LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144342.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	482	488	501	rBV	81095	117743	4.45%	0.360%
2	5.481	554	559	572	rBV	274140	390233	14.74%	1.194%
3	5.704	591	597	613	rBV2	16571	41053	1.55%	0.126%
4	6.492	726	731	747	rVB	256943	370817	14.01%	1.134%
5	6.692	759	765	770	rBV3	22359	38928	1.47%	0.119%
6	6.863	789	794	800	rBV	219988	285985	10.80%	0.875%
7	7.122	833	838	847	rBV	28907	52700	1.99%	0.161%
8	7.422	881	889	910	rBV	175391	254853	9.63%	0.780%
9	7.892	963	969	972	rBV3	14696	26561	1.00%	0.081%
10	7.928	972	975	987	rVB3	14893	35907	1.36%	0.110%
11	8.145	1004	1012	1024	rBV2	272179	541481	20.46%	1.656%
12	8.728	1107	1111	1116	rVB2	20658	28104	1.06%	0.086%
13	8.857	1129	1133	1140	rVB	123800	150880	5.70%	0.462%
14	8.957	1145	1150	1156	rVB	120007	154368	5.83%	0.472%
15	9.216	1189	1194	1199	rBV	358613	440438	16.64%	1.347%
16	9.292	1203	1207	1210	rBV	25924	36457	1.38%	0.112%
17	9.416	1225	1228	1234	rVB	24596	41118	1.55%	0.126%
18	9.486	1234	1240	1244	rBV	76680	121142	4.58%	0.371%
19	9.557	1248	1252	1255	rVV	110300	158393	5.98%	0.485%
20	9.586	1255	1257	1260	rVV	67834	79202	2.99%	0.242%
21	9.622	1260	1263	1268	rVB2	33522	51306	1.94%	0.157%
22	9.675	1268	1272	1279	rVB	49969	78538	2.97%	0.240%
23	9.763	1282	1287	1292	rBV	149038	192661	7.28%	0.589%
24	9.822	1292	1297	1302	rVB2	21525	32822	1.24%	0.100%
25	9.898	1302	1310	1314	rBV	295669	432363	16.34%	1.323%
26	9.933	1314	1316	1320	rVV	121960	126425	4.78%	0.387%
27	10.004	1324	1328	1332	rBV	25189	34113	1.29%	0.104%
28	10.057	1332	1337	1340	rBV4	14795	27734	1.05%	0.085%
29	10.104	1340	1345	1348	rVV2	81542	108963	4.12%	0.333%
30	10.139	1348	1351	1356	rVB	54750	67322	2.54%	0.206%
31	10.216	1359	1364	1367	rBV2	61198	89173	3.37%	0.273%
32	10.245	1367	1369	1375	rVB	33652	38569	1.46%	0.118%
33	10.322	1375	1382	1385	rBV4	48427	109545	4.14%	0.335%
34	10.451	1397	1404	1409	rVB	158378	239466	9.05%	0.733%
35	10.516	1409	1415	1417	rBV3	31292	57810	2.18%	0.177%
36	10.557	1420	1422	1426	rVV3	26218	37255	1.41%	0.114%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.610	1426	1431	1438	rVB2	78534	140133	5.29%	0.429%
38	10.692	1438	1445	1449	rBV2	249128	344261	13.01%	1.053%
39	10.816	1460	1466	1471	rVB3	58226	104393	3.94%	0.319%
40	10.998	1491	1497	1500	rBV3	81704	141855	5.36%	0.434%
41	11.027	1500	1502	1505	rVB2	42099	41025	1.55%	0.125%
42	11.080	1508	1511	1514	rVB	37548	41048	1.55%	0.126%
43	11.127	1514	1519	1520	rBV2	28538	37987	1.44%	0.116%
44	11.198	1527	1531	1535	rBV2	66198	85556	3.23%	0.262%
45	11.245	1535	1539	1542	rVV3	39318	58688	2.22%	0.180%
46	11.286	1542	1546	1552	rVB	110728	157492	5.95%	0.482%
47	11.392	1559	1564	1565	rBV	325993	363076	13.72%	1.111%
48	11.422	1565	1569	1573	rVV	1060602	1449116	54.75%	4.433%
49	11.469	1573	1577	1580	rVV	258168	324844	12.27%	0.994%
50	11.498	1580	1582	1586	rVB2	44345	60299	2.28%	0.184%
51	11.627	1599	1604	1609	rBV	124091	202277	7.64%	0.619%
52	11.686	1611	1614	1617	rVV2	50961	77325	2.92%	0.237%
53	11.721	1617	1620	1625	rVB	107931	148556	5.61%	0.454%
54	11.804	1631	1634	1639	rVB	64760	90425	3.42%	0.277%
55	11.851	1639	1642	1645	rBV	31742	39364	1.49%	0.120%
56	11.898	1645	1650	1652	rBV	325929	480973	18.17%	1.471%
57	11.921	1652	1654	1659	rVB	422615	516860	19.53%	1.581%
58	11.974	1659	1663	1665	rBV	104079	138707	5.24%	0.424%
59	12.010	1665	1669	1677	rVB2	472307	985561	37.24%	3.015%
60	12.080	1677	1681	1686	rBV4	44007	99290	3.75%	0.304%
61	12.127	1686	1689	1692	rVB2	54917	59297	2.24%	0.181%
62	12.192	1696	1700	1702	rBV	153996	198941	7.52%	0.609%
63	12.221	1702	1705	1710	rVB	181052	243207	9.19%	0.744%
64	12.292	1710	1717	1719	rBV3	41065	86316	3.26%	0.264%
65	12.339	1719	1725	1728	rBV3	97176	187246	7.07%	0.573%
66	12.374	1728	1731	1733	rBV	85926	95308	3.60%	0.292%
67	12.451	1739	1744	1747	rBV	359877	569143	21.50%	1.741%
68	12.480	1747	1749	1756	rVV2	249599	501045	18.93%	1.533%
69	12.539	1756	1759	1767	rVV4	235221	410361	15.50%	1.255%
70	12.616	1767	1772	1777	rVV	1525610	2149730	81.22%	6.576%
71	12.674	1777	1782	1785	rVV2	116510	255783	9.66%	0.782%
72	12.704	1785	1787	1791	rVV2	109549	153410	5.80%	0.469%
73	12.763	1794	1797	1801	rVV2	138256	241828	9.14%	0.740%
74	12.851	1805	1812	1816	rVV	1603577	2646849	100.00%	8.097%
75	12.892	1816	1819	1823	rVV2	158497	223527	8.45%	0.684%
76	12.980	1827	1834	1842	rVB3	443309	937332	35.41%	2.867%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.063	1842	1848	1854	rBV3	284401	588934	22.25%	1.802%
78	13.116	1855	1857	1859	rVV	80285	91408	3.45%	0.280%
79	13.168	1859	1866	1870	rVV	347221	758428	28.65%	2.320%
80	13.239	1870	1878	1881	rVV2	173866	336324	12.71%	1.029%
81	13.274	1881	1884	1892	rVV2	368947	603593	22.80%	1.846%
82	13.368	1896	1900	1903	rVV	294147	427787	16.16%	1.309%
83	13.398	1903	1905	1915	rVB	277070	410330	15.50%	1.255%
84	13.551	1928	1931	1932	rBV	58109	66243	2.50%	0.203%
85	13.680	1950	1953	1958	rVB	234721	320063	12.09%	0.979%
86	13.792	1967	1972	1975	rBV2	284673	489200	18.48%	1.496%
87	13.851	1979	1982	1985	rVV2	158392	265786	10.04%	0.813%
88	13.892	1986	1989	1993	rVB	198986	272115	10.28%	0.832%
89	14.039	2008	2014	2018	rBV2	1038327	1952460	73.77%	5.973%
90	14.074	2018	2020	2027	rVB	886168	1103366	41.69%	3.375%
91	14.198	2038	2041	2050	rVB9	113095	253115	9.56%	0.774%
92	14.433	2077	2081	2084	rBV	232818	287464	10.86%	0.879%
93	14.468	2084	2087	2090	rVB	120740	130711	4.94%	0.400%
94	14.562	2100	2103	2109	rVB2	156968	287047	10.84%	0.878%
95	15.104	2189	2195	2208	rVB	585464	1449273	54.75%	4.433%
96	15.404	2242	2246	2252	rVB	341398	528142	19.95%	1.616%
97	15.468	2252	2257	2262	rBV	459951	708182	26.76%	2.166%
98	15.533	2264	2268	2271	rBV	177669	274351	10.37%	0.839%
99	17.033	2517	2523	2530	rVB2	215241	447738	16.92%	1.370%
100	17.492	2595	2601	2615	rVB	183916	458786	17.33%	1.403%

Sum of corrected areas: 32689708

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
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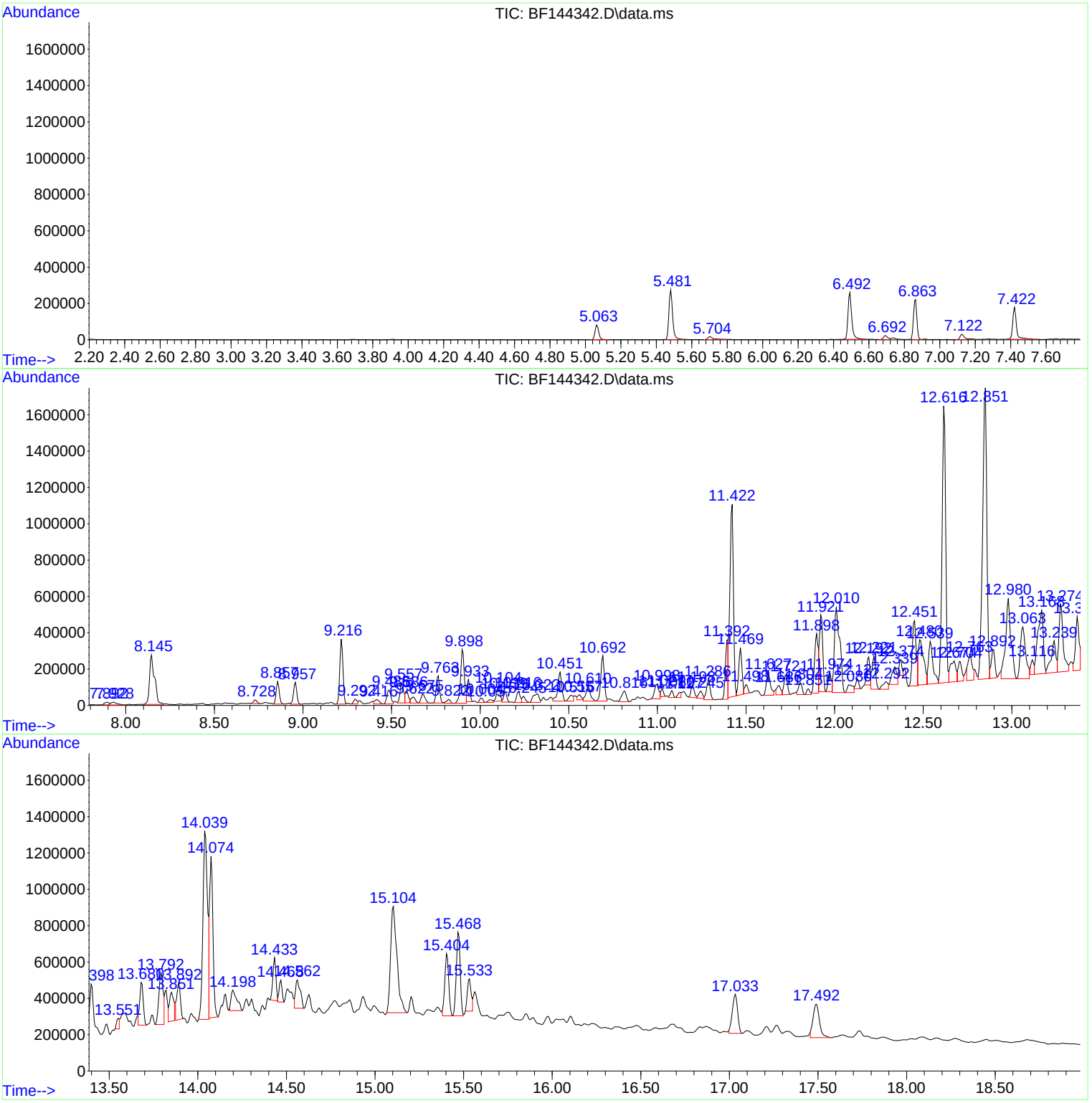
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

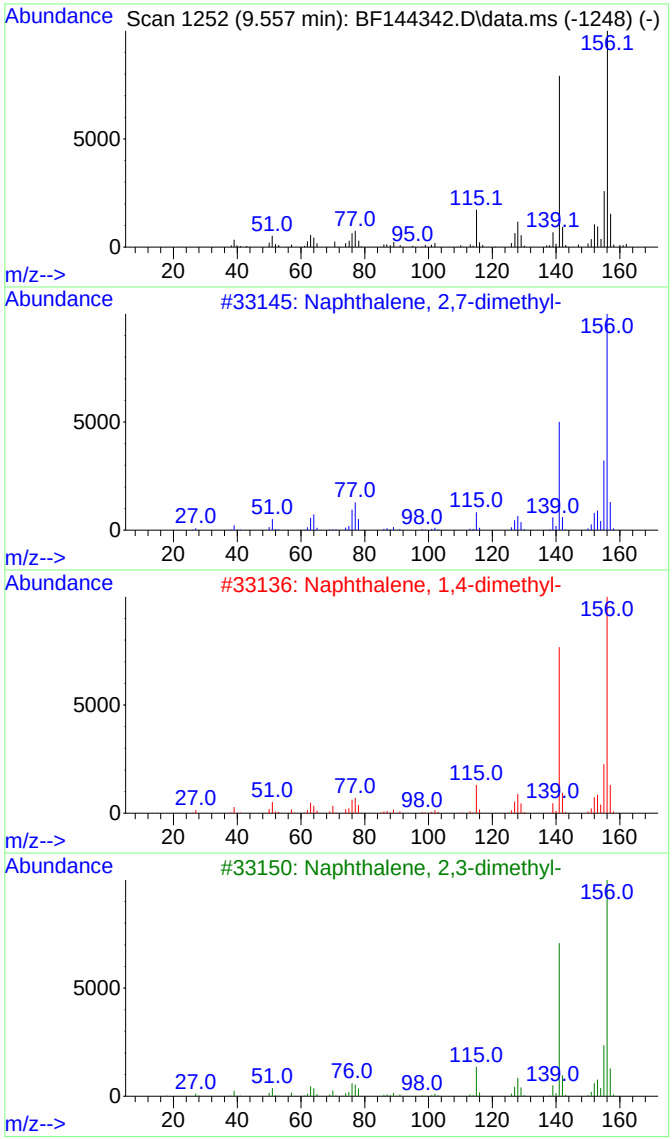
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

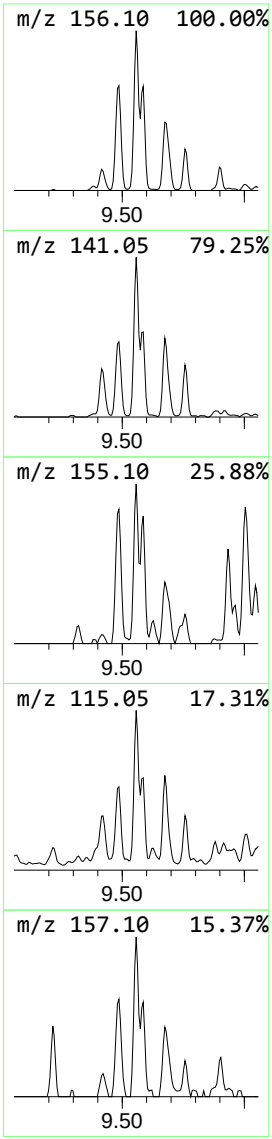
****

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	7.33 ng	158393	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

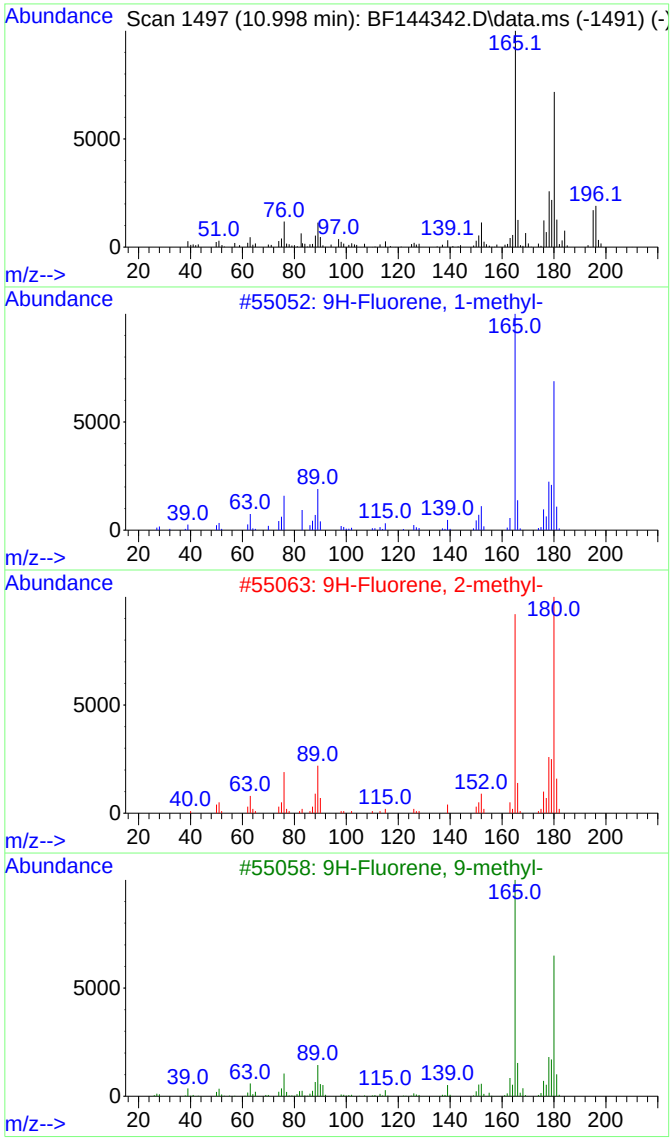
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

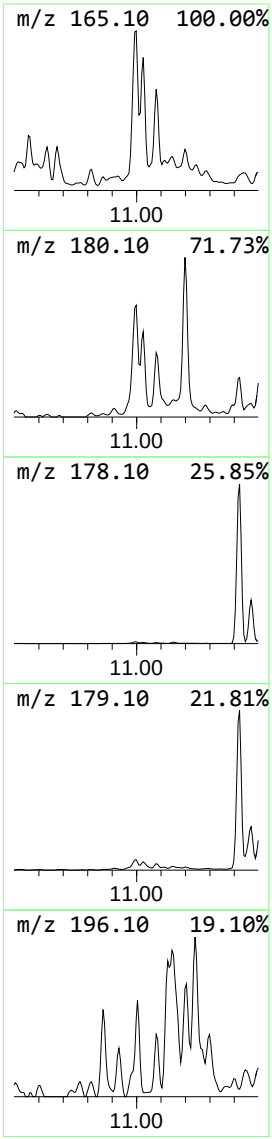
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.998	7.81 ng	141855	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	70
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

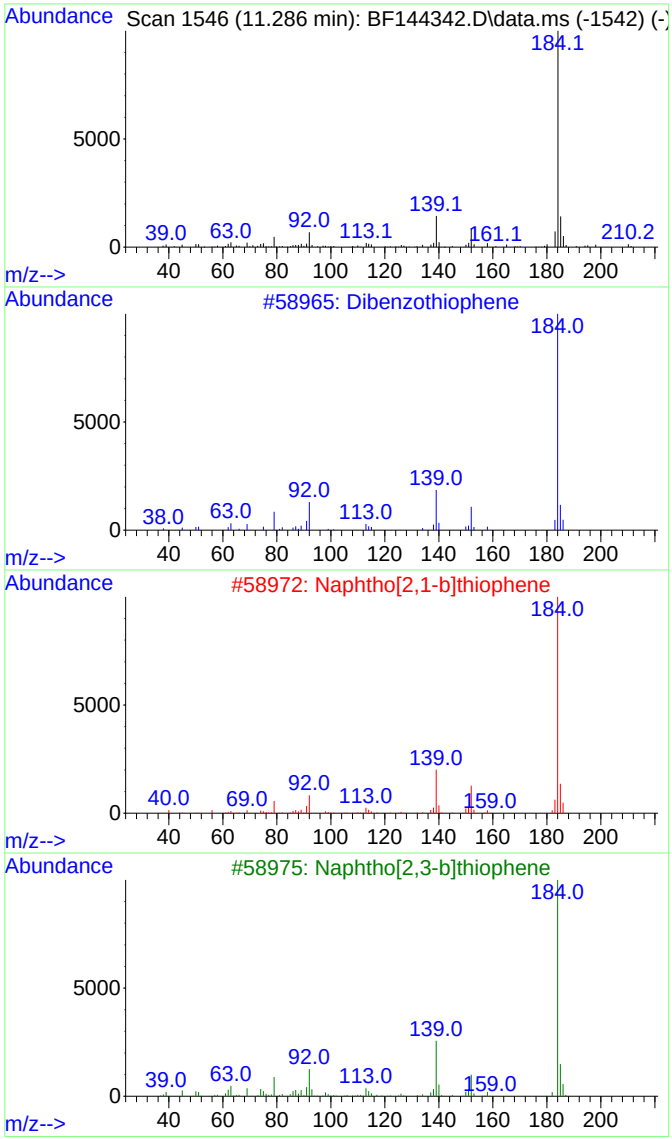
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

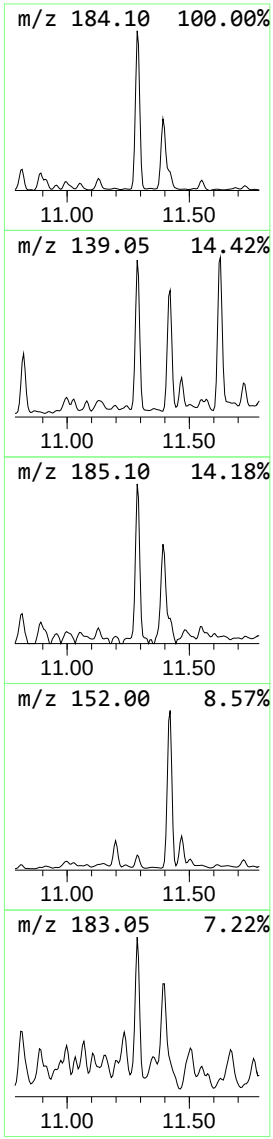
****

Peak Number 5 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	8.68 ng	157492	Phenanthrene-d10	11.392

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	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
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Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

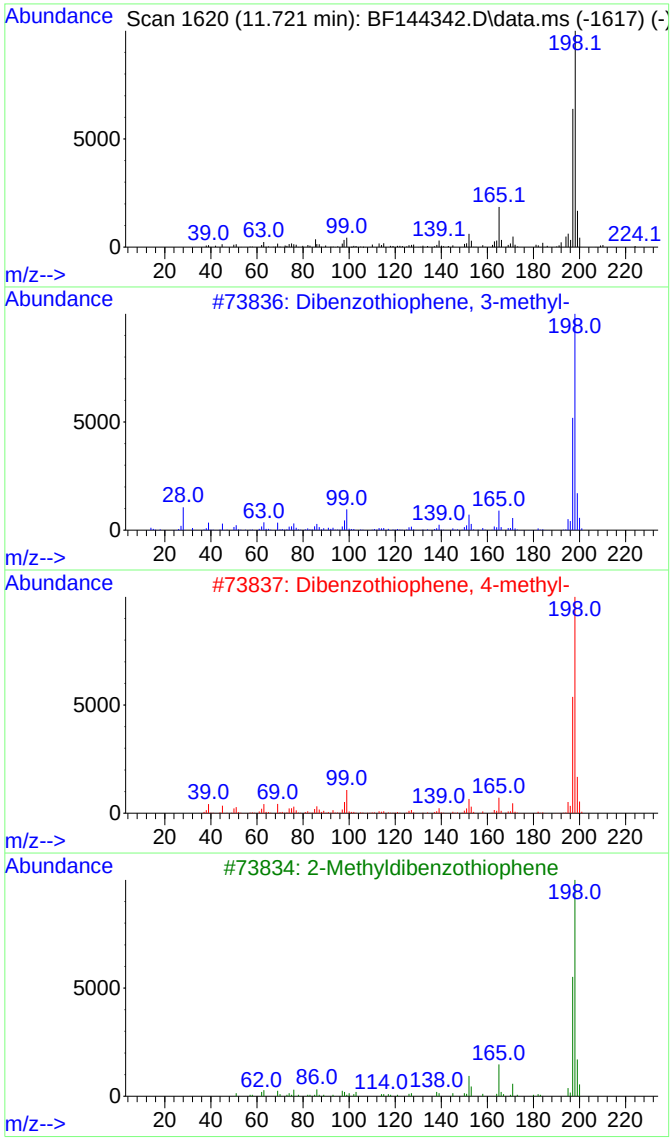
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

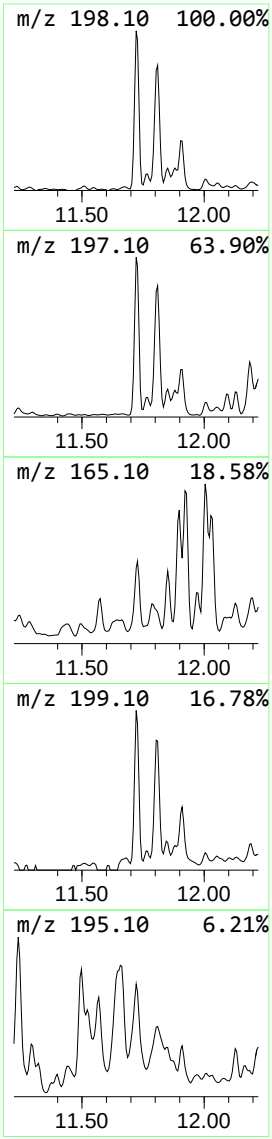
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibenzothiophene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.722	8.18 ng	148556	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
4	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	86
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144342.D
Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

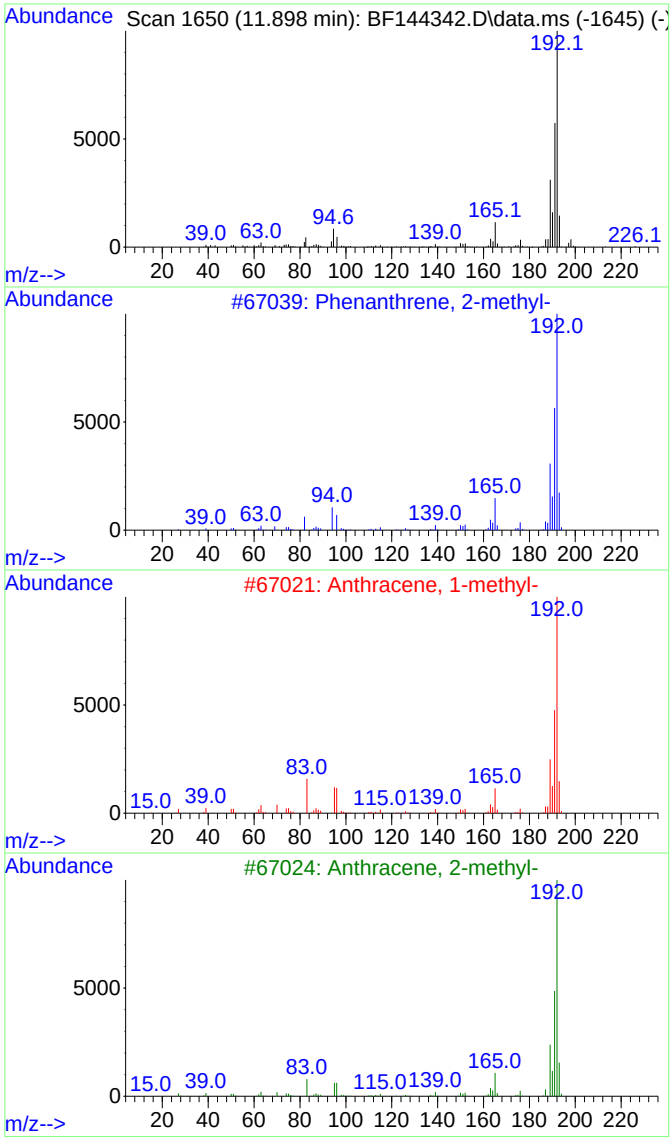
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

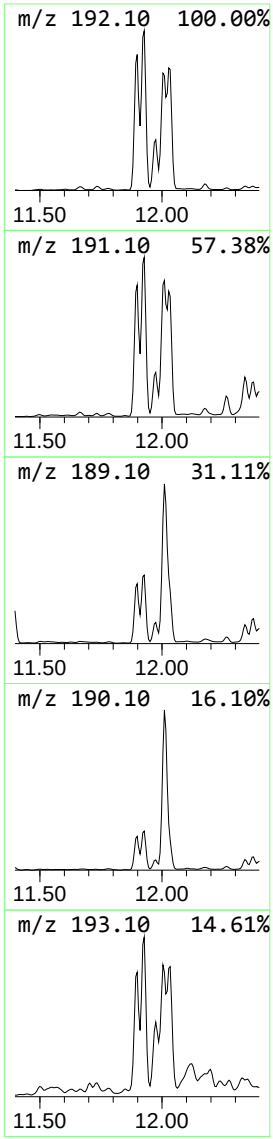
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	26.49 ng	480973	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81





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Acq On : 25 Nov 2025 00:12
Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

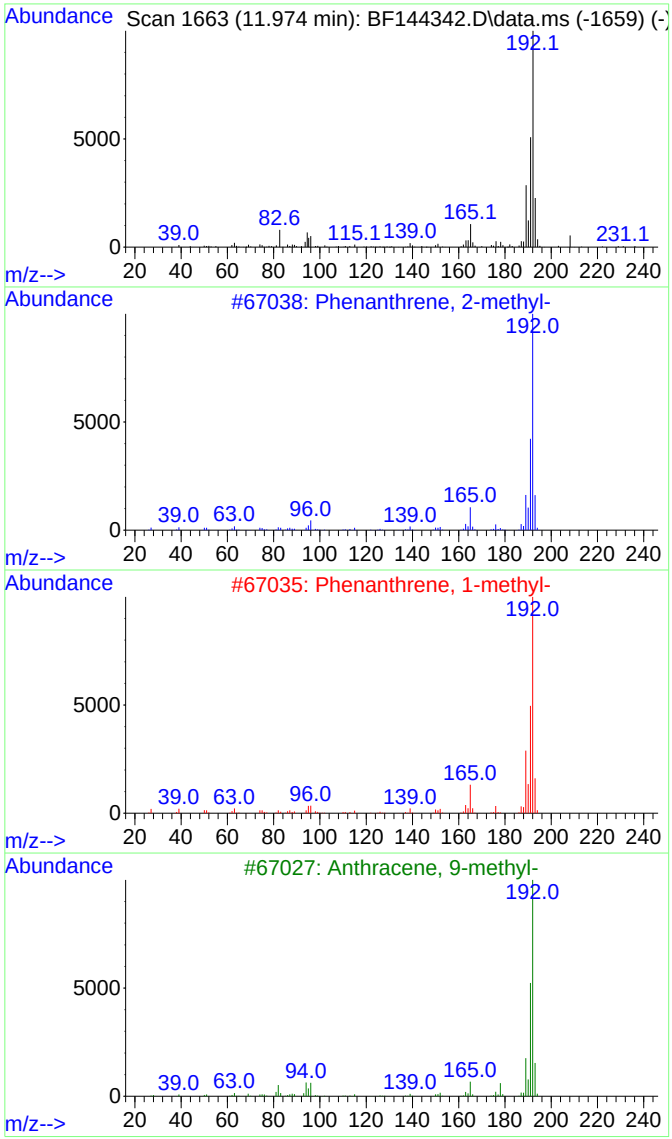
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

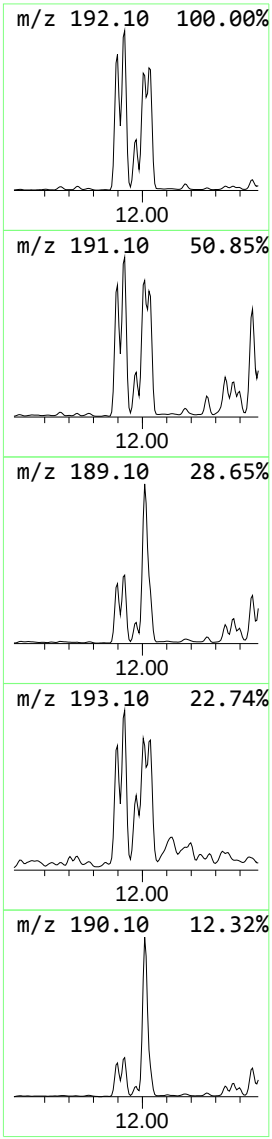
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	7.64 ng	138707	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

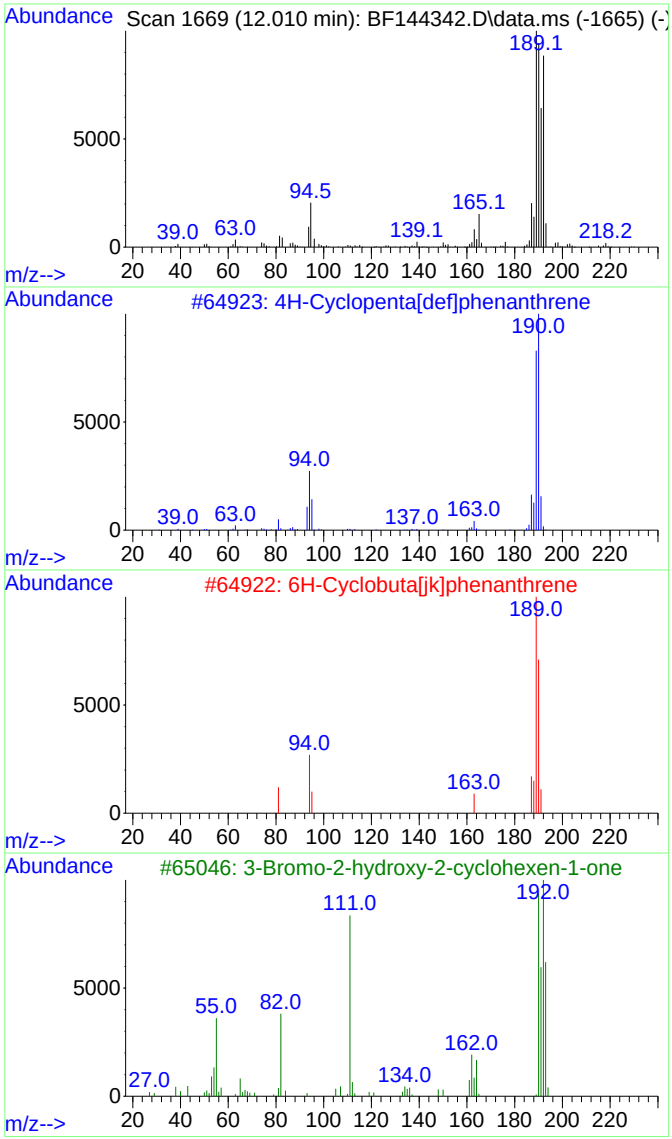
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

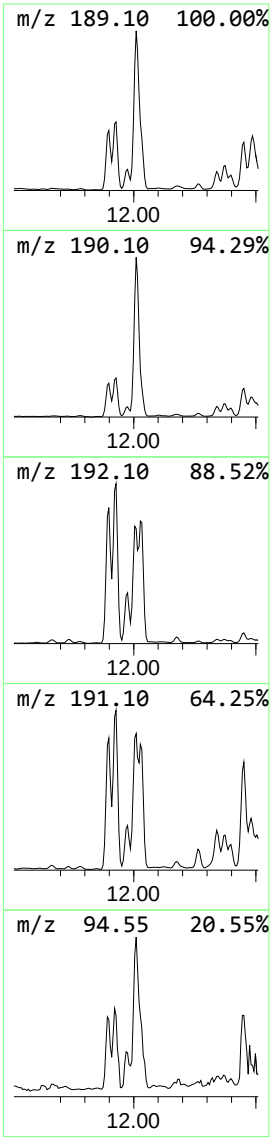
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	54.29 ng	985561	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	3-Bromo-2-hydroxy-2-cyclohexen-1...	190	C6H7BrO2	010324-65-9	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	35





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ClientSampleId :
WELD-SHOP-EXCAVATION

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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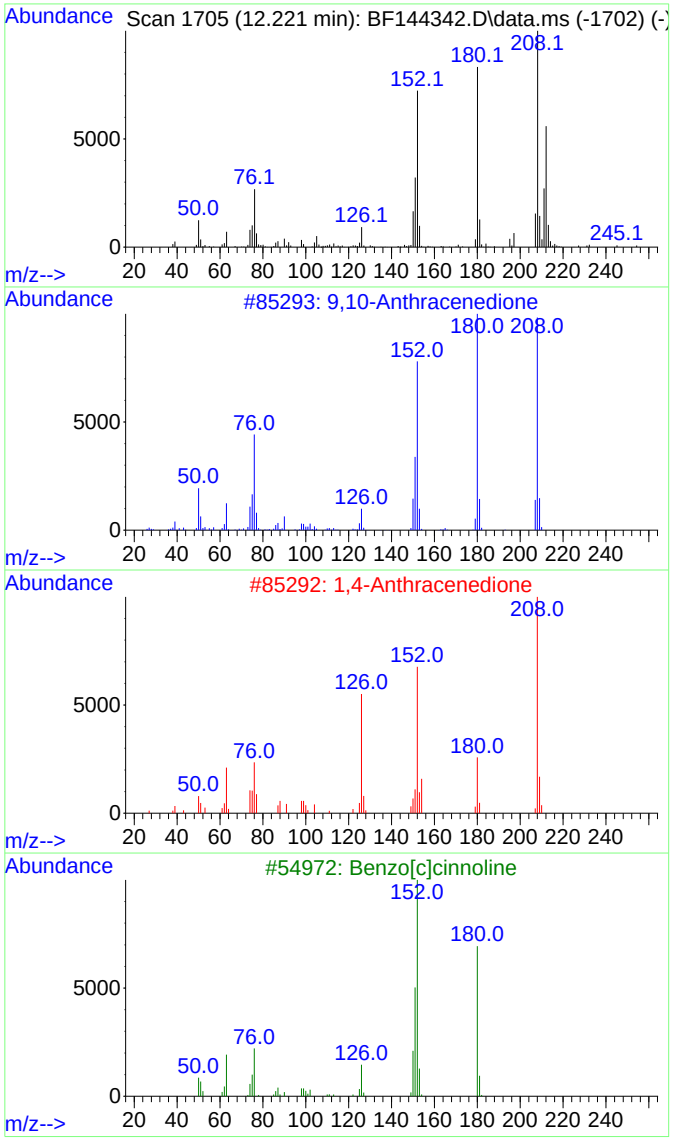
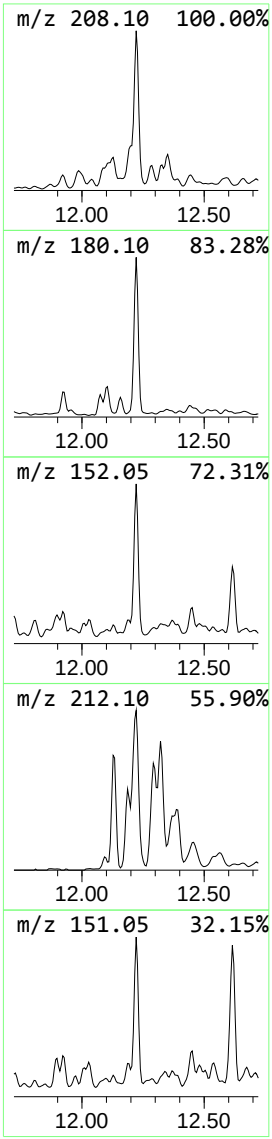
Peak Number 12 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	13.40 ng	243207	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	46
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	43





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Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WELD-SHOP-EXCAVATION

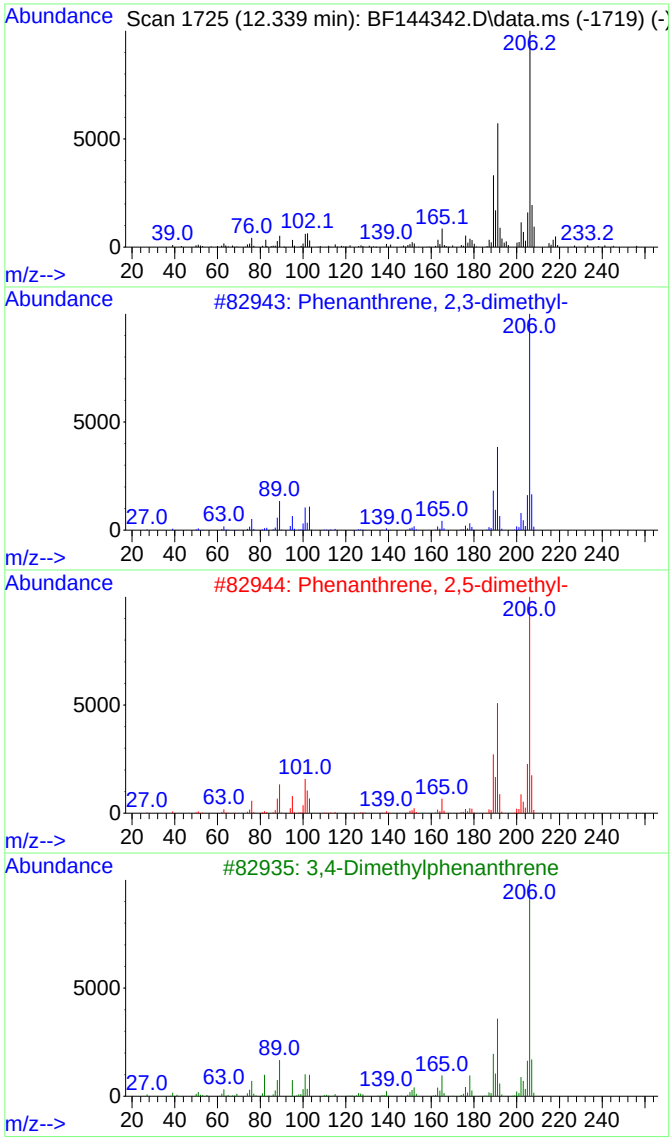
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

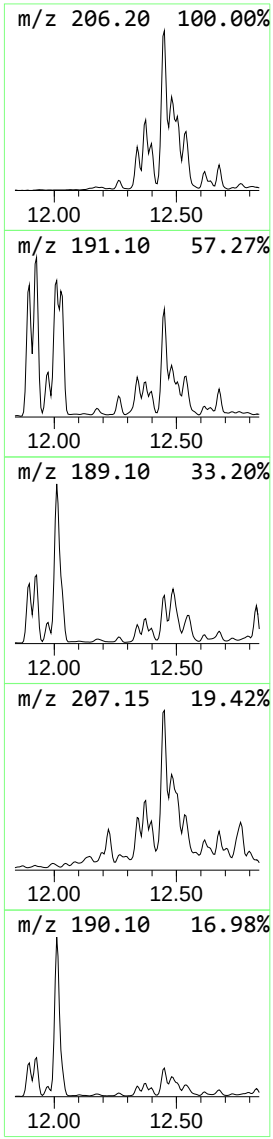
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	10.31 ng	187246	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	83
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	81





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Operator : RC/JU
Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

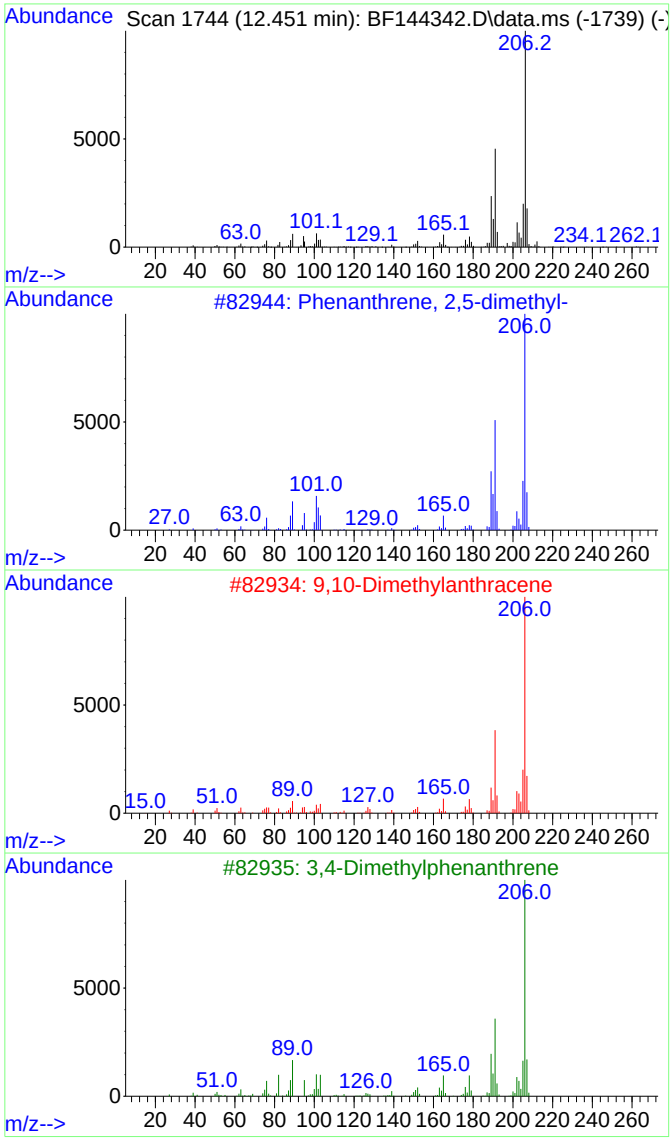
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

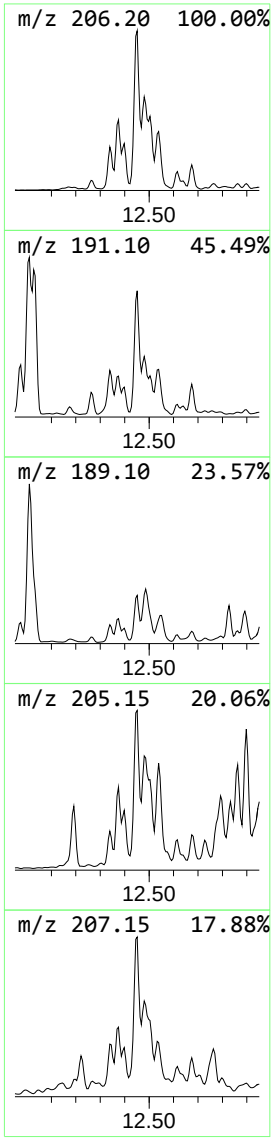
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	31.35 ng	569143	Phenanthrene-d10	11.392

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	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91





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Sample : Q3710-05 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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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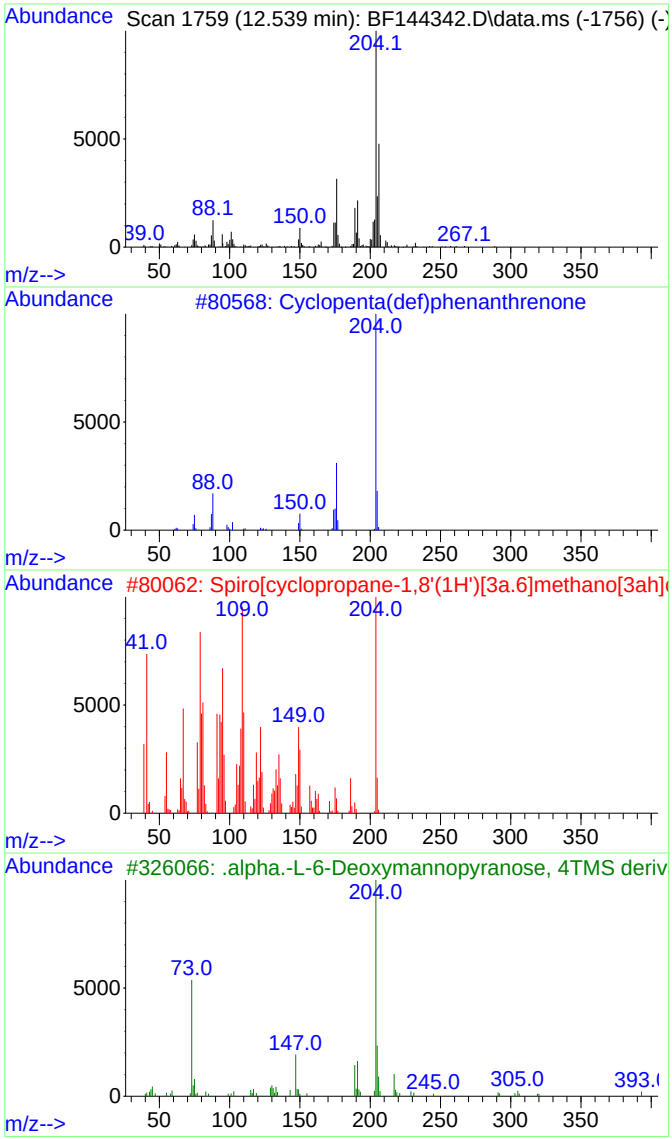
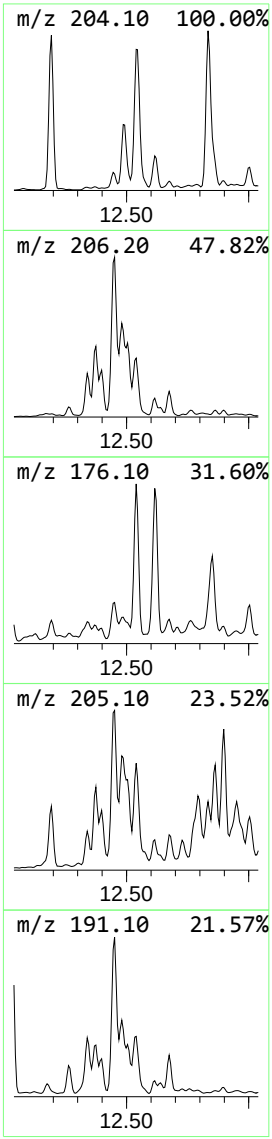
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	22.60 ng	410361	Phenanthrene-d10	11.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	Spiro[cyclopropane-1,8'(1H')[3a....	204	C14H20O	452049-62-6	74
3	.alpha.-L-6-Deoxymannopyranose, ...	452	C18H44O5Si4	055057-21-1	50
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
5	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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TIC Library : C:\Database\NIST20.L
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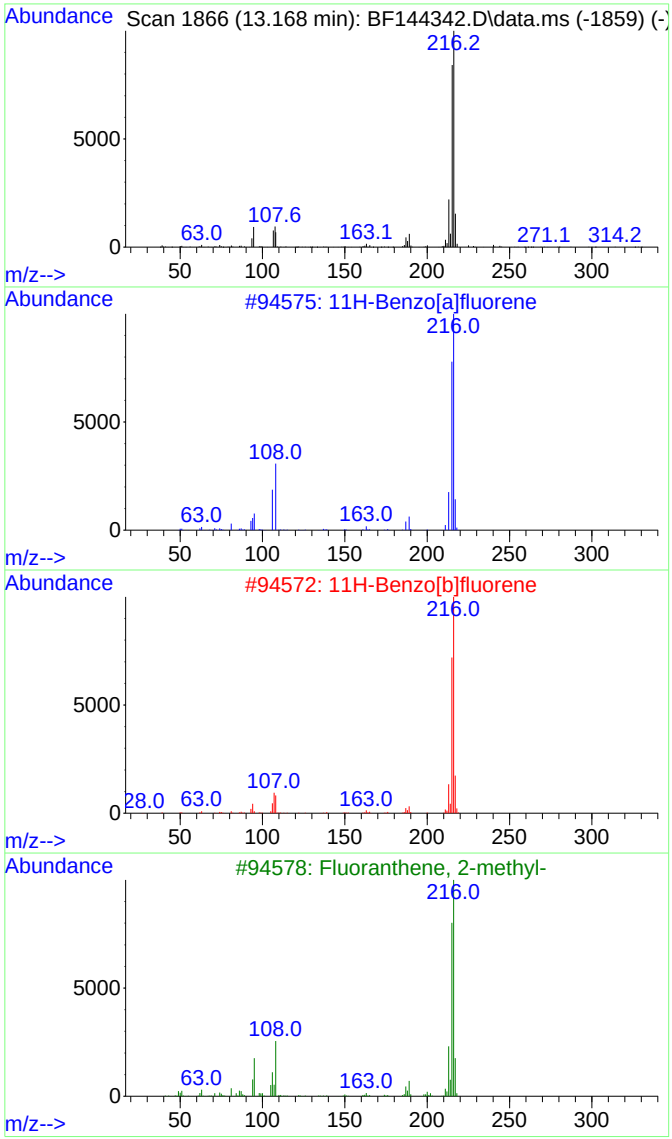
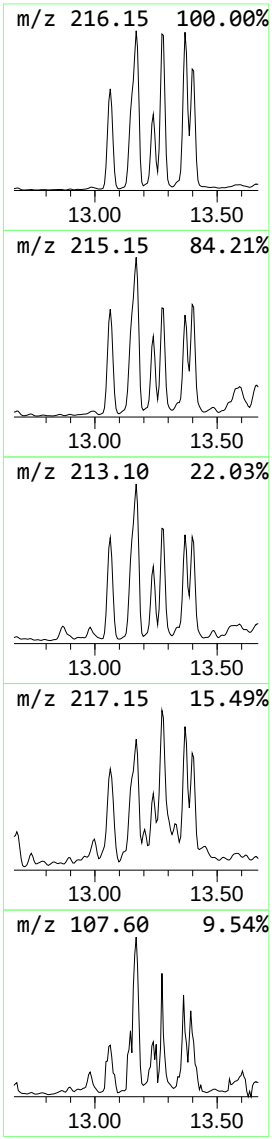
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.168	7.77 ng	758428	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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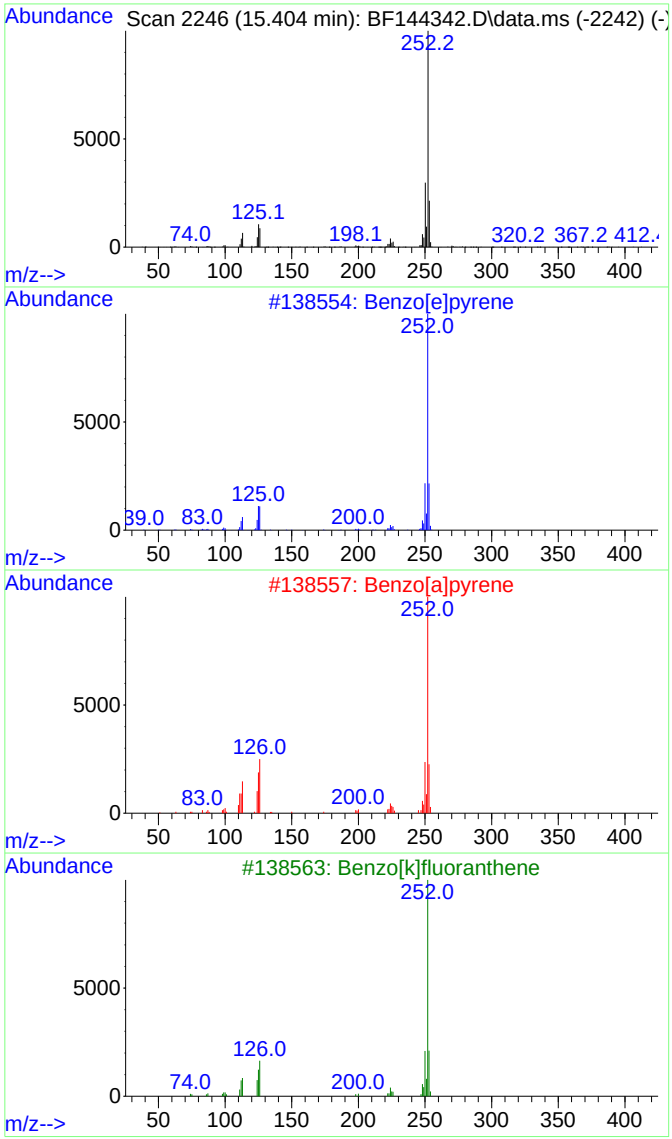
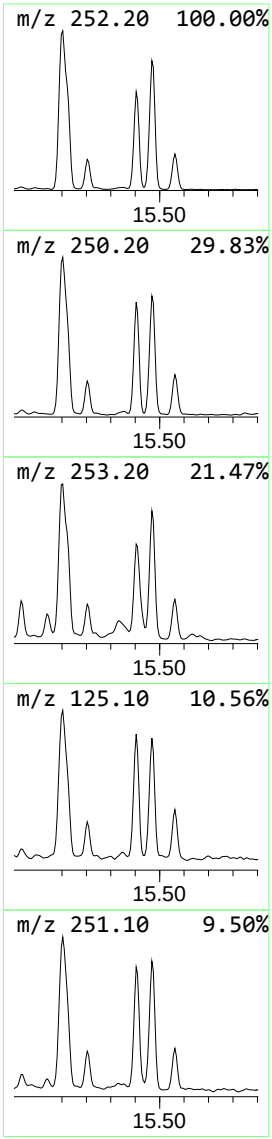
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.404	38.50 ng	528142	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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Misc :
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WELD-SHOP-EXCAVATION

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 2,...	9.557	7.3	ng	158393	3	9.898	432363	20.0
9H-Fluorene, 1-...	10.998	7.8	ng	141855	4	11.392	363076	20.0
Dibenzothiophene	11.286	8.7	ng	157492	4	11.392	363076	20.0
Dibenzothiophen...	11.722	8.2	ng	148556	4	11.392	363076	20.0
Phenanthrene, 2...	11.898	26.5	ng	480973	4	11.392	363076	20.0
Phenanthrene, 1...	11.974	7.6	ng	138707	4	11.392	363076	20.0
4H-Cyclopenta[d...	12.010	54.3	ng	985561	4	11.392	363076	20.0
9,10-Anthracene...	12.222	13.4	ng	243207	4	11.392	363076	20.0
Phenanthrene, 2...	12.339	10.3	ng	187246	4	11.392	363076	20.0
Phenanthrene, 2...	12.451	31.4	ng	569143	4	11.392	363076	20.0
Cyclopenta(def)...	12.539	22.6	ng	410361	4	11.392	363076	20.0
11H-Benzo[a]flu...	13.168	7.8	ng	758428	5	14.051	1952460	20.0
Benzo[e]pyrene	15.404	38.5	ng	528142	6	15.533	274351	20.0