LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-2-061722

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128918.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.392	525	528	537	rBV	176688	186663	18.04%	1.043%
2	6.416	699	702	712	rBV	187267	192499	18.61%	1.076%
3	6.581	726	730	735	rBV2	19147	26046	2.52%	0.146%
4	6.751	755	759	763	rBV	894224	719723	69.57%	4.023%
5	7.010	800	803	809	rBV2	23729	29749	2.88%	0.166%
6	7.316	852	855	859	rBV	158494	124785	12.06%	0.697%
7	8.039	972	978	980	rBV	1002905	910325	88.00%	5.088%
8	8.057	980	981	984	rVV	222001	133483	12.90%	0.746%
9	8.751	1096	1099	1102	rVB	273723	209105	20.21%	1.169%
10	8.845	1111	1115	1119	rVB	207935	192765	18.63%	1.077%
11	9.110	1155	1160	1163	rBV	314850	230426	22.27%	1.288%
12	9.304	1191	1193	1200	rVB	47167	57778	5.59%	0.323%
13	9.375	1200	1205	1209	rBV2	160908	218296	21.10%	1.220%
14	9.451	1214	1218	1220	rVV	235122	231868	22.41%	1.296%
15	9.475	1220	1222	1227	rVV	155835	140394	13.57%	0.785%
16	9.510	1227	1228	1231	rVV2	31828	26685	2.58%	0.149%
17	9.569	1234	1238	1243	rVB	105183	116194	11.23%	0.649%
18	9.651	1248	1252	1256	rVV	110379	93801	9.07%	0.524%
19	9.792	1268	1276	1279	rBV	1031635	878526	84.92%	4.911%
20	9.822	1279	1281	1284	rVV	182538	147253	14.23%	0.823%
21	9.892	1290	1293	1298	rBV2	59340	73347	7.09%	0.410%
22	9.933	1298	1300	1304	rBV3	25226	35692	3.45%	0.200%
23	9.992	1304	1310	1314	rVV	160121	150779	14.58%	0.843%
24	10.033	1314	1317	1320	rVB	101143	82638	7.99%	0.462%
25	10.104	1325	1329	1332	rBV2	82599	83041	8.03%	0.464%
26	10.133	1332	1334	1337	rVV	85147	65928	6.37%	0.369%
27	10.198	1340	1345	1346	rBV	56101	70698	6.83%	0.395%
28	10.216	1346	1348	1350	rVB	57963	43001	4.16%	0.240%
29	10.286	1355	1360	1362	rBV3	36539	43466	4.20%	0.243%
30	10.339	1365	1369	1374	rVV	277033	261687	25.30%	1.463%
31	10.404	1374	1380	1381	rVV2	54761	72292	6.99%	0.404%
32	10.422	1381	1383	1385	rVV3	61901	57427	5.55%	0.321%
33	10.445	1385	1387	1390	rVV2	43214	43849	4.24%	0.245%
34	10.492	1390	1395	1399	rVB3	65727	87981	8.50%	0.492%
35	10.580	1403	1410	1413	rBV2	132817	142572	13.78%	0.797%
36	10.622	1413	1417	1422	rVB2	23908	38806	3.75%	0.217%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-2-061722

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.704	1425	1431	1437	rVB3	77262	92068	8.90%	0.515%
38	10.886	1457	1462	1464	rBV2	110386	124445	12.03%	0.696%
39	10.916	1464	1467	1470	rVV	85166	85662	8.28%	0.479%
40	10.969	1473	1476	1479	rVB	67898	59292	5.73%	0.331%
41	11.033	1486	1487	1489	rVV2	38601	28845	2.79%	0.161%
42	11.086	1493	1496	1499	rVV4	28803	29495	2.85%	0.165%
43	11.127	1499	1503	1507	rVV4	31188	55752	5.39%	0.312%
44	11.174	1507	1511	1515	rVB	178038	167950	16.24%	0.939%
45	11.274	1525	1528	1530	rBV	809808	738820	71.42%	4.130%
46	11.304	1530	1533	1536	rVV	1252616	1034488	100.00%	5.782%
47	11.351	1538	1541	1544	rVV	316642	251735	24.33%	1.407%
48	11.392	1544	1548	1550	rVV2	55355	72845	7.04%	0.407%
49	11.416	1550	1552	1553	rVV2	28309	23533	2.27%	0.132%
50	11.433	1553	1555	1561	rVB4	34590	51524	4.98%	0.288%
51	11.510	1565	1568	1574	rVV	65483	87165	8.43%	0.487%
52	11.569	1576	1578	1580	rVV2	42716	36542	3.53%	0.204%
53	11.610	1580	1585	1590	rVB	106761	121139	11.71%	0.677%
54	11.692	1596	1599	1603	rVB	91335	99262	9.60%	0.555%
55	11.780	1610	1614	1616	rVV	391206	342832	33.14%	1.916%
56	11.810	1616	1619	1622	rVB	439918	372158	35.98%	2.080%
57	11.857	1622	1627	1629	rBV	136713	139633	13.50%	0.780%
58	11.892	1629	1633	1635	rVV2	387775	432675	41.83%	2.418%
59	11.916	1635	1637	1641	rVB	216418	177956	17.20%	0.995%
60	11.974	1643	1647	1651	rBV4	28978	42855	4.14%	0.240%
61	12.010	1651	1653	1656	rVB	50677	40924	3.96%	0.229%
62	12.074	1661	1664	1666	rVV2	122257	106690	10.31%	0.596%
63	12.104	1666	1669	1673	rVB	70726	79421	7.68%	0.444%
64	12.204	1684	1686	1687	rBV	44194	36305	3.51%	0.203%
65	12.221	1687	1689	1692	rVB	91753	63448	6.13%	0.355%
66	12.257	1692	1695	1697	rBV	122842	116945	11.30%	0.654%
67	12.280	1697	1699	1702	rVB	90063	71016	6.86%	0.397%
68	12.327	1703	1707	1710	rBV	286799	288367	27.88%	1.612%
69	12.363	1710	1713	1716	rVV2	140893	177674	17.18%	0.993%
70	12.386	1716	1717	1719	rVB	81751	39499	3.82%	0.221%
71	12.416	1719	1722	1726	rBV2	89011	137016	13.24%	0.766%
72	12.492	1731	1735	1738	rBV	816586	658925	63.70%	3.683%
73	12.533	1739	1742	1744	rVV2	65208	66635	6.44%	0.372%
74	12.557	1744	1746	1748	rVV2	45764	41277	3.99%	0.231%
75	12.586	1749	1751	1753	rVB2	28652	24078	2.33%	0.135%
76	12.645	1758	1761	1763	rBV	73608	68775	6.65%	0.384%

LSC Area Percent Report

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Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

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-BF060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.668	1763	1765	1768	rVB2	32868	32433	3.14%	0.181%
78	12.721	1768	1774	1780	rBV	944556	1000389	96.70%	5.592%
79	12.780	1780	1784	1787	rVB2	104526	119731	11.57%	0.669%
80	12.833	1787	1793	1795	rBV4	52488	102207	9.88%	0.571%
81	12.863	1795	1798	1800	rBV	185180	171353	16.56%	0.958%
82	12.939	1807	1811	1818	rBV3	110438	177836	17.19%	0.994%
83	12.992	1818	1820	1823	rBV2	48095	44709	4.32%	0.250%
84	13.045	1823	1829	1833	rVB	189679	285682	27.62%	1.597%
85	13.092	1835	1837	1839	rBV3	37226	36968	3.57%	0.207%
86	13.116	1839	1841	1844	rVB	170864	120673	11.66%	0.675%
87	13.151	1844	1847	1851	rBV	187055	190514	18.42%	1.065%
88	13.245	1860	1863	1866	rBV	135074	105436	10.19%	0.589%
89	13.274	1866	1868	1871	rVV	126201	109838	10.62%	0.614%
90	13.668	1933	1935	1938	rVB	59251	49531	4.79%	0.277%
91	13.721	1942	1944	1946	rBV	40472	45778	4.43%	0.256%
92	13.921	1973	1978	1981	rBV2	791617	966465	93.42%	5.402%
93	13.945	1981	1982	1989	rVB	293767	214926	20.78%	1.201%
94	14.010	1990	1993	1998	rBV3	79274	127880	12.36%	0.715%
95	14.268	2035	2037	2039	rBV	50528	49820	4.82%	0.278%
96	14.310	2042	2044	2046	rVB	115996	91906	8.88%	0.514%
97	14.951	2150	2153	2159	rVB	127126	194465	18.80%	1.087%
98	15.245	2200	2203	2207	rVB	101955	119438	11.55%	0.668%
99	15.304	2210	2213	2218	rVB	162283	192699	18.63%	1.077%
100	15.362	2220	2223	2231	rVV	342329	434795	42.03%	2.430%

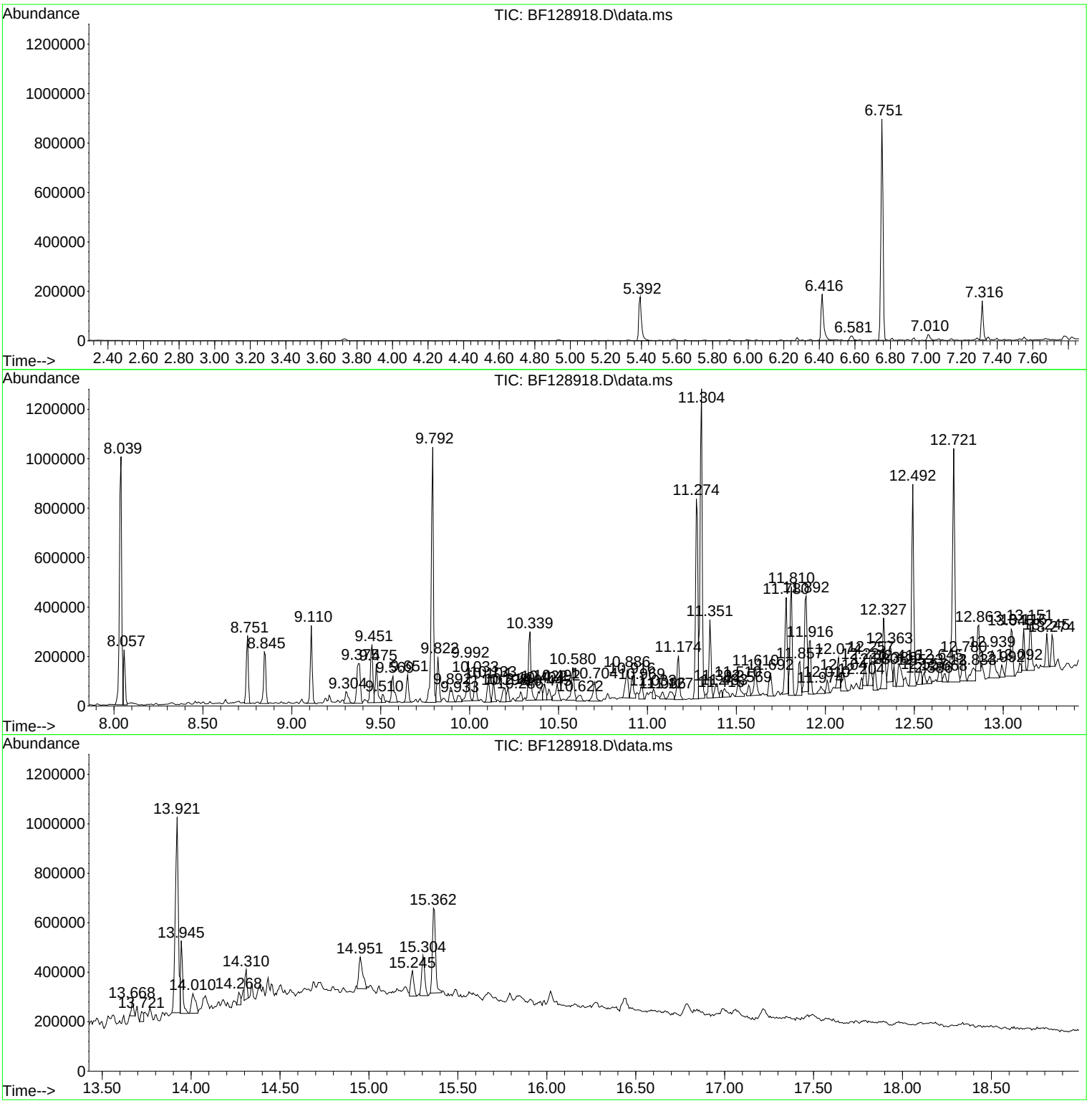
Sum of corrected areas: 17890706

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
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Misc :
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Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

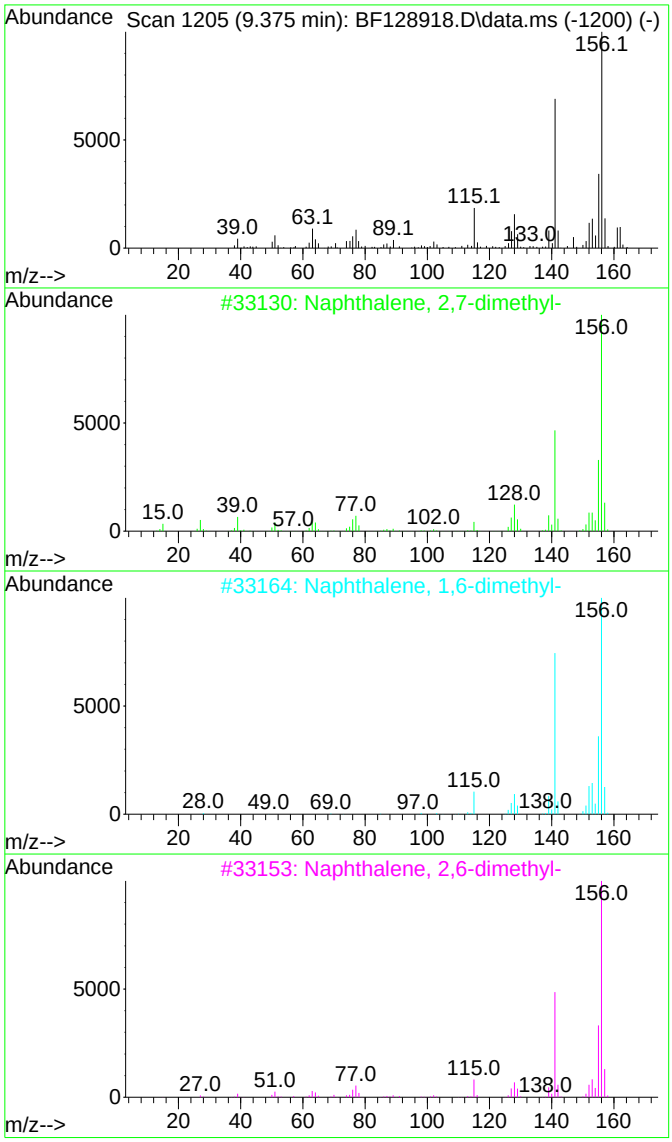
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

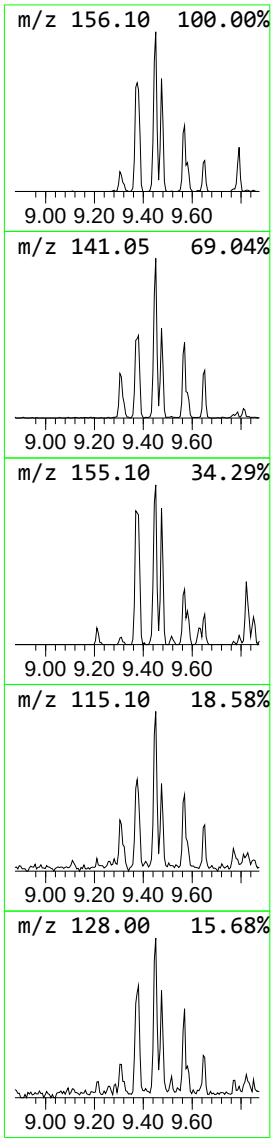
****

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.375	4.97 ng	218296	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

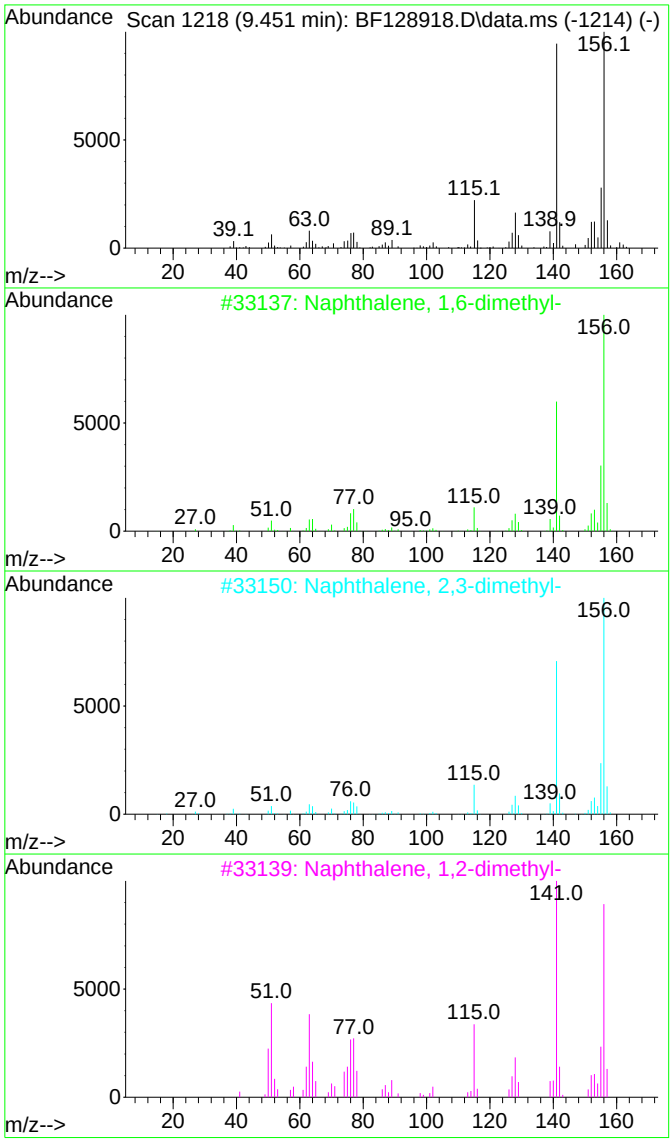
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

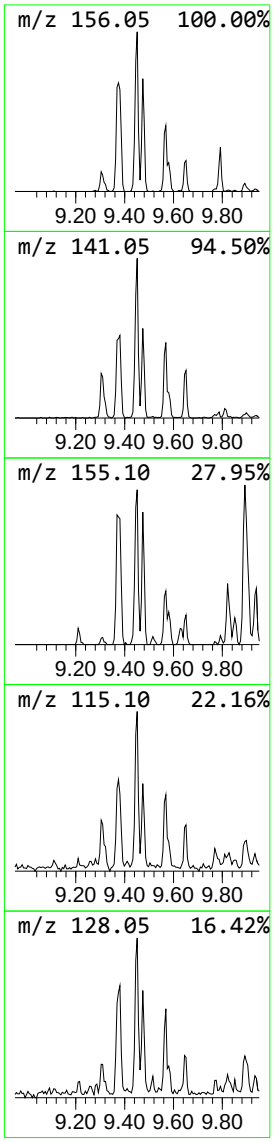
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	5.28 ng	231868	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
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ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

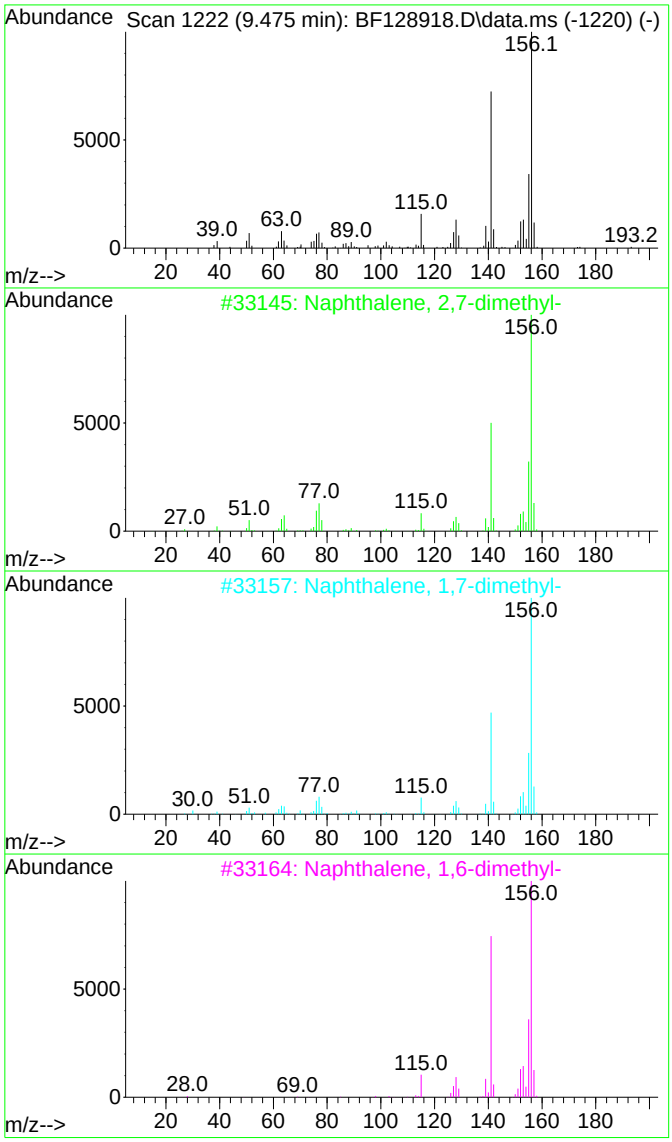
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

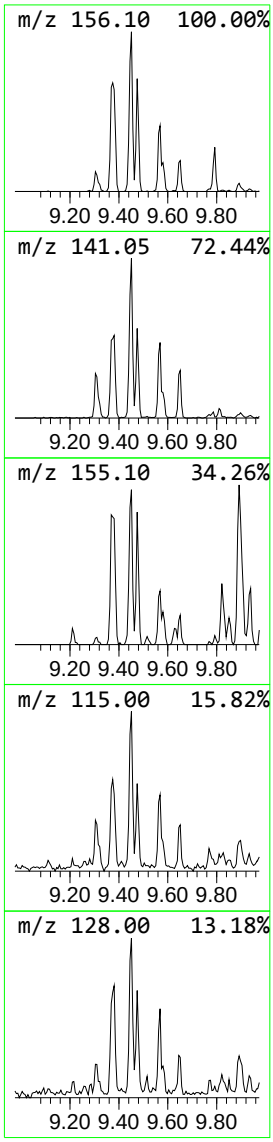
****

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	3.20 ng	140394	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
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Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

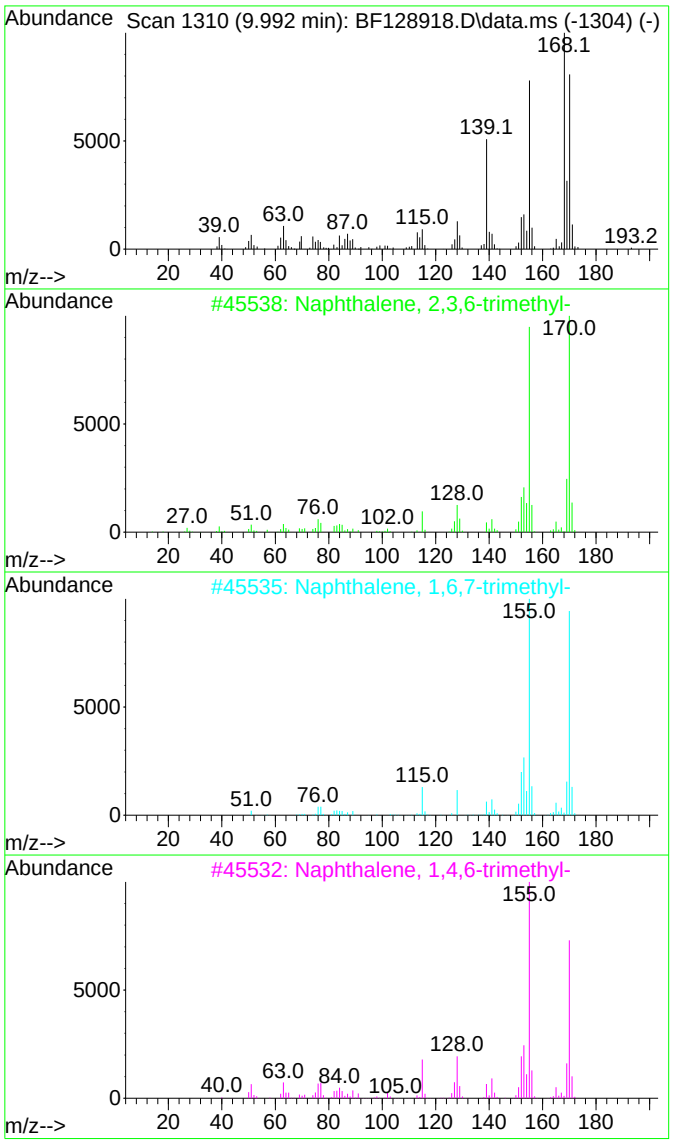
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

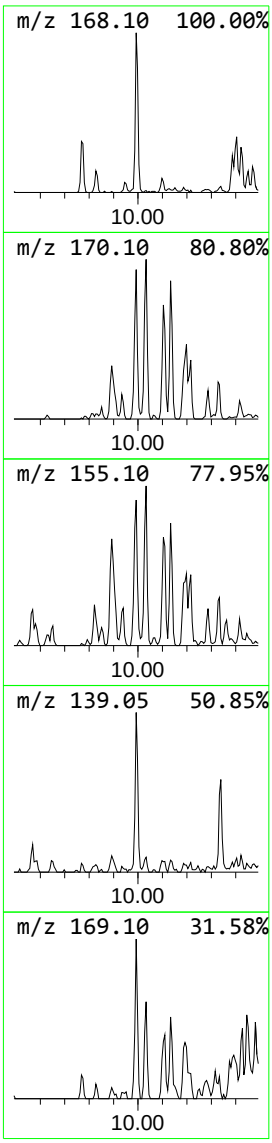
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.992	3.43 ng	150779	Acenaphthene-d10	9.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

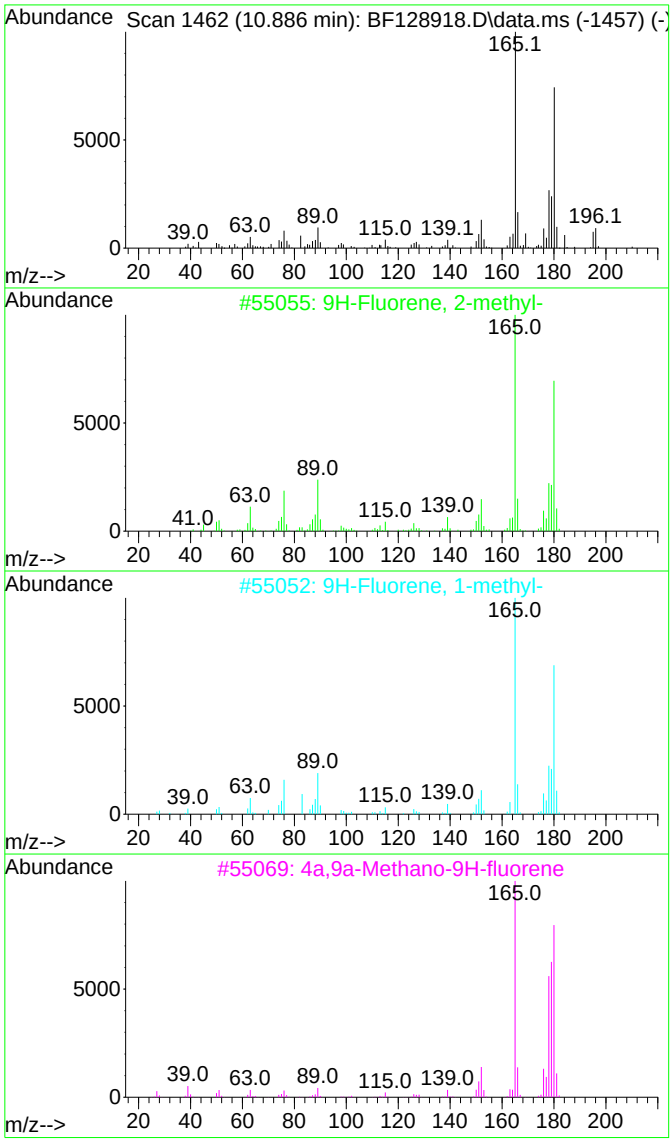
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

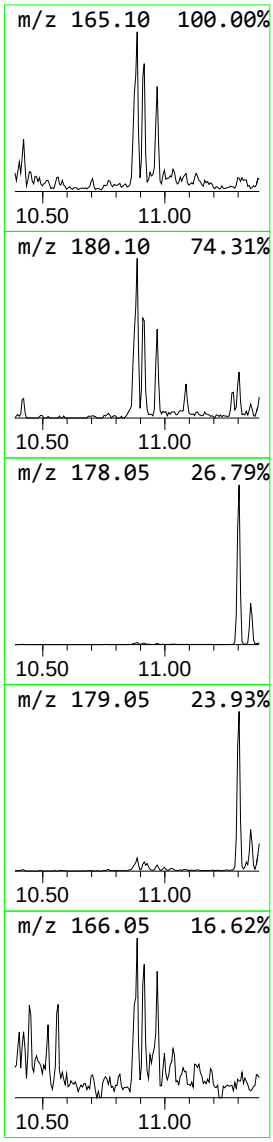
****

Peak Number 5 9H-Fluorene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.886	3.37 ng	124445	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68





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Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

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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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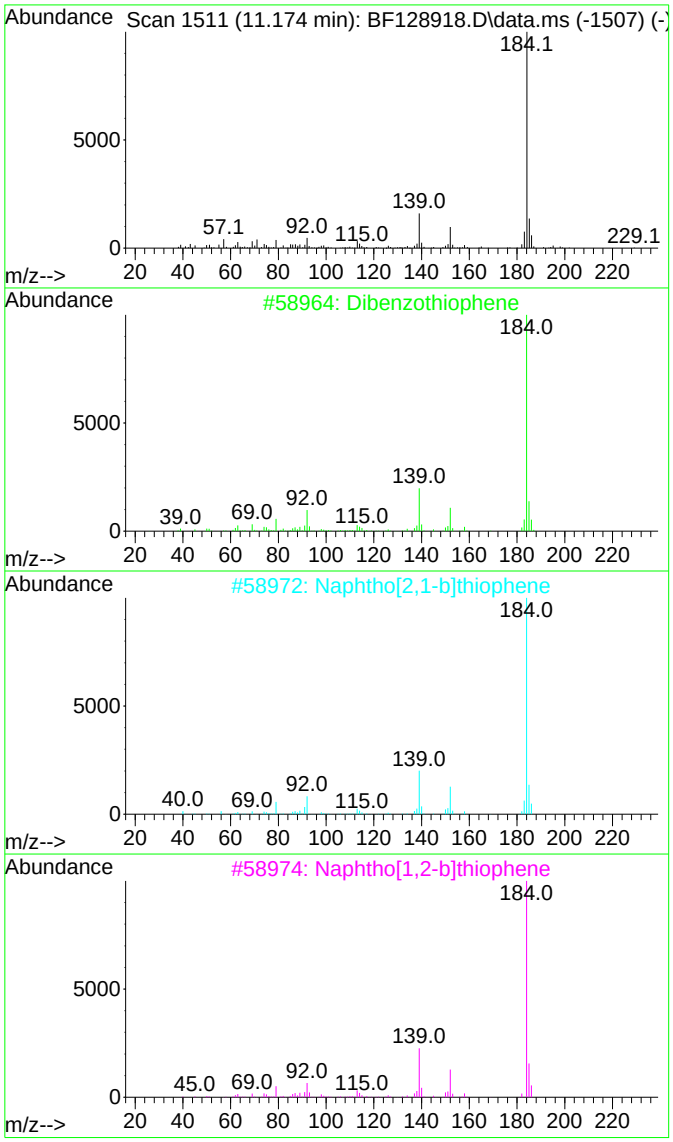
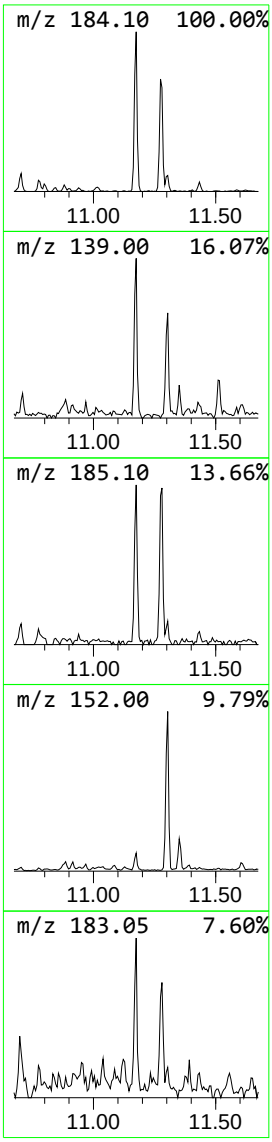
Peak Number 6 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	4.55 ng	167950	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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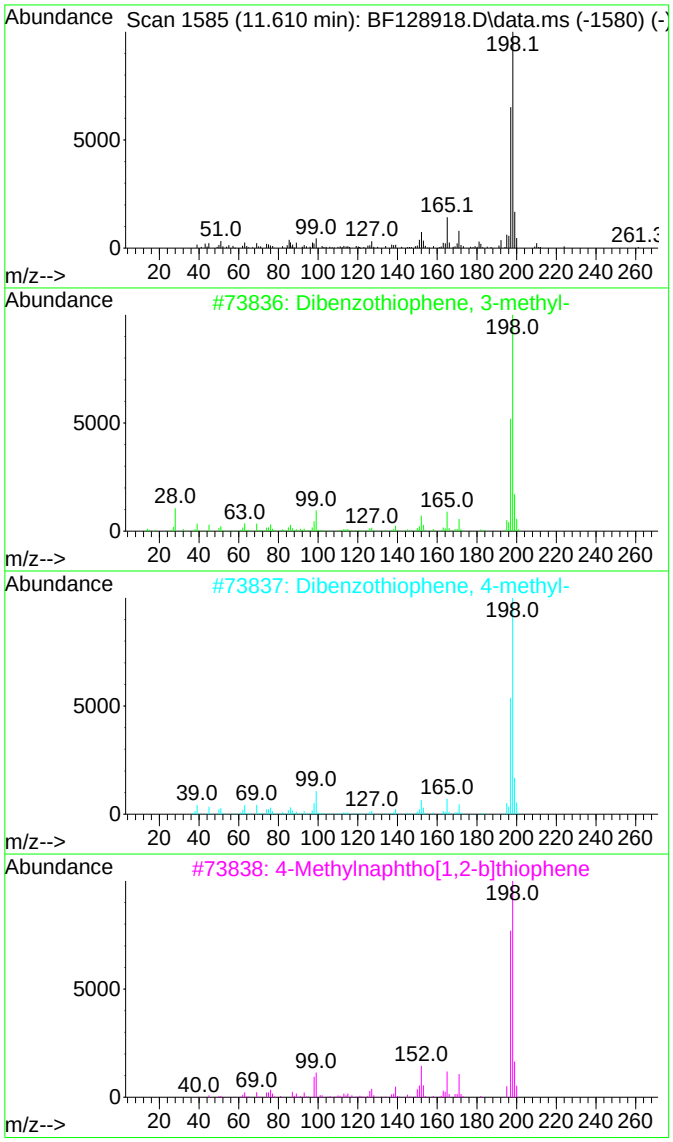
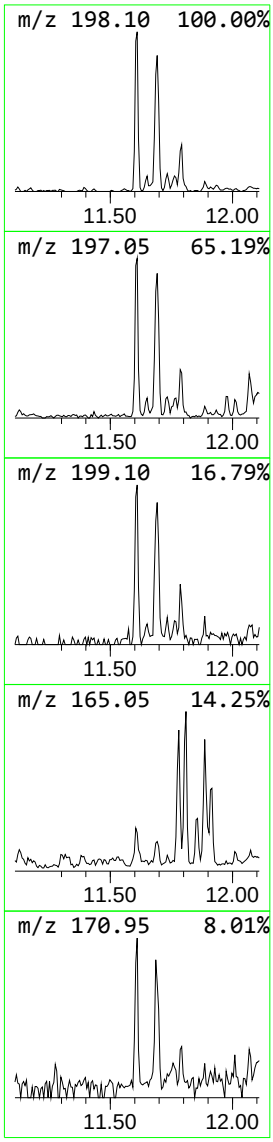
Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	3.28 ng	121139	Phenanthrene-d10	11.275

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	93
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	93
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	86





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-2-061722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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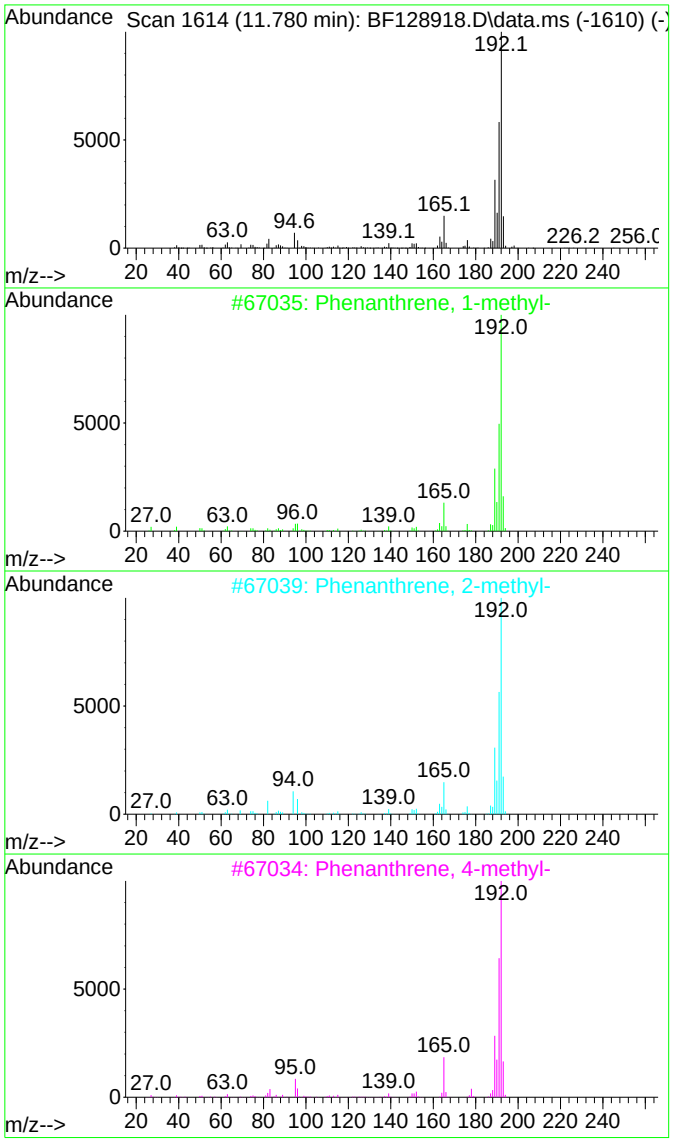
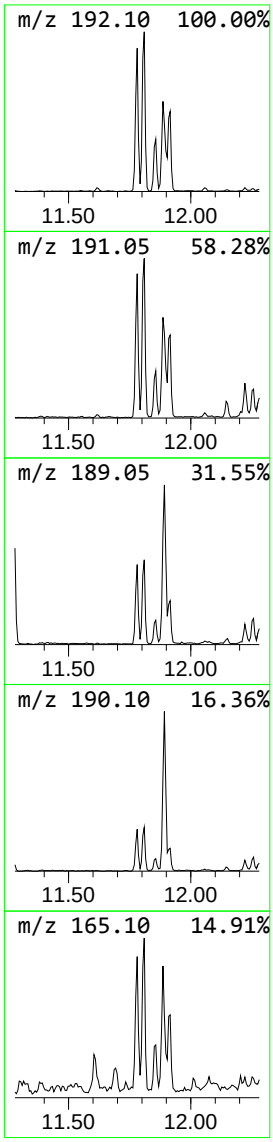
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.780	9.28 ng	342832	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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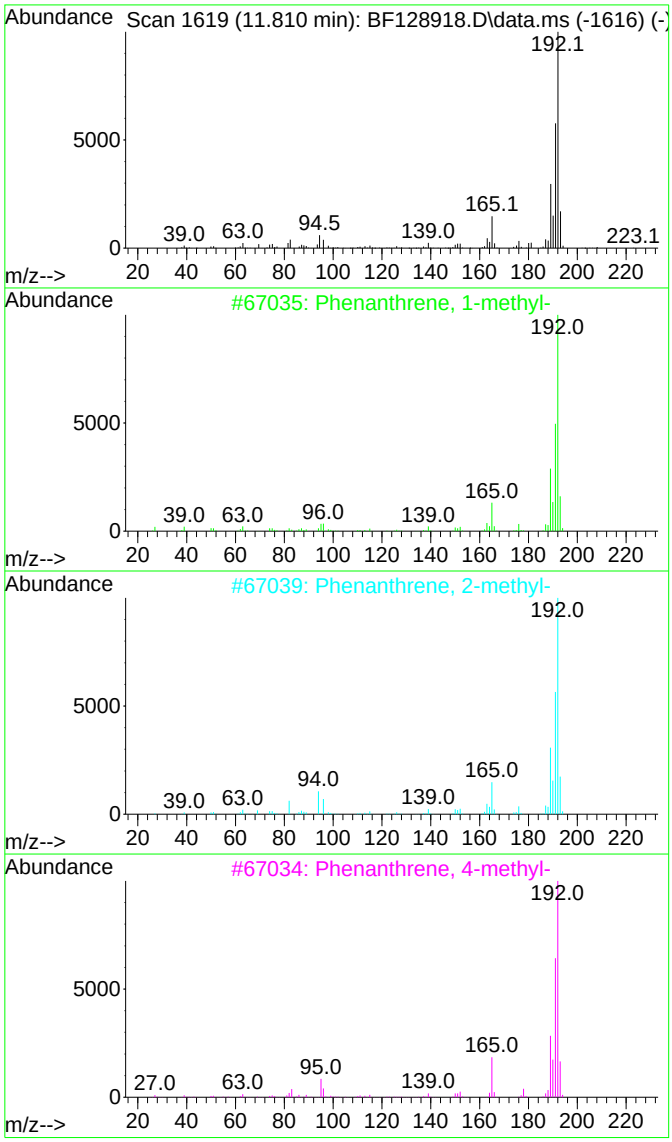
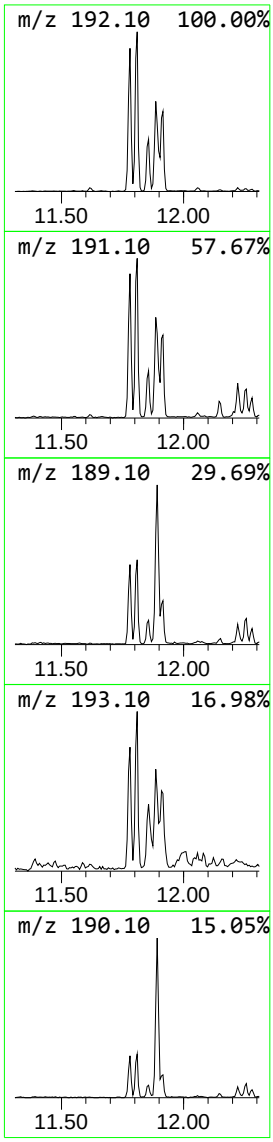
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	10.07 ng	372158	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 22 Jun 2022 01:17
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Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-2-061722

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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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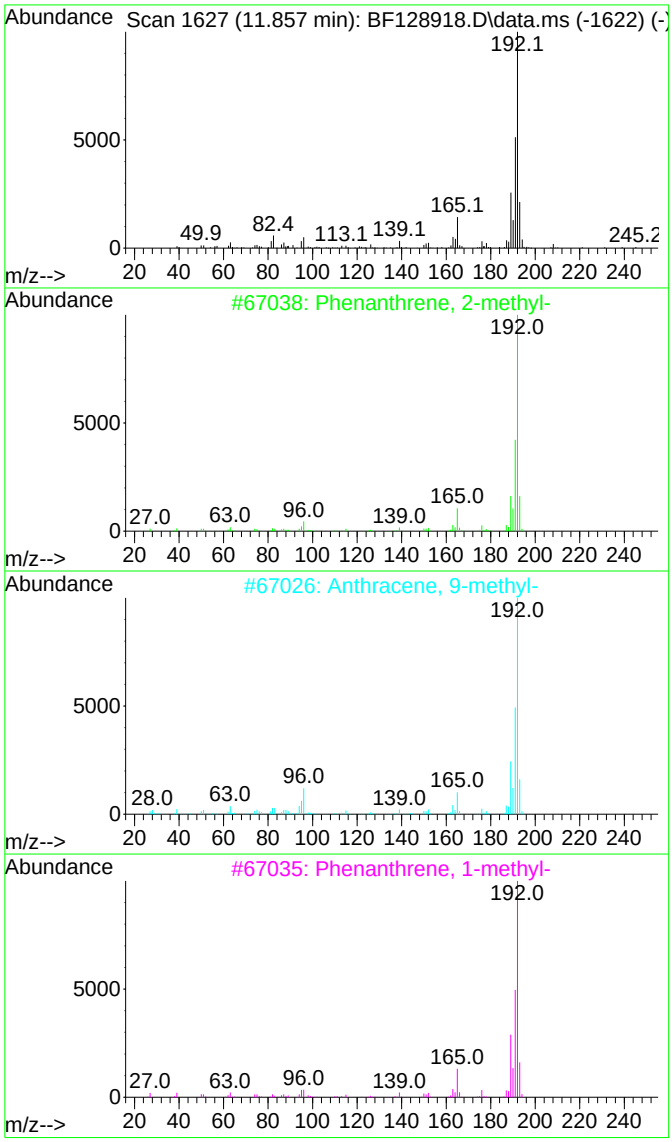
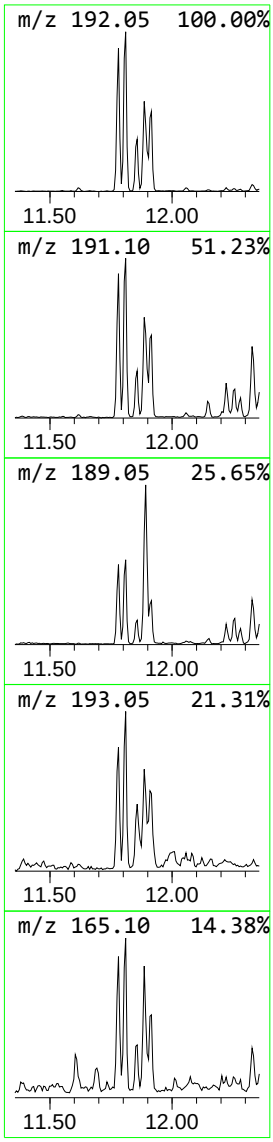
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	3.78 ng	139633	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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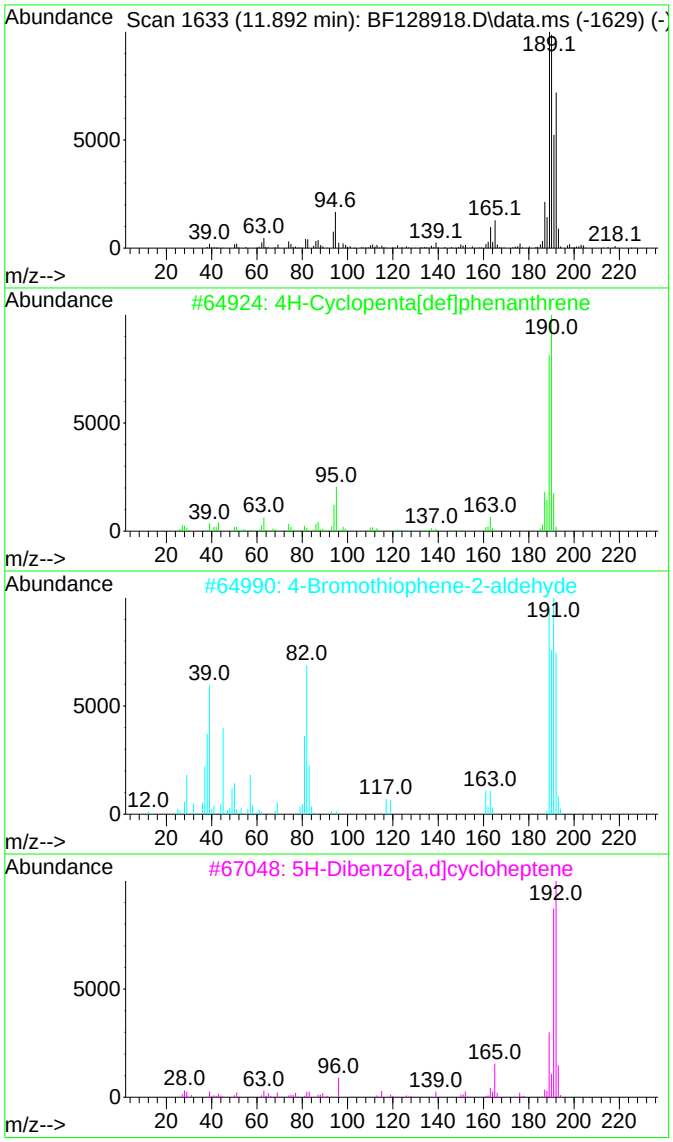
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

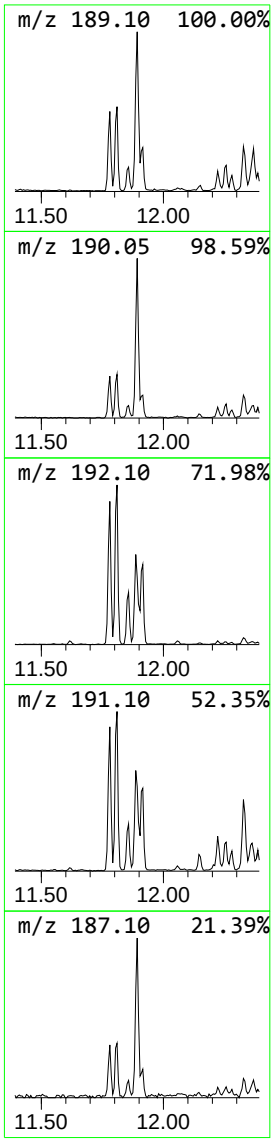
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	11.71 ng	432675	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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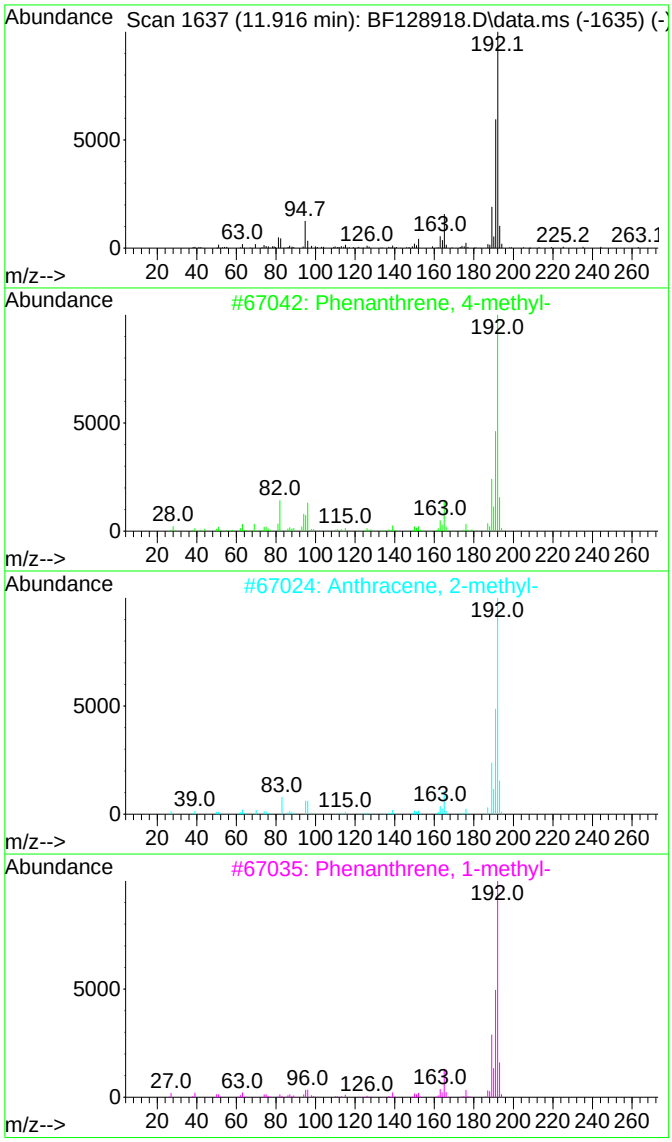
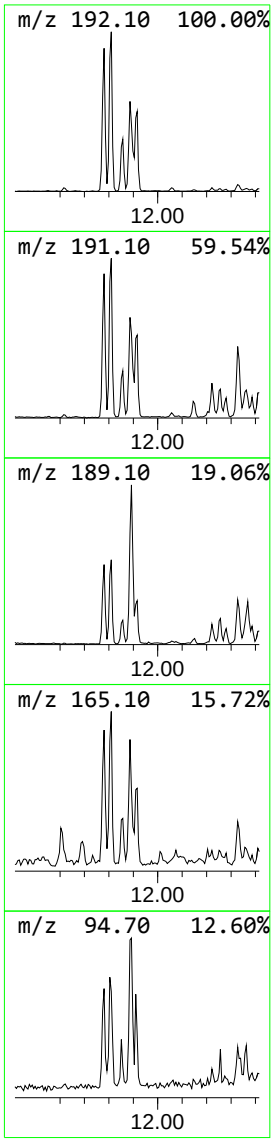
Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	4.82 ng	177956	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	68
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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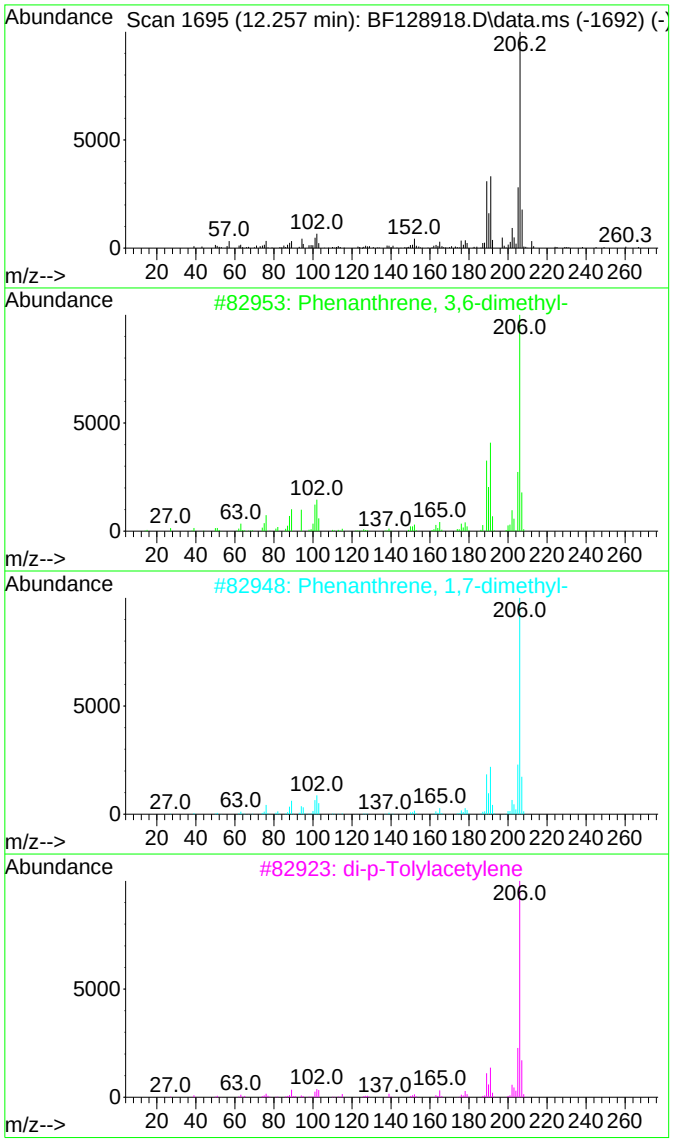
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

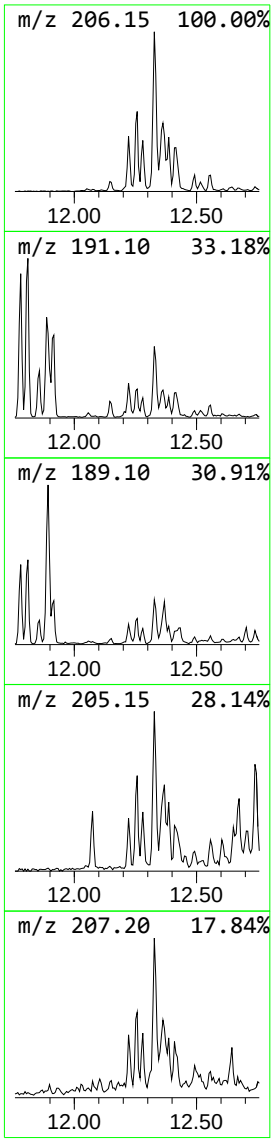
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.257	3.17 ng	116945	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72





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Sample : N3397-01 10X
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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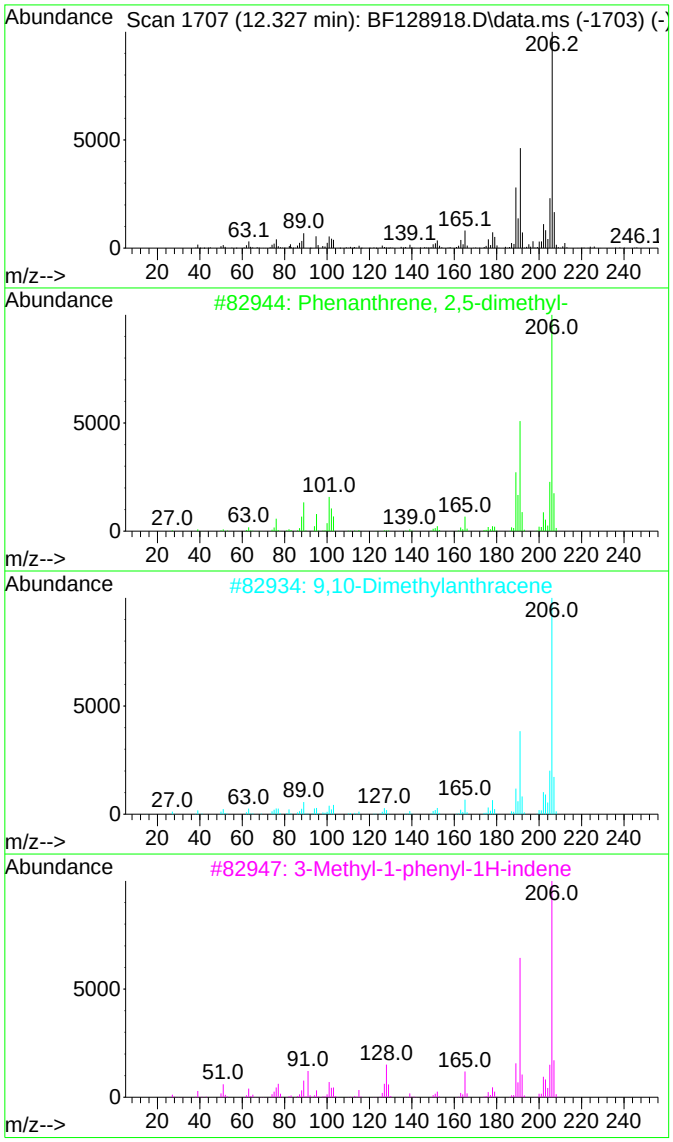
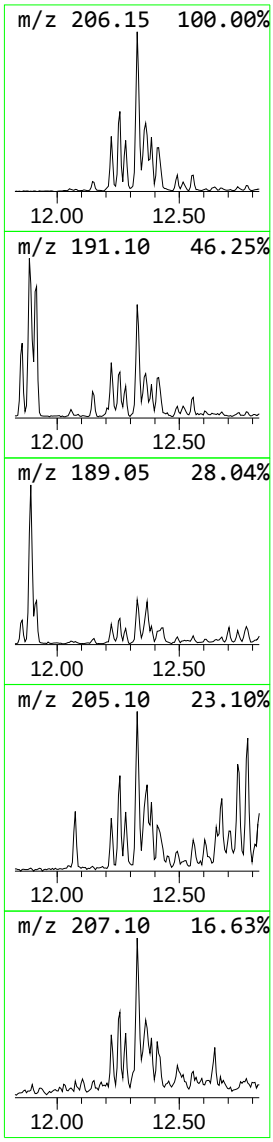
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.327	7.81 ng	288367	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91





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Misc :
ALS Vial : 19 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

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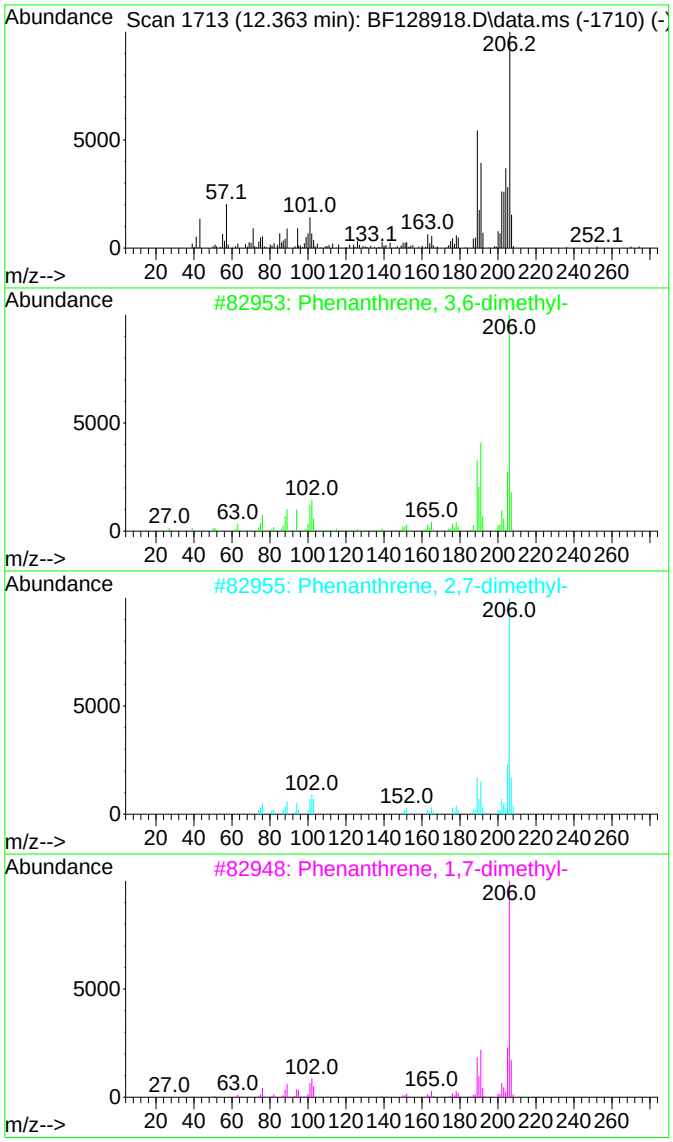
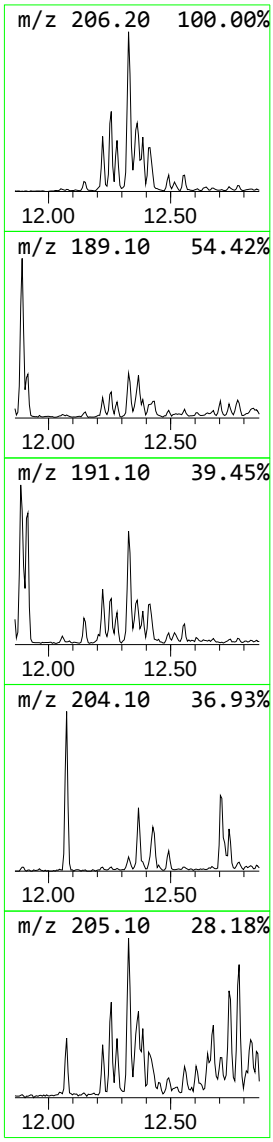
Peak Number 15 Phenanthrene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	4.81 ng	177674	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	58





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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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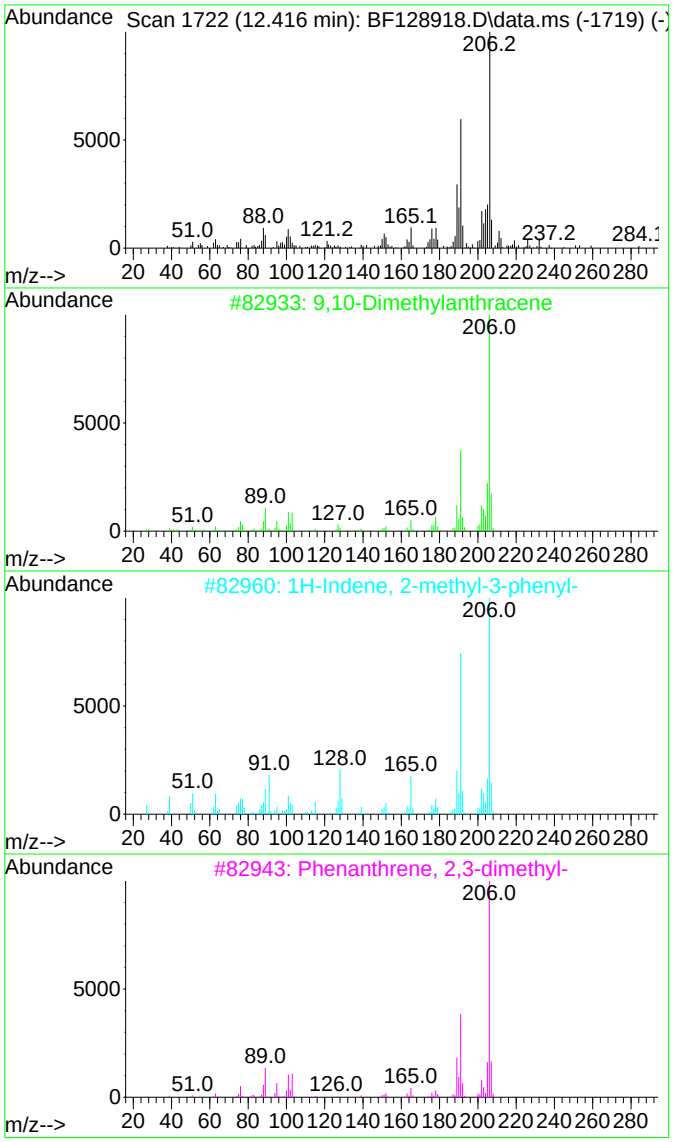
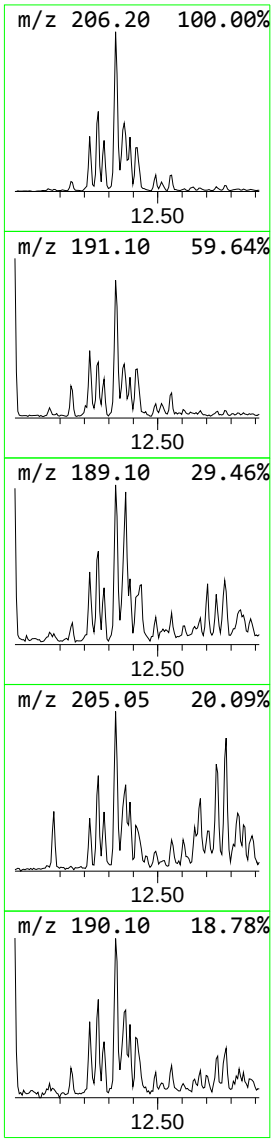
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	3.71 ng	137016	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	83
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76





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Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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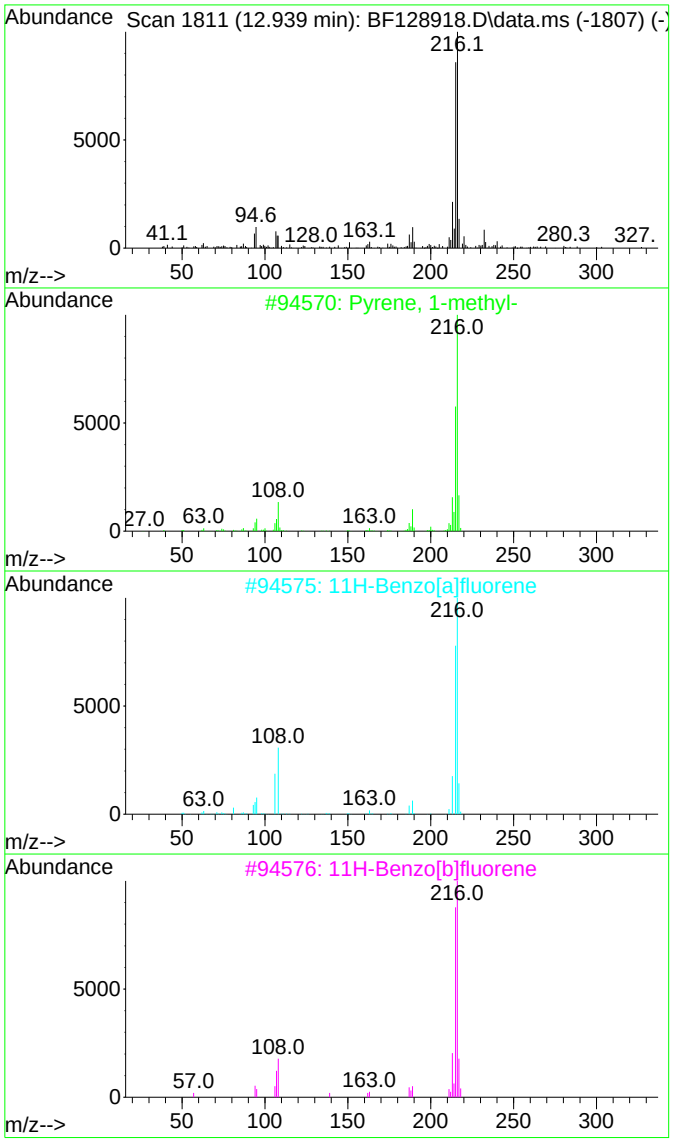
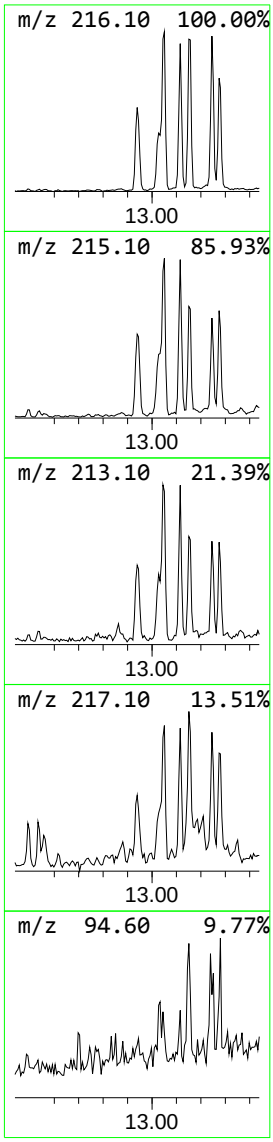
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.939	3.68 ng	177836	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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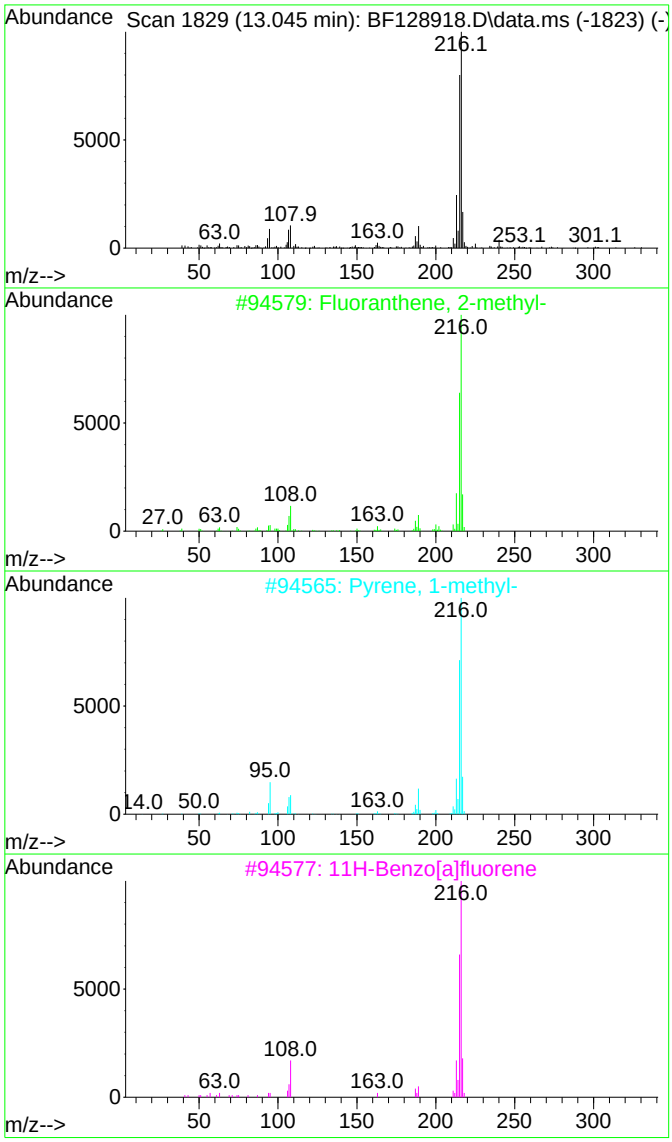
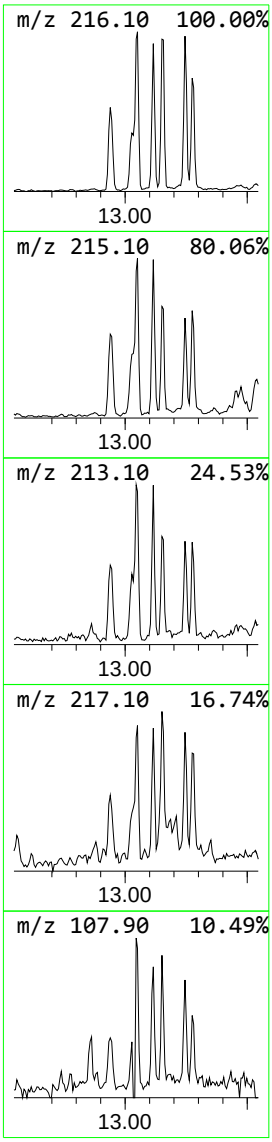
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.045	5.91 ng	285682	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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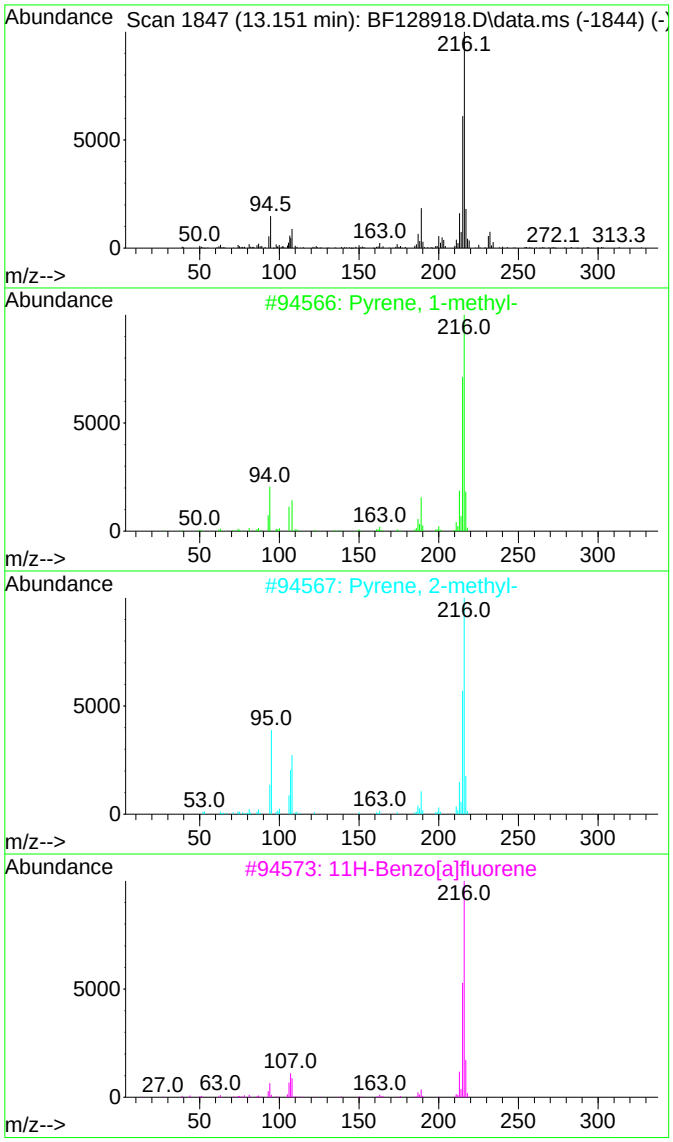
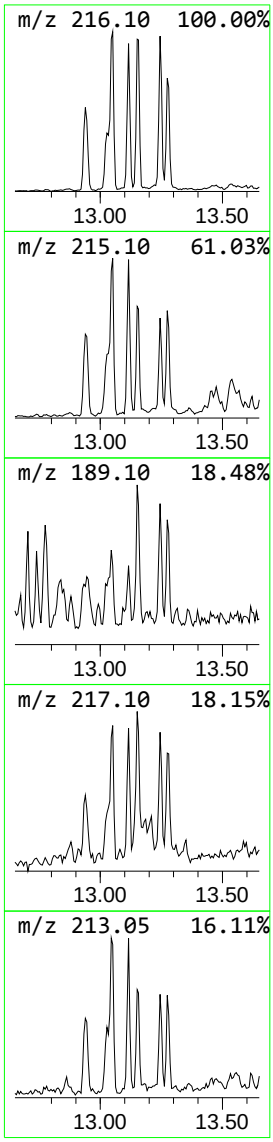
Peak Number 19 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	3.94 ng	190514	Chrysene-d12	13.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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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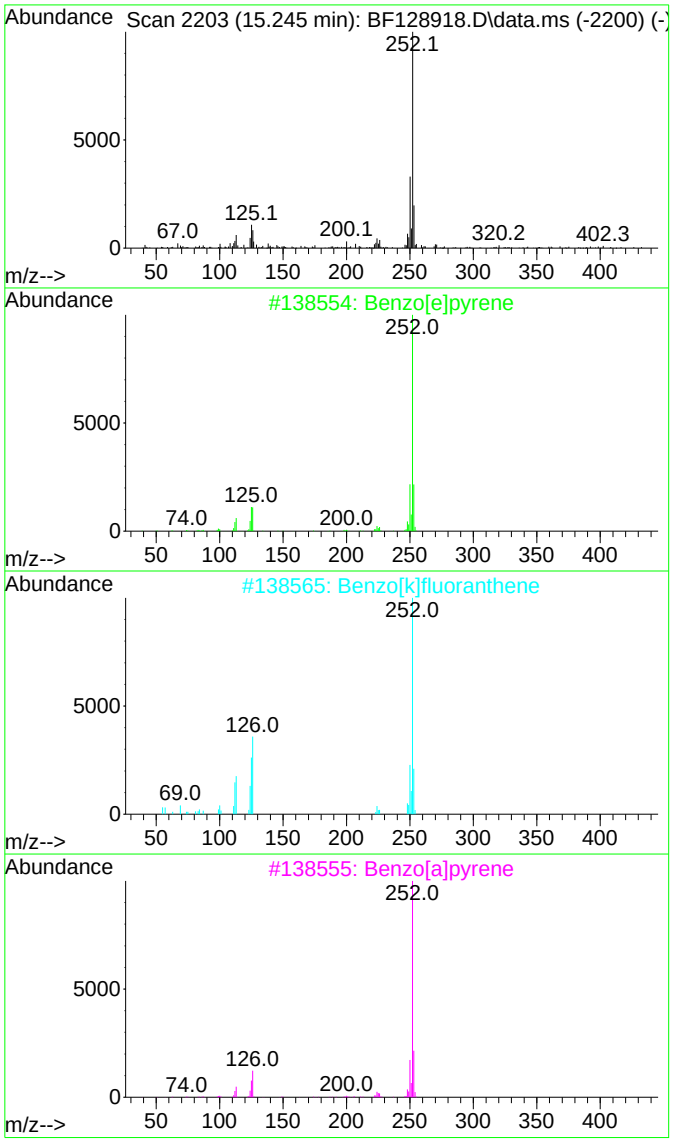
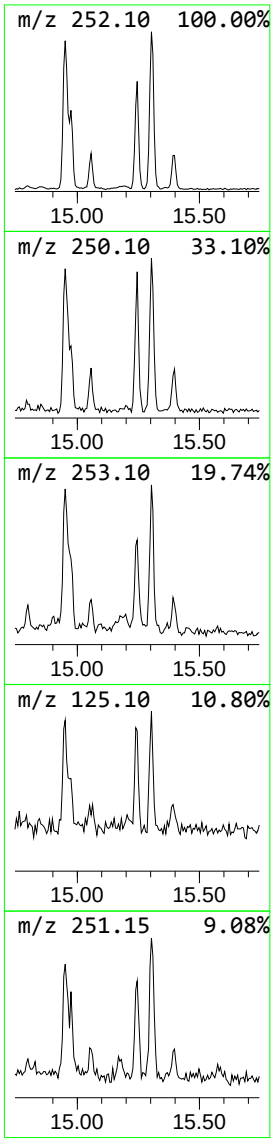
Peak Number 20 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	5.49 ng	119438	Perylene-d12	15.362

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128918.D
Acq On : 22 Jun 2022 01:17
Operator : CG\JU
Sample : N3397-01 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.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,...	9.375	5.0	ng	218296	3	9.792	878526	20.0
Naphthalene, 1,...	9.451	5.3	ng	231868	3	9.792	878526	20.0
Naphthalene, 1,...	9.475	3.2	ng	140394	3	9.792	878526	20.0
Naphthalene, 2,...	9.992	3.4	ng	150779	3	9.792	878526	20.0
9H-Fluorene, 2-...	10.886	3.4	ng	124445	4	11.275	738820	20.0
Dibenzothiophene	11.175	4.5	ng	167950	4	11.275	738820	20.0
Dibenzothiophen...	11.610	3.3	ng	121139	4	11.275	738820	20.0
Phenanthrene, 1...	11.780	9.3	ng	342832	4	11.275	738820	20.0
Phenanthrene, 2...	11.810	10.1	ng	372158	4	11.275	738820	20.0
Anthracene, 9-m...	11.857	3.8	ng	139633	4	11.275	738820	20.0
4H-Cyclopenta[d...	11.892	11.7	ng	432675	4	11.275	738820	20.0
Phenanthrene, 4...	11.916	4.8	ng	177956	4	11.275	738820	20.0
Phenanthrene, 3...	12.257	3.2	ng	116945	4	11.275	738820	20.0
Phenanthrene, 2...	12.327	7.8	ng	288367	4	11.275	738820	20.0
Phenanthrene, 2...	12.363	4.8	ng	177674	4	11.275	738820	20.0
9,10-Dimethylan...	12.416	3.7	ng	137016	4	11.275	738820	20.0
Pyrene, 1-methyl-	12.939	3.7	ng	177836	5	13.921	966465	20.0
Fluoranthene, 2...	13.045	5.9	ng	285682	5	13.921	966465	20.0
Pyrene, 2-methyl-	13.151	3.9	ng	190514	5	13.921	966465	20.0
Benzo[e]pyrene	15.245	5.5	ng	119438	6	15.362	434795	20.0