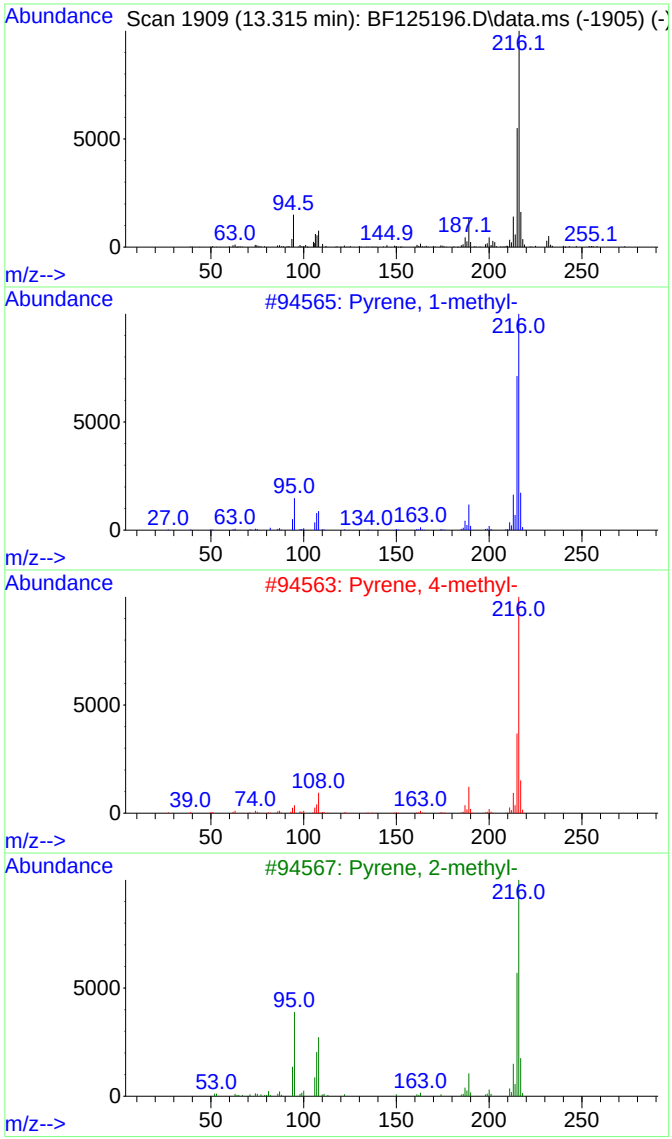
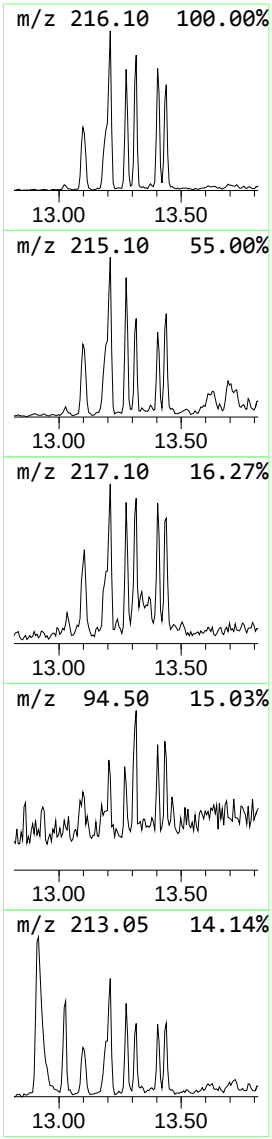
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.316	3.44 ng	245806	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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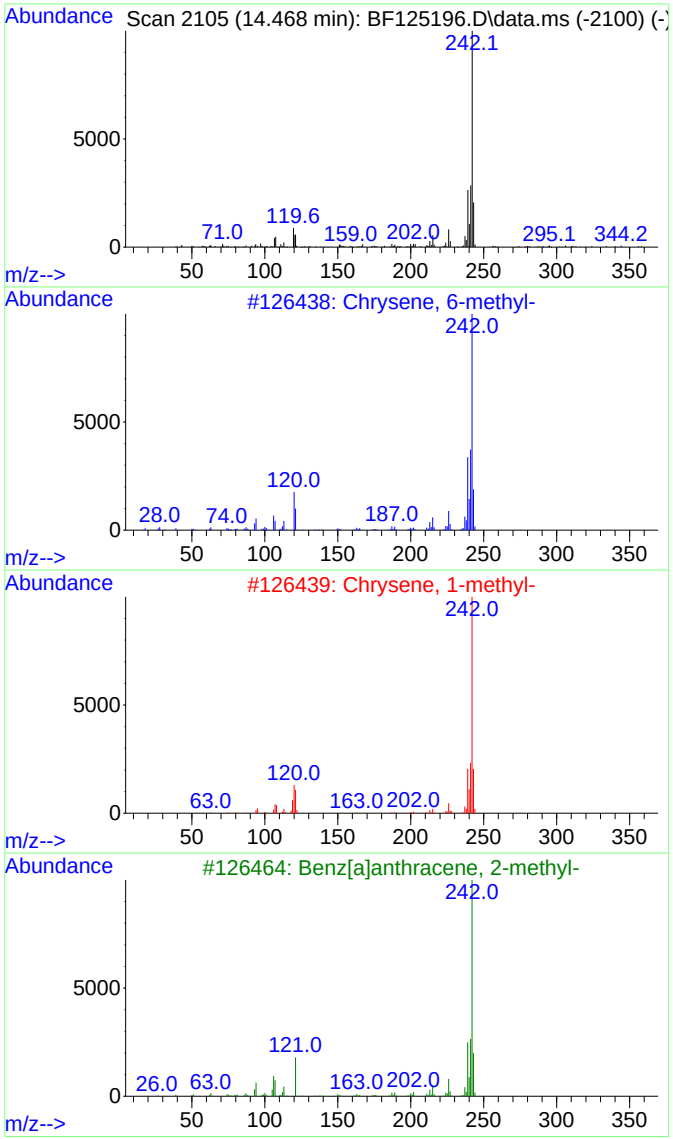
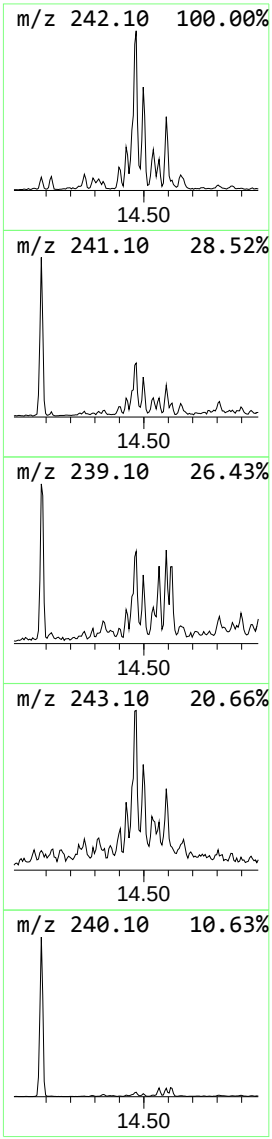
Peak Number 19 Chrysene, 6-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.468	4.38 ng	312680	Chrysene-d12	14.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 6-methyl-	242	C19H14	001705-85-7	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	90
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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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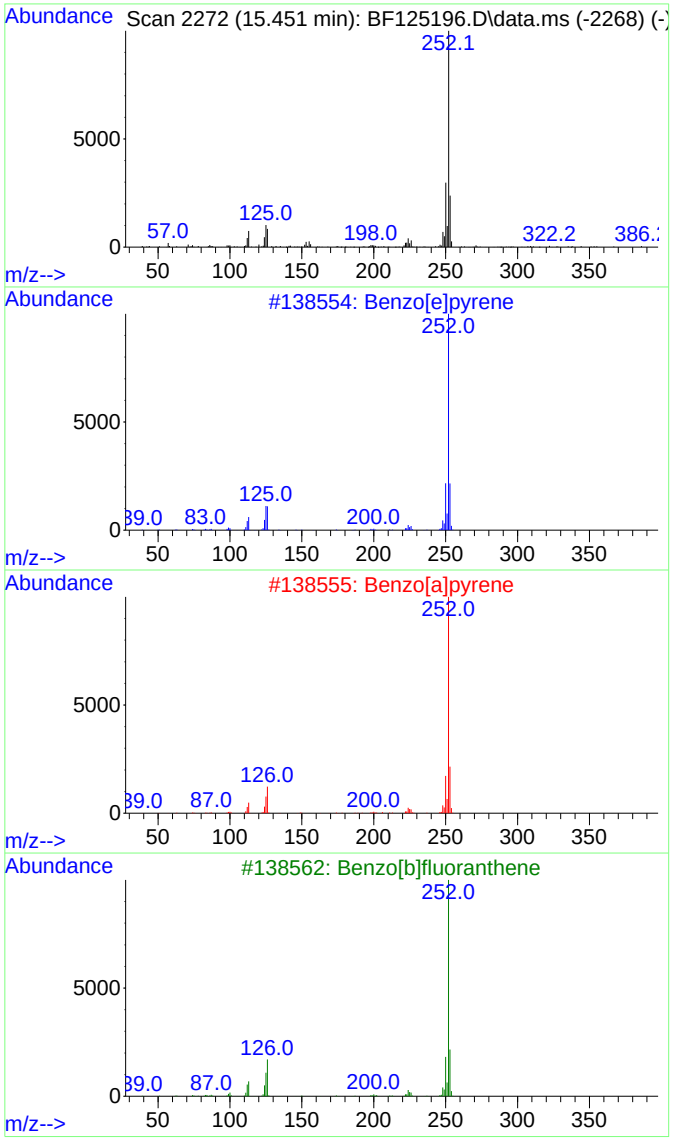
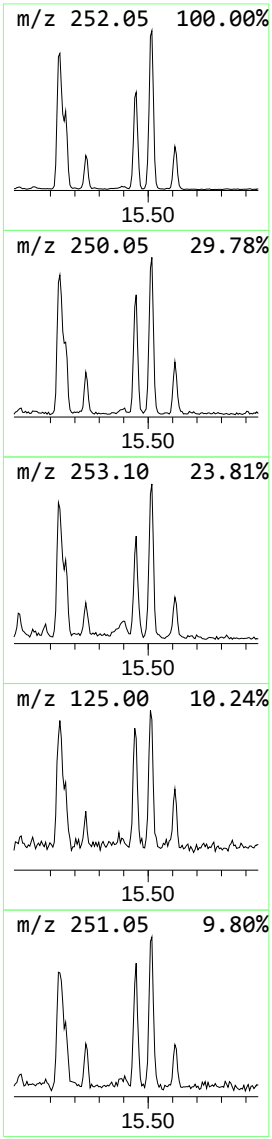
Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.451	8.18 ng	352696	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082421\
Data File : BF125196.D
Acq On : 24 Aug 2021 21:10
Operator : JU/CG
Sample : M3507-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 130-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.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
Butane, 2-metho...	2.210	29.6	ng	1332230	1	6.916	901728	20.0
Butane, 1,1'-[o...	8.092	8.4	ng	480110	2	8.198	1149190	20.0
Naphthalene, 1,...	9.533	3.5	ng	220740	3	9.951	1269990	20.0
Naphthalene, 2,...	9.604	4.3	ng	275746	3	9.951	1269990	20.0
Acetamide, N-(3...	10.951	3.7	ng	199186	4	11.439	1087880	20.0
9H-Fluorene, 2-...	11.045	4.8	ng	258832	4	11.439	1087880	20.0
Adamantane-1-ca...	11.133	4.3	ng	232613	4	11.439	1087880	20.0
unknown11.174	11.174	3.5	ng	188332	4	11.439	1087880	20.0
Phenanthrene, 2...	11.939	7.9	ng	427960	4	11.439	1087880	20.0
Phenanthrene, 1...	11.969	9.2	ng	499273	4	11.439	1087880	20.0
4H-Cyclopenta[d...	12.051	9.7	ng	528087	4	11.439	1087880	20.0
Anthracene, 2-m...	12.074	4.1	ng	223544	4	11.439	1087880	20.0
Phenanthrene, 2...	12.492	5.0	ng	269585	4	11.439	1087880	20.0
unknown12.527	12.527	5.4	ng	293323	4	11.439	1087880	20.0
9,10-Dimethylan...	12.574	3.4	ng	184208	4	11.439	1087880	20.0
Fluoranthene, 2...	13.098	3.6	ng	255251	5	14.080	1428370	20.0
11H-Benzo[b]flu...	13.210	6.1	ng	436134	5	14.080	1428370	20.0
Pyrene, 1-methyl-	13.316	3.4	ng	245806	5	14.080	1428370	20.0
Chrysene, 6-met...	14.468	4.4	ng	312680	5	14.080	1428370	20.0
Benzo[e]pyrene	15.451	8.2	ng	352696	6	15.580	862762	20.0