LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-07312024-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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138750.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	500	504	513	rVB	54578	82548	1.73%	0.174%
2	5.475	569	575	592	rBV	862075	1127668	23.60%	2.382%
3	6.487	741	747	761	rBV	811364	1038338	21.73%	2.194%
4	6.845	803	808	813	rVB	247034	296503	6.21%	0.626%
5	7.410	898	904	911	rBV	502598	637157	13.34%	1.346%
6	8.128	1018	1026	1033	rBV	275791	388630	8.13%	0.821%
7	8.439	1070	1079	1085	rBV	32987	55962	1.17%	0.118%
8	8.939	1159	1164	1168	rVB	48107	60681	1.27%	0.128%
9	9.198	1203	1208	1213	rBV	867879	1047123	21.92%	2.212%
10	9.463	1248	1253	1258	rBV	84718	131117	2.74%	0.277%
11	9.539	1261	1266	1268	rVV	131860	178126	3.73%	0.376%
12	9.563	1268	1270	1274	rVV	75836	98593	2.06%	0.208%
13	9.657	1281	1286	1294	rVB	68194	107600	2.25%	0.227%
14	9.739	1295	1300	1305	rBV	159743	204425	4.28%	0.432%
15	9.881	1316	1324	1327	rBV	287545	397940	8.33%	0.841%
16	9.910	1327	1329	1333	rVB	146215	168070	3.52%	0.355%
17	9.981	1337	1341	1346	rVB3	62370	94078	1.97%	0.199%
18	10.081	1353	1358	1362	rBV2	182392	246789	5.17%	0.521%
19	10.122	1362	1365	1369	rVB	88334	101508	2.12%	0.214%
20	10.192	1373	1377	1380	rBV2	87874	121800	2.55%	0.257%
21	10.222	1380	1382	1388	rVB	63456	77486	1.62%	0.164%
22	10.286	1388	1393	1394	rBV2	69402	98898	2.07%	0.209%
23	10.375	1403	1408	1412	rBV3	34816	50315	1.05%	0.106%
24	10.428	1412	1417	1422	rVB	282060	368965	7.72%	0.779%
25	10.492	1422	1428	1430	rBV3	66499	119117	2.49%	0.252%
26	10.586	1439	1444	1448	rVB2	99152	150559	3.15%	0.318%
27	10.669	1453	1458	1463	rBV	575765	758829	15.88%	1.603%
28	10.786	1473	1478	1484	rVB3	87939	169069	3.54%	0.357%
29	10.975	1504	1510	1513	rBV2	146098	239744	5.02%	0.506%
30	11.004	1513	1515	1518	rVB2	79034	76908	1.61%	0.162%
31	11.057	1521	1524	1527	rVB	61505	73889	1.55%	0.156%
32	11.104	1527	1532	1534	rBV2	65096	107520	2.25%	0.227%
33	11.175	1540	1544	1548	rVV	86464	103979	2.18%	0.220%
34	11.222	1548	1552	1555	rVV3	89878	138993	2.91%	0.294%
35	11.263	1555	1559	1565	rVB	183400	269788	5.65%	0.570%
36	11.398	1572	1582	1587	rBV2	2241846	3498302	73.22%	7.390%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.445	1587	1590	1594	rVV	609348	741234	15.51%	1.566%
38	11.604	1613	1617	1623	rBV2	99094	178177	3.73%	0.376%
39	11.663	1623	1627	1630	rVV2	101635	152474	3.19%	0.322%
40	11.698	1630	1633	1638	rVB3	139264	191461	4.01%	0.404%
41	11.780	1644	1647	1651	rVB	87225	118258	2.48%	0.250%
42	11.827	1652	1655	1658	rBV	40239	51431	1.08%	0.109%
43	11.875	1658	1663	1665	rBV	505957	700227	14.66%	1.479%
44	11.898	1665	1667	1672	rVB	674145	817387	17.11%	1.727%
45	11.951	1672	1676	1678	rBV	214603	276097	5.78%	0.583%
46	11.986	1678	1682	1690	rVB	898772	1654231	34.62%	3.495%
47	12.057	1690	1694	1699	rBV4	63856	132413	2.77%	0.280%
48	12.104	1699	1702	1705	rVB	48295	50890	1.07%	0.108%
49	12.169	1708	1713	1716	rBV	286615	395873	8.29%	0.836%
50	12.198	1716	1718	1722	rVB	176394	191490	4.01%	0.405%
51	12.316	1732	1738	1740	rBV2	113472	184093	3.85%	0.389%
52	12.345	1740	1743	1746	rBV	91461	95688	2.00%	0.202%
53	12.422	1751	1756	1759	rBV	382472	591189	12.37%	1.249%
54	12.463	1759	1763	1768	rVB2	303309	526647	11.02%	1.113%
55	12.516	1768	1772	1777	rVB3	226210	305125	6.39%	0.645%
56	12.598	1780	1786	1790	rBV	3137848	4691741	98.20%	9.912%
57	12.680	1798	1800	1804	rVB2	72176	74820	1.57%	0.158%
58	12.733	1805	1809	1813	rVV2	140528	227447	4.76%	0.481%
59	12.827	1817	1825	1829	rBV	2821700	4777772	100.00%	10.093%
60	12.869	1829	1832	1836	rVB2	188875	245435	5.14%	0.519%
61	12.957	1839	1847	1854	rVB2	989705	1658306	34.71%	3.503%
62	13.033	1854	1860	1867	rBV5	338135	695308	14.55%	1.469%
63	13.145	1871	1879	1883	rVB	556428	995972	20.85%	2.104%
64	13.210	1886	1890	1893	rBV	383387	477499	9.99%	1.009%
65	13.251	1893	1897	1903	rVB2	349831	529864	11.09%	1.119%
66	13.339	1909	1912	1915	rBV	200100	267484	5.60%	0.565%
67	13.369	1915	1917	1925	rVB2	233970	337299	7.06%	0.713%
68	13.651	1958	1965	1970	rBV2	212046	429148	8.98%	0.907%
69	13.763	1980	1984	1986	rBV2	254507	351810	7.36%	0.743%
70	13.821	1991	1994	1997	rVV2	227287	383866	8.03%	0.811%
71	13.863	1998	2001	2009	rVB2	251856	394435	8.26%	0.833%
72	14.010	2020	2026	2029	rBV	1509527	2399923	50.23%	5.070%
73	14.045	2029	2032	2038	rVB	1212806	1681955	35.20%	3.553%
74	14.121	2042	2045	2049	rVB	157935	187507	3.92%	0.396%
75	14.398	2089	2092	2096	rVB	222681	256521	5.37%	0.542%
76	15.068	2200	2206	2219	rVV	967367	2397450	50.18%	5.065%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-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-BF073024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.168	2220	2223	2233	rVB	215724	315901	6.61%	0.667%
78	15.363	2252	2256	2262	rVB	489423	777852	16.28%	1.643%
79	15.433	2262	2268	2273	rBV	856711	1325529	27.74%	2.800%
80	16.968	2524	2529	2537	rVB2	317846	663495	13.89%	1.402%
81	17.421	2601	2606	2621	rVB	231990	549519	11.50%	1.161%

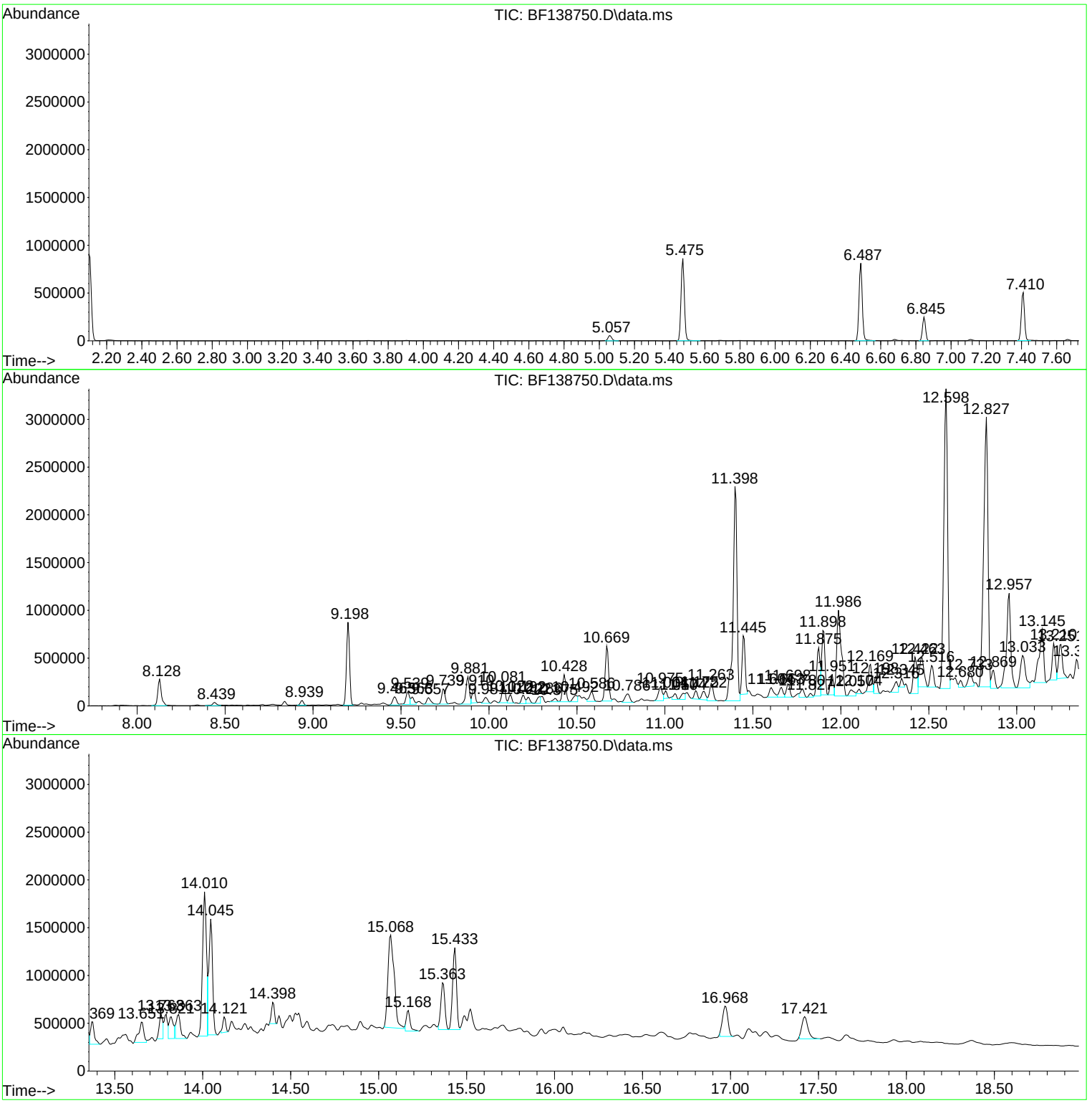
Sum of corrected areas: 47335260

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

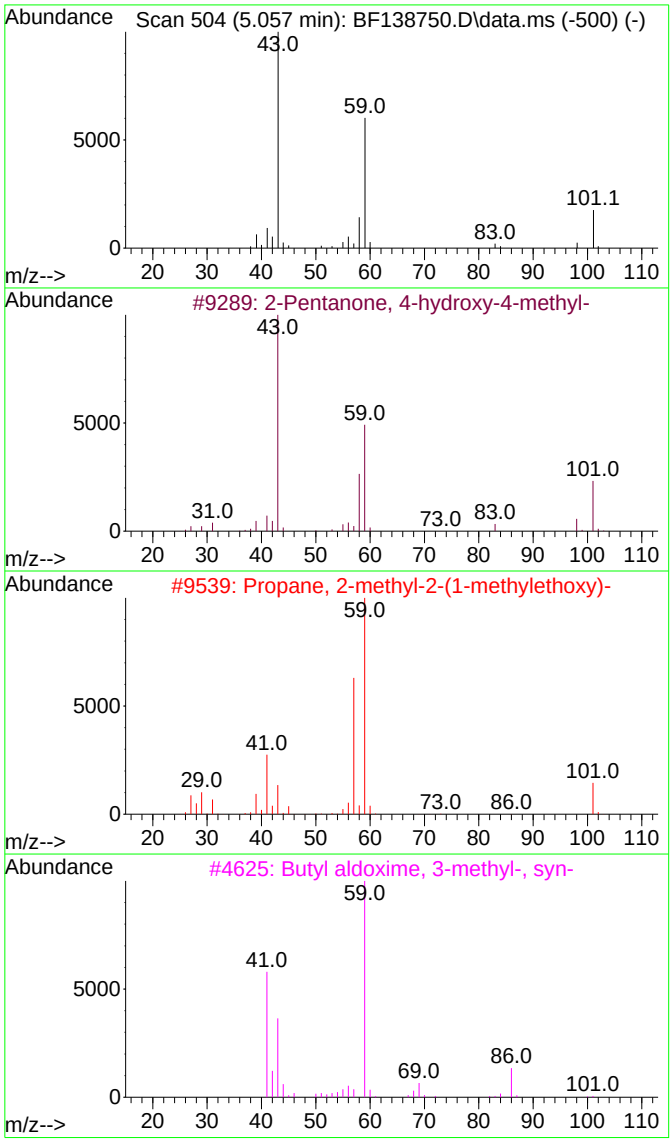
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

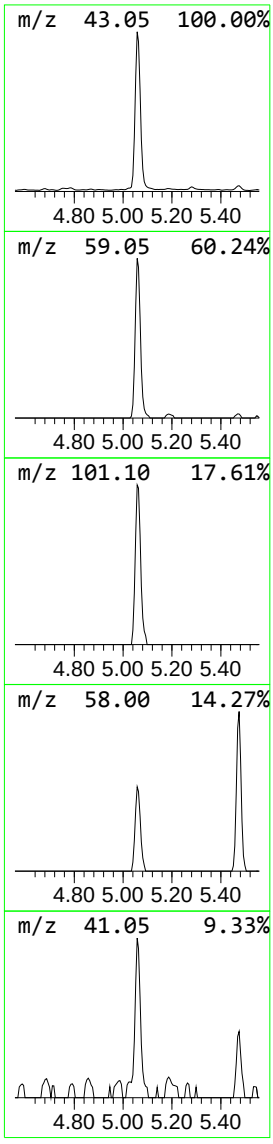
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	5.57 ng	82548	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

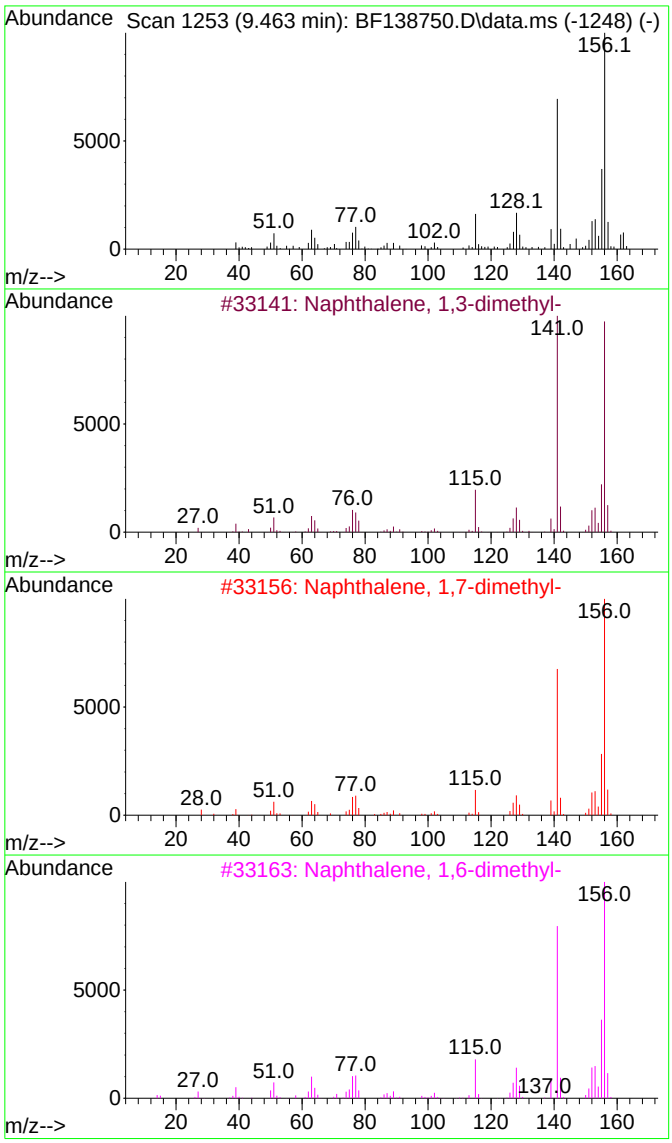
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

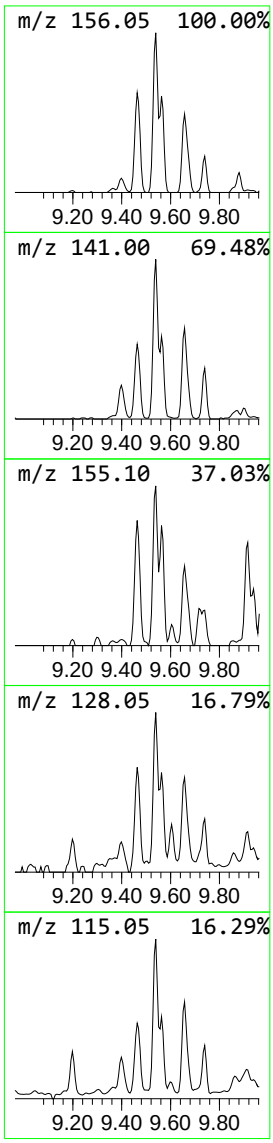
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	6.59 ng	131117	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

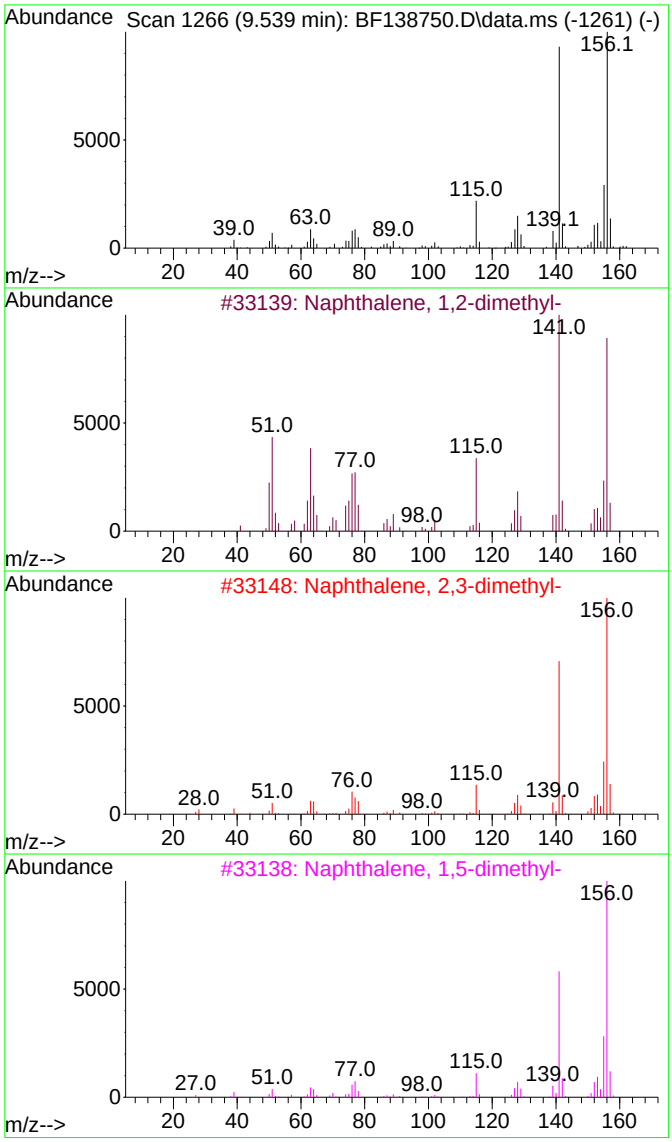
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

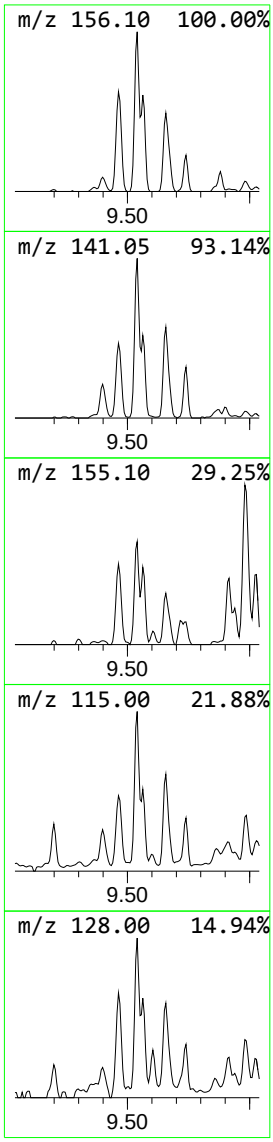
****

Peak Number 3 Naphthalene, 1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.539	8.95 ng	178126	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

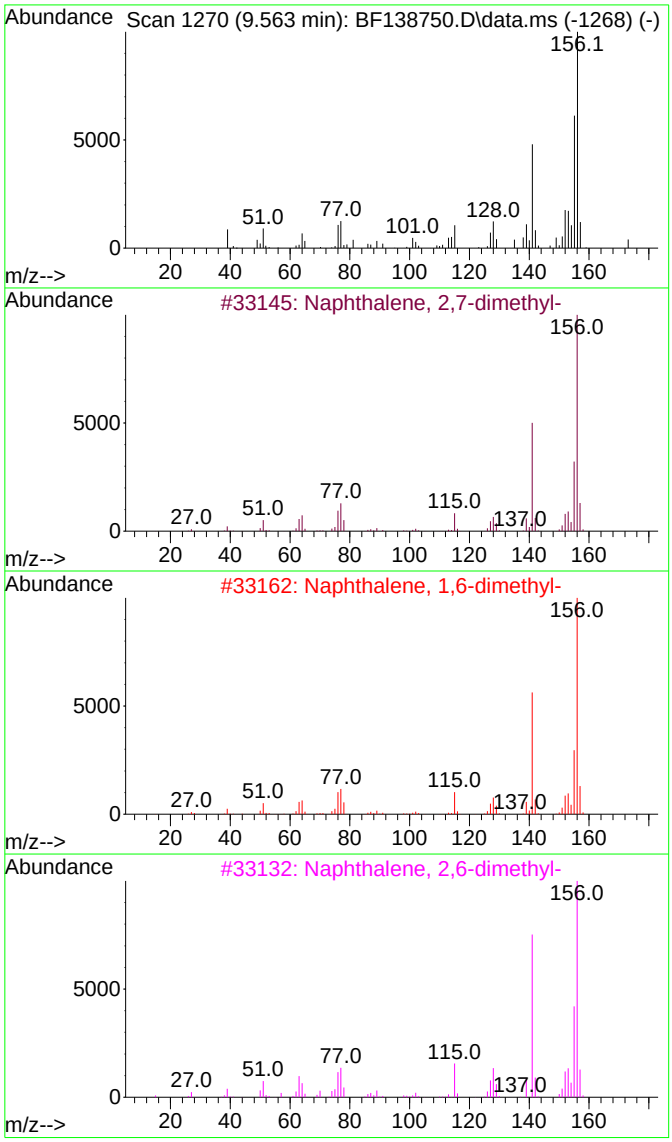
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

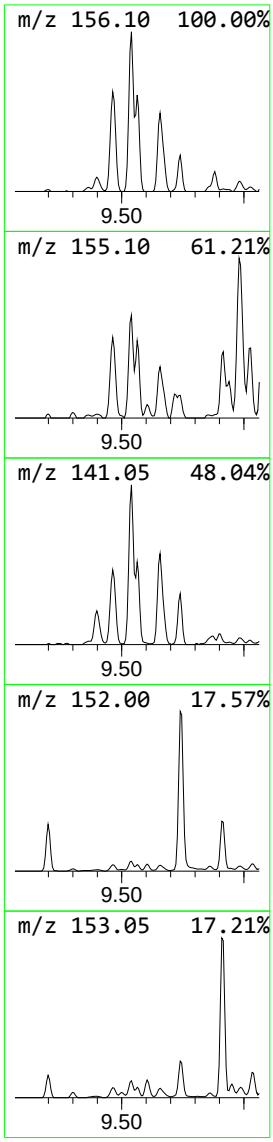
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	4.96 ng	98593	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	92
5	1,4-benzenedicarbonitrile, 2,5-d...	156	C10H8N2	1000404-33-1	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

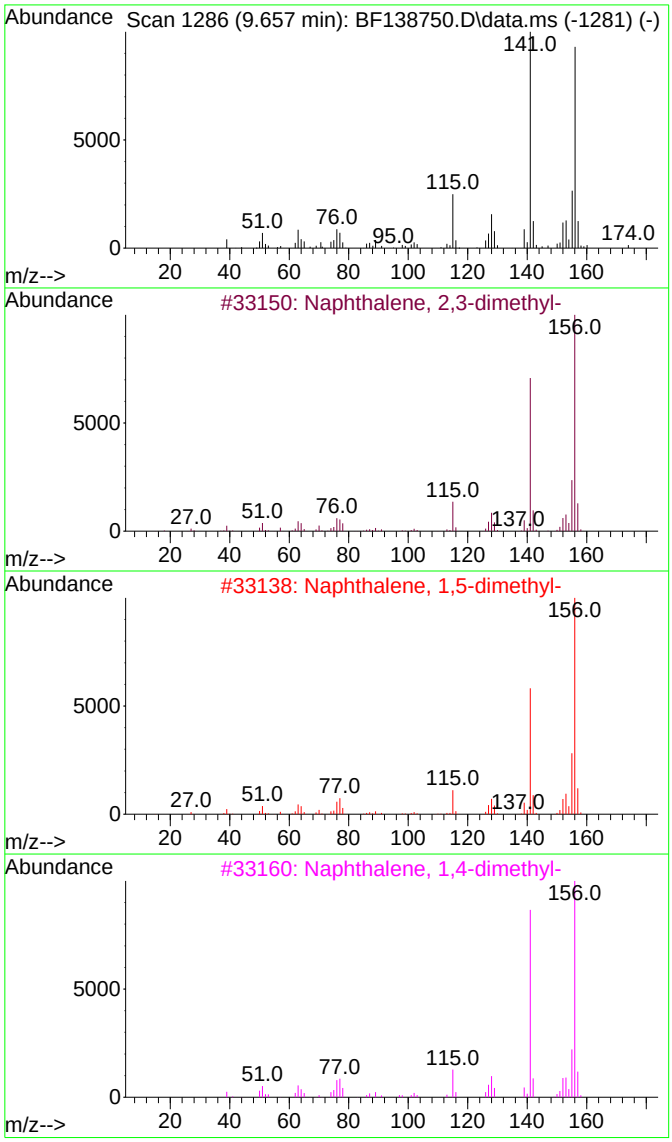
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

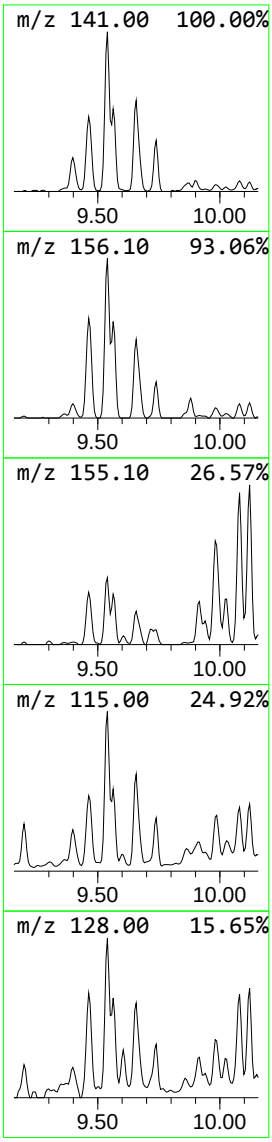
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	5.41 ng	107600	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

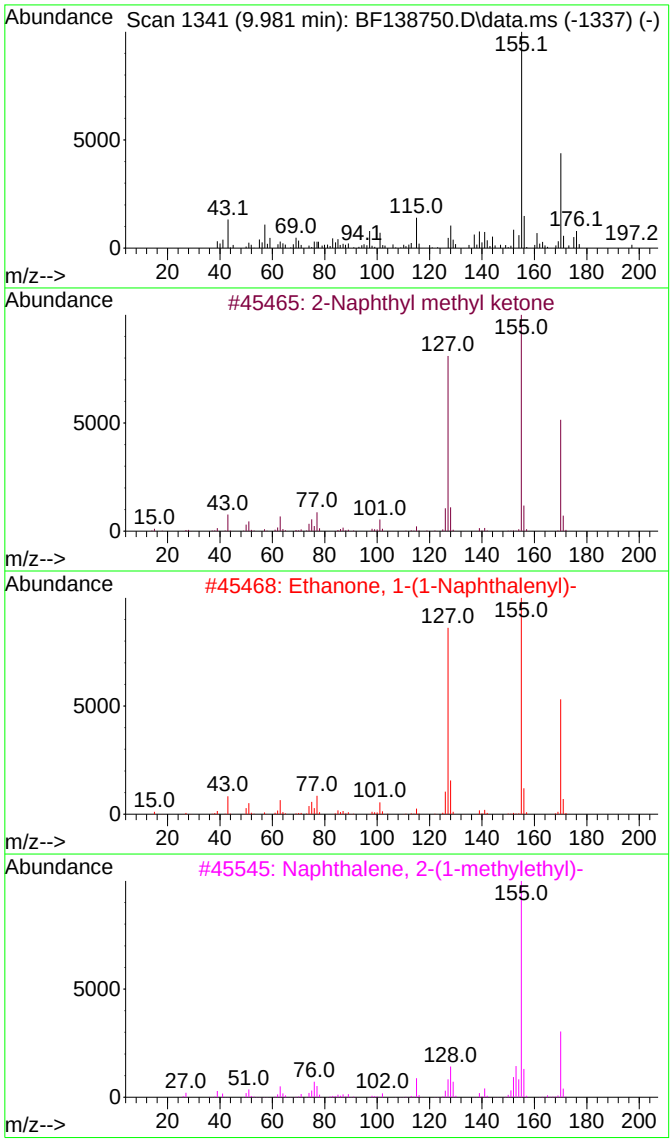
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

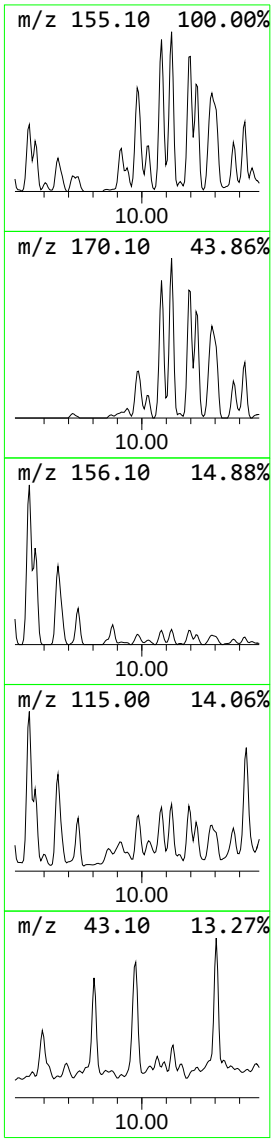
****

Peak Number 6 2-Naphthyl methyl ketone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.981	4.73 ng	94078	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	87
2	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	83
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	78
4	5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64





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Operator : RC/JU
Sample : P3414-03
Misc :
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ClientSampleId :
PL-02-07312024-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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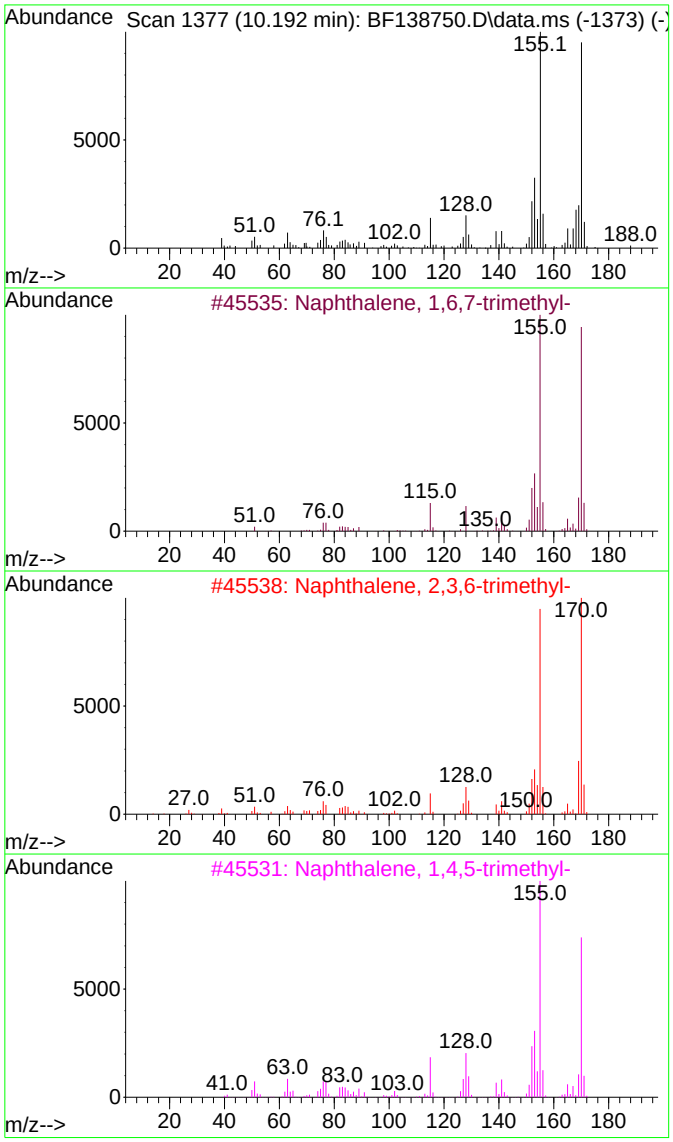
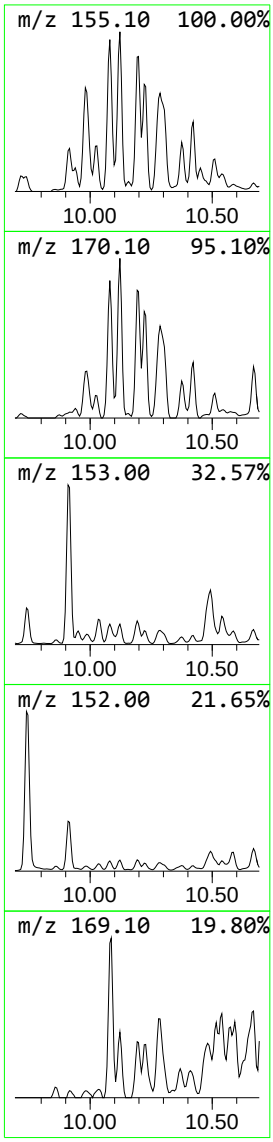
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	6.12 ng	121800	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Misc :
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Instrument :
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ClientSampleId :
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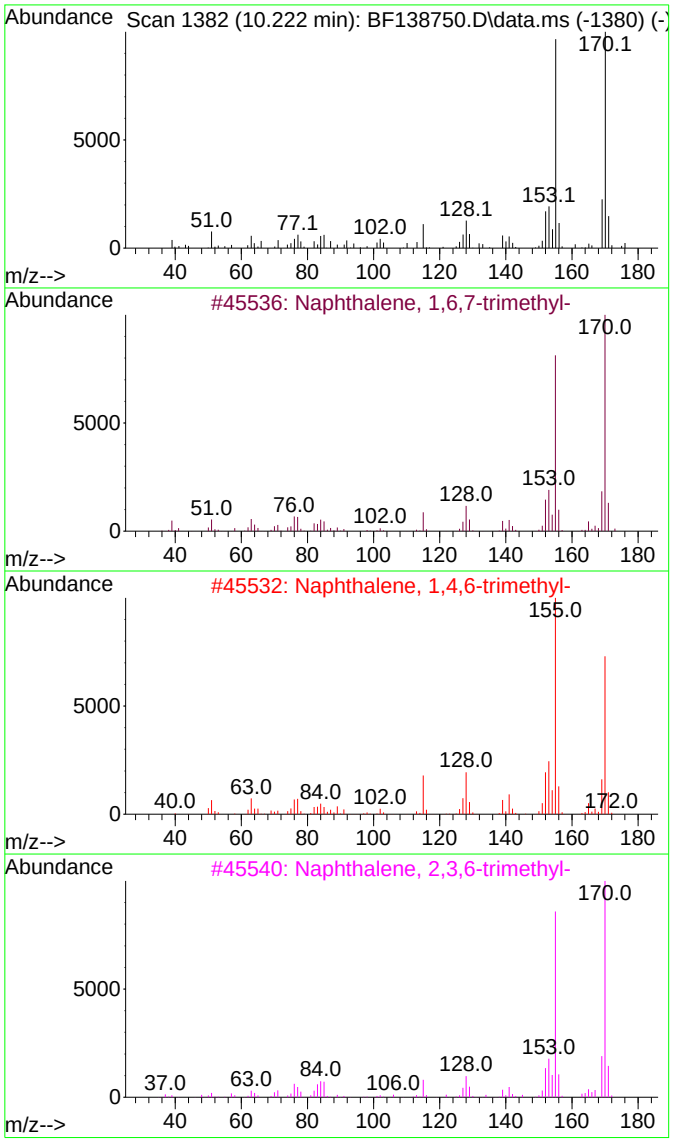
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

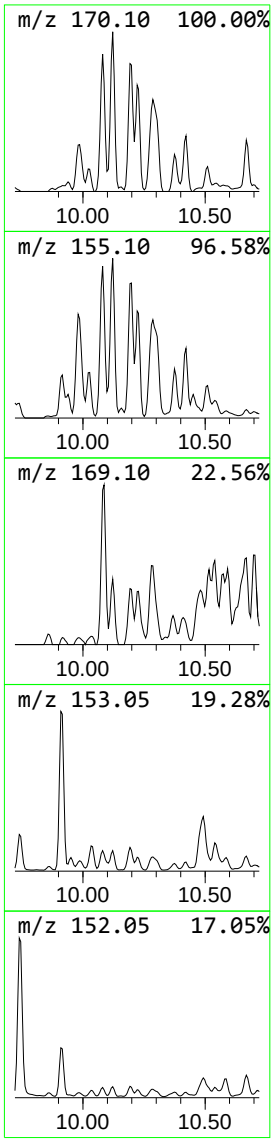
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.222	3.89 ng	77486	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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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

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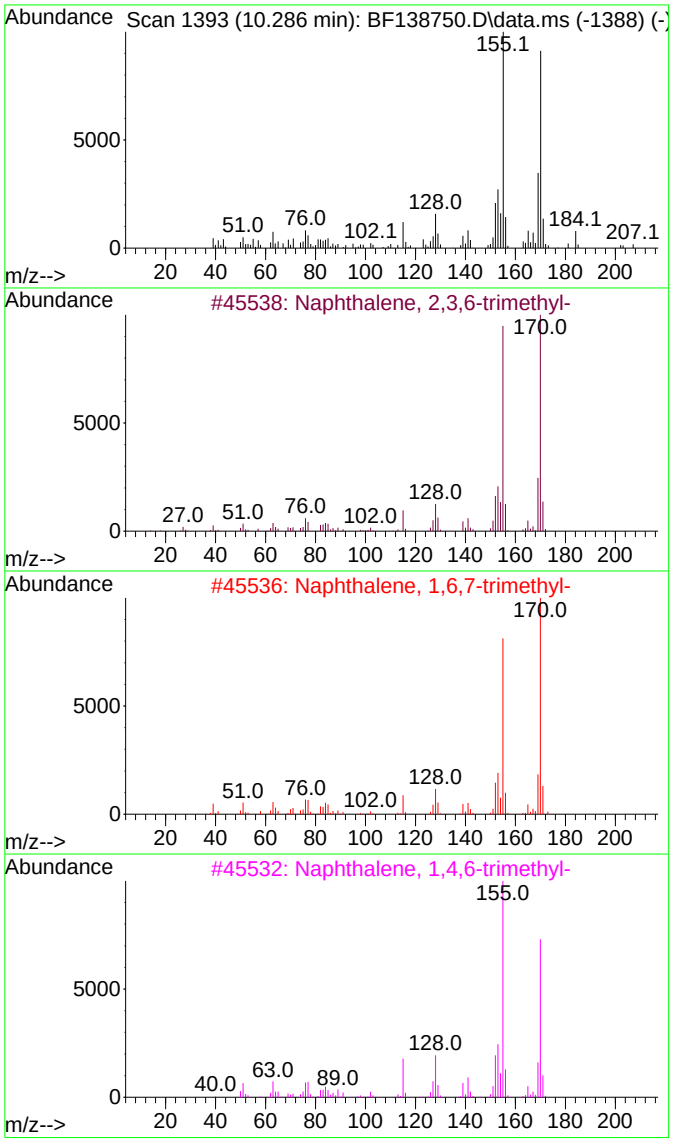
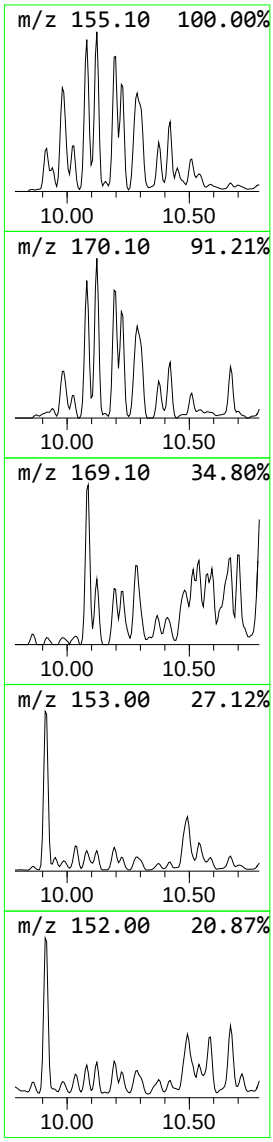
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	4.97 ng	98898	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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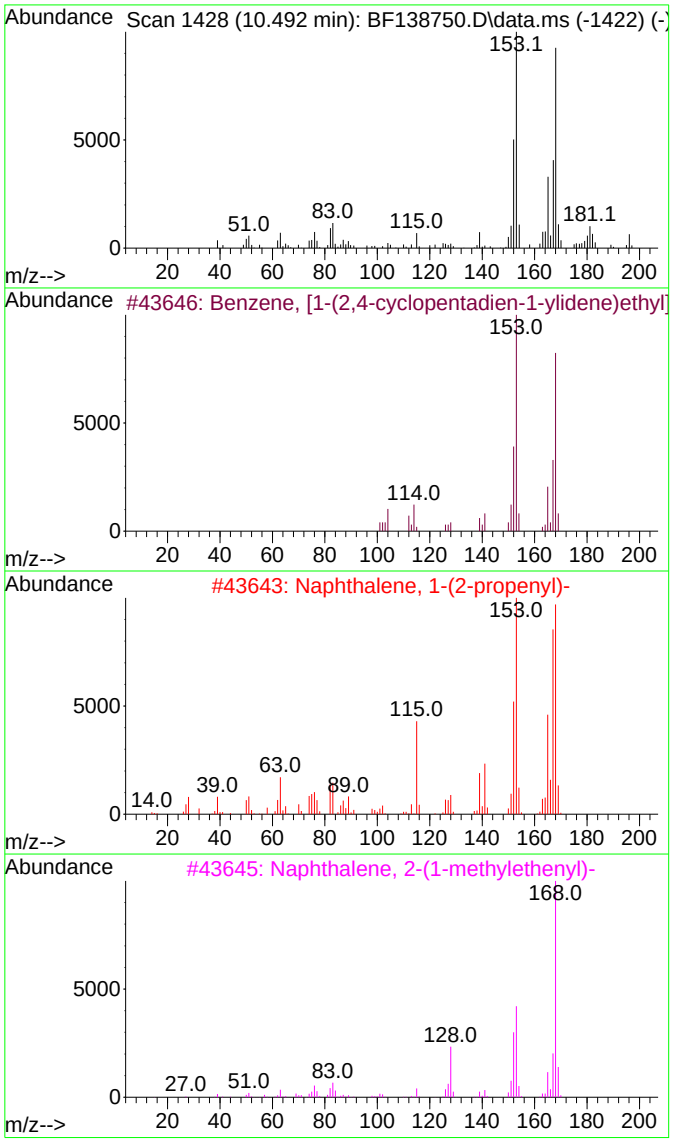
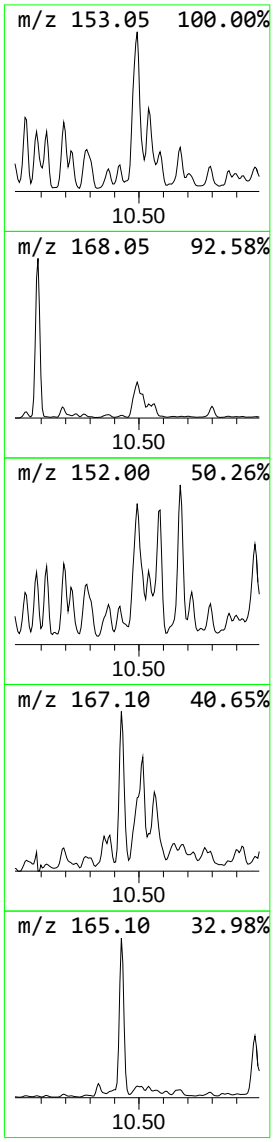
Peak Number 10 Benzene, [1-(2,4-cyclopenta... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.492	5.99 ng	119117	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	81
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
4	4-Methylthio-2,6-xylenol	168	C9H12OS	007379-49-9	47
5	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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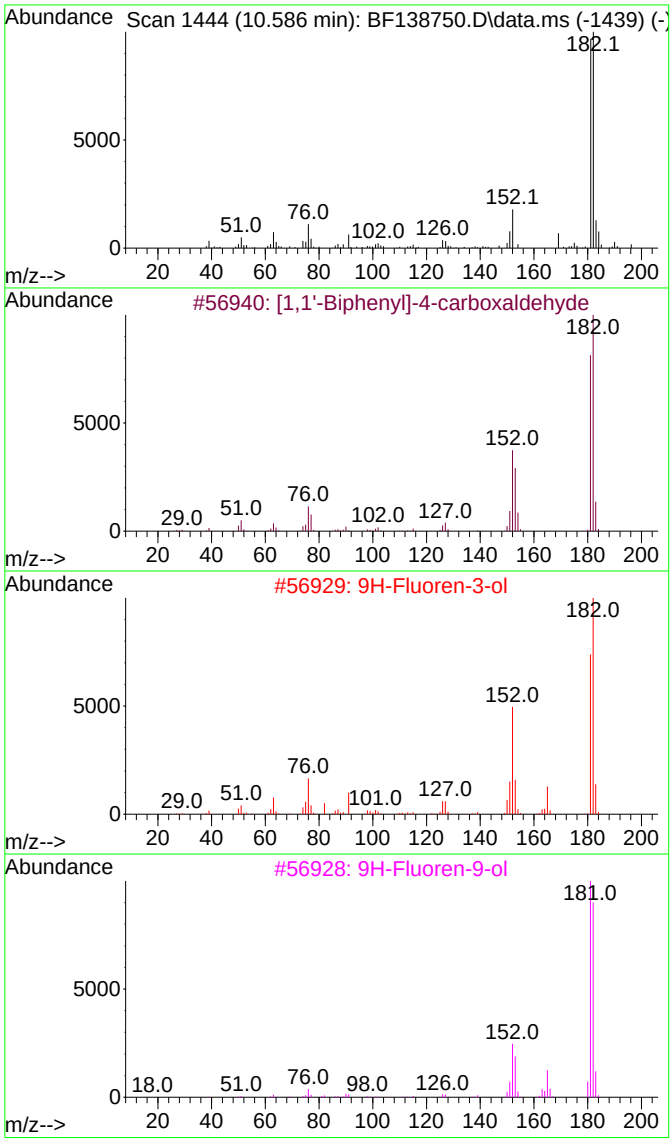
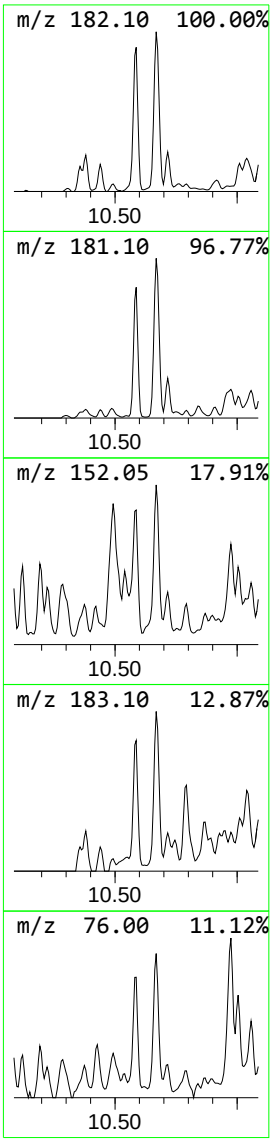
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	7.57 ng	150559	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	59





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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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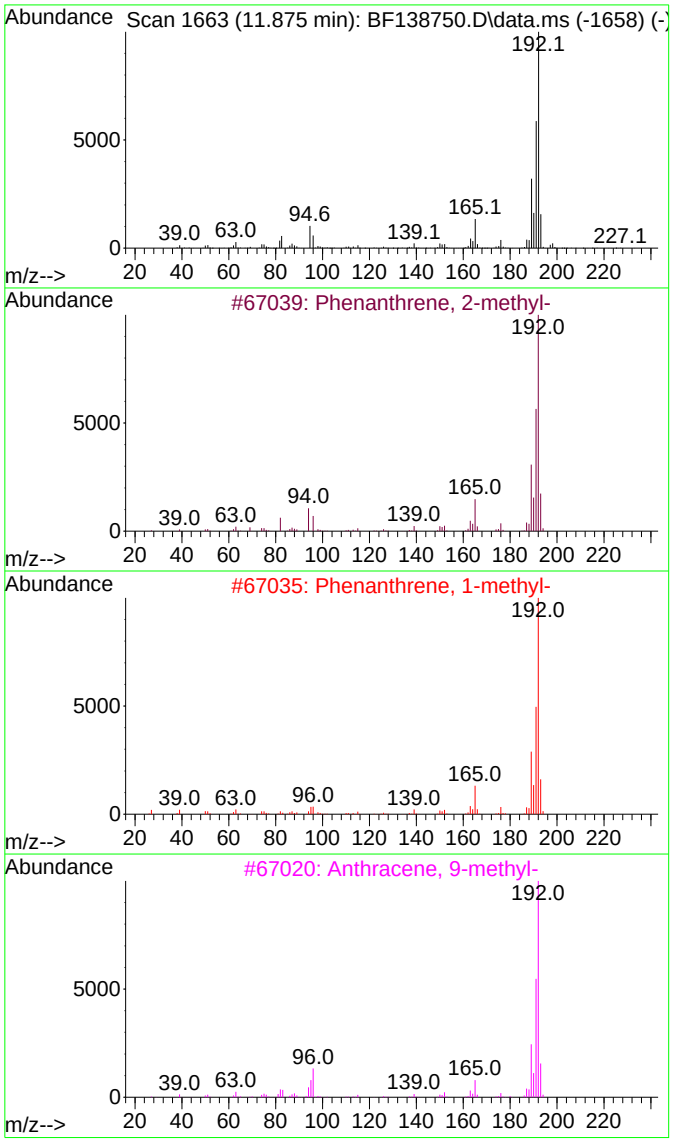
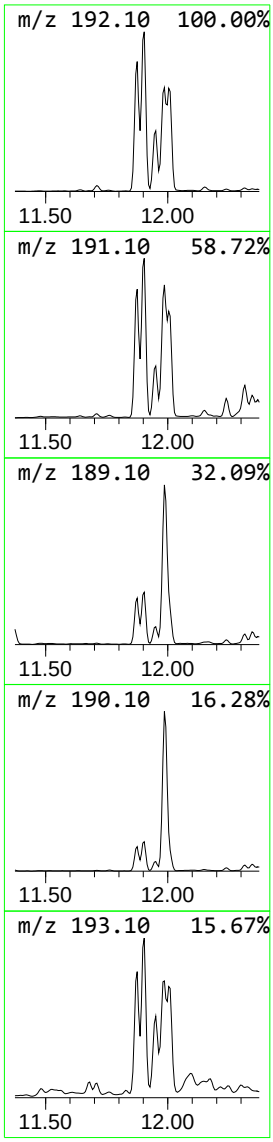
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	4.00 ng	700227	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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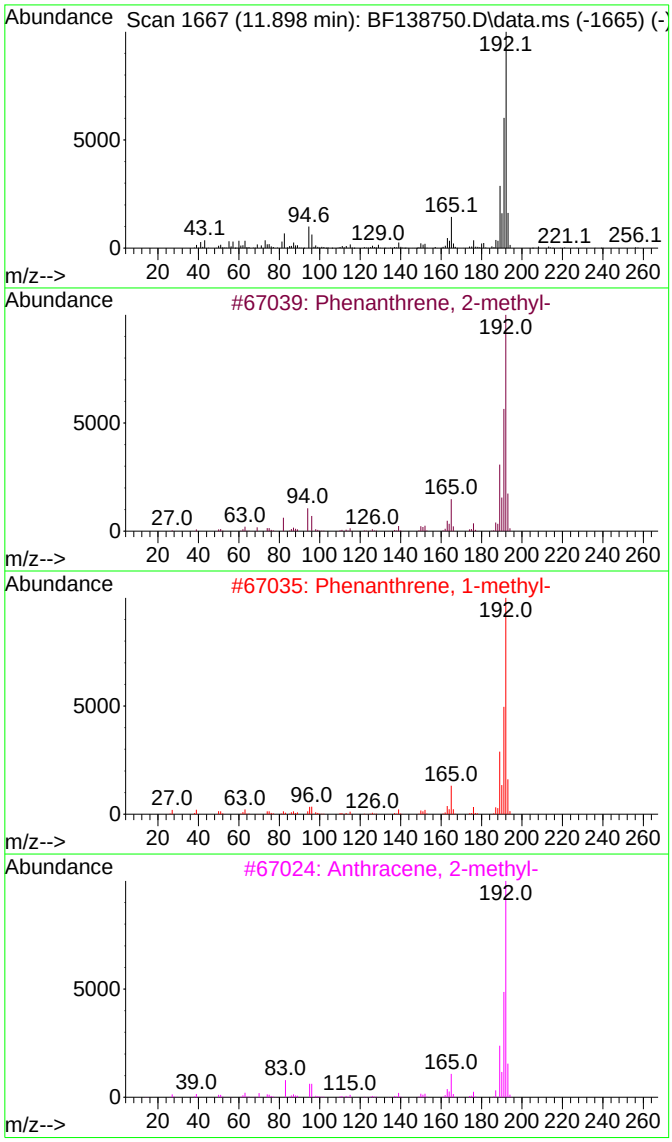
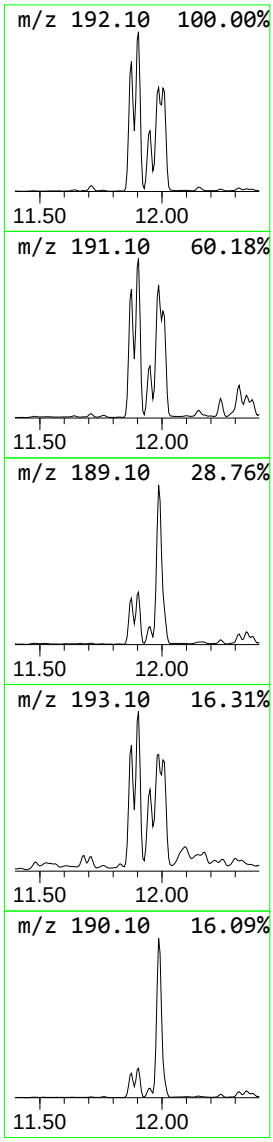
Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	4.67 ng	817387	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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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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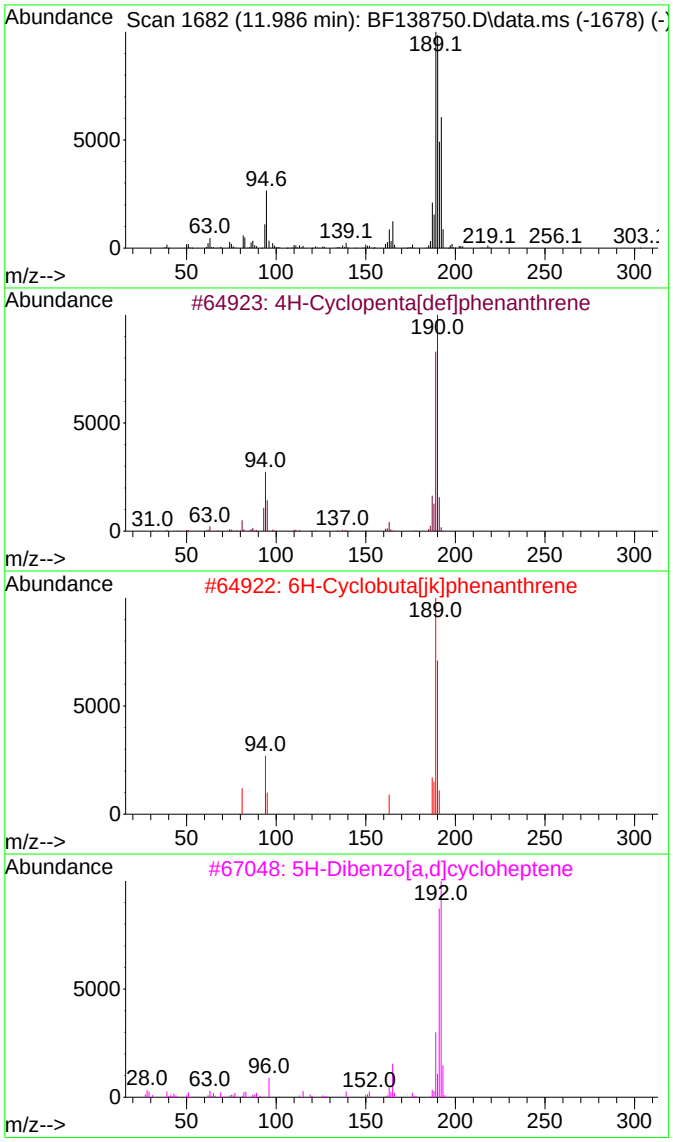
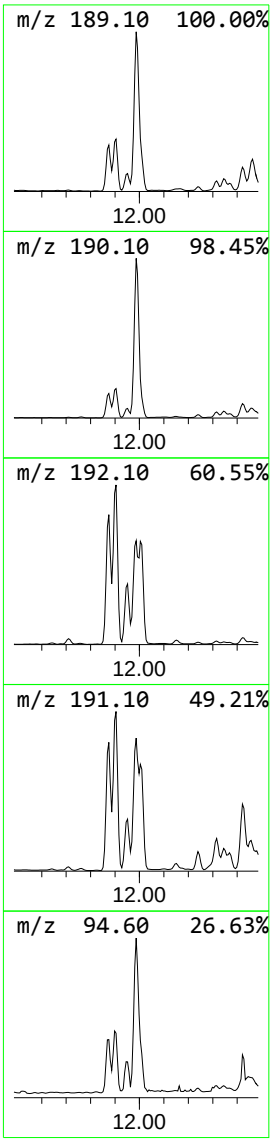
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	9.46 ng	1654230	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25





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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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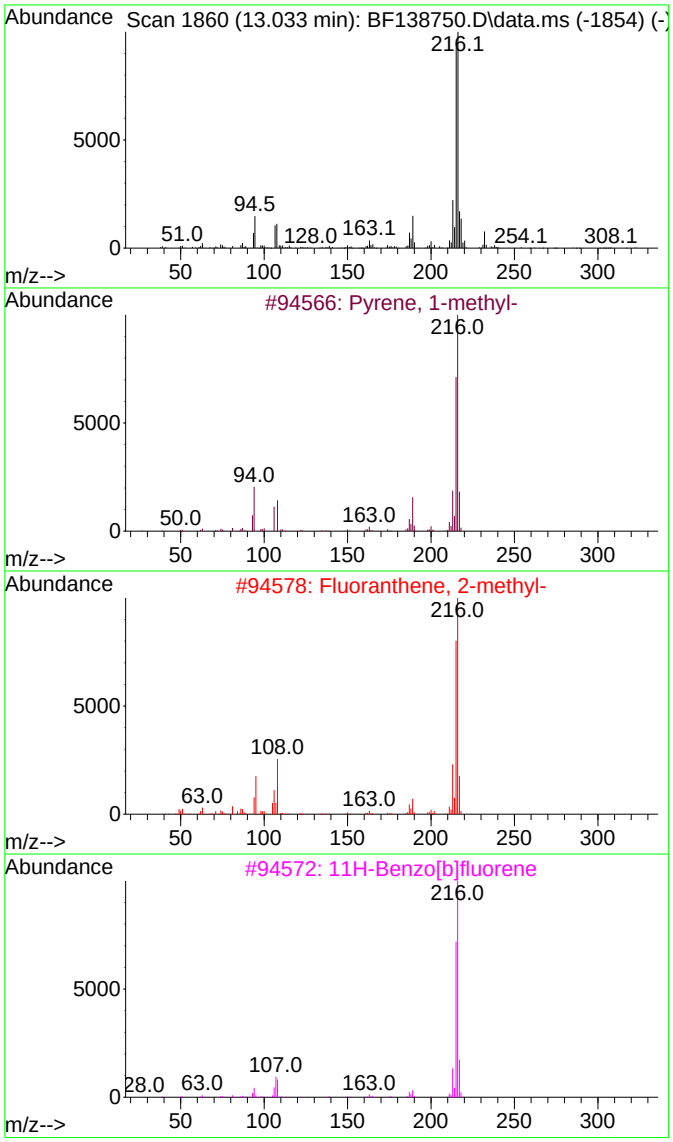
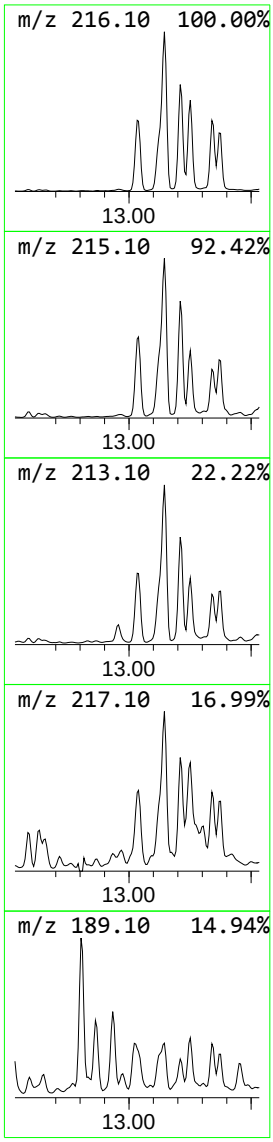
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	5.79 ng	695308	Chrysene-d12	14.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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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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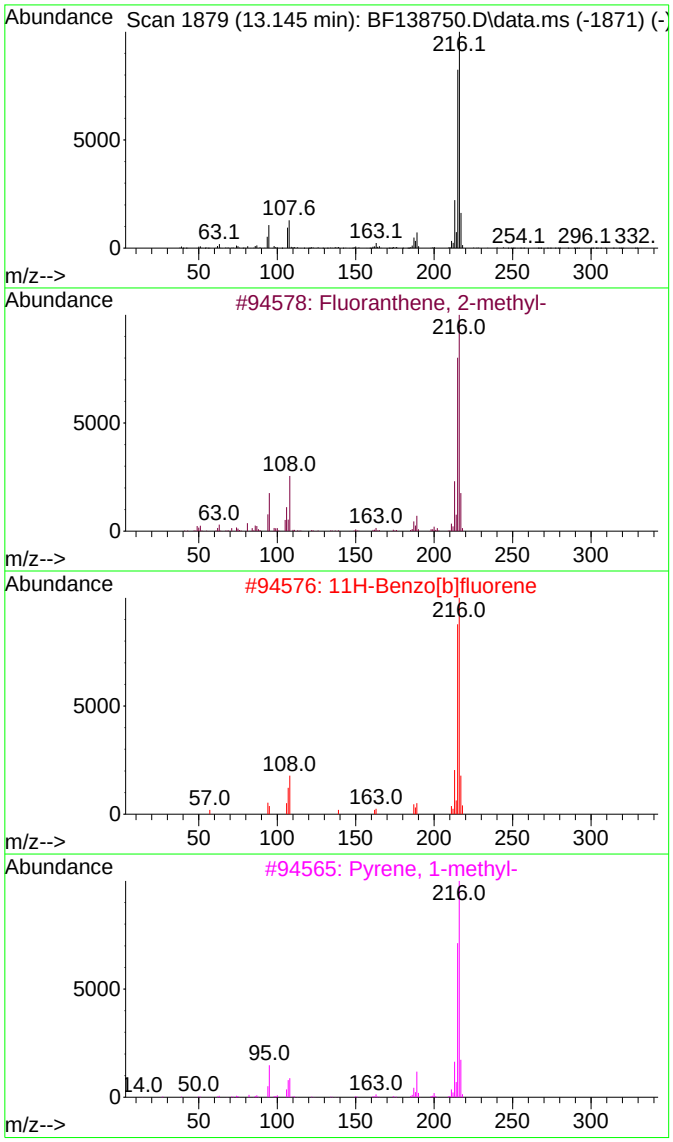
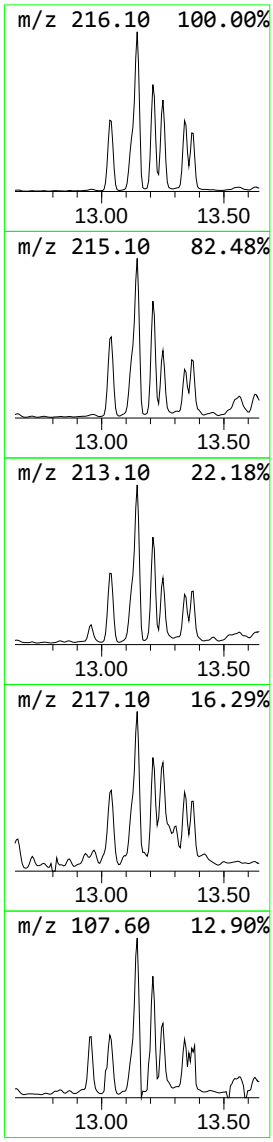
Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.145	8.30 ng	995972	Chrysene-d12	14.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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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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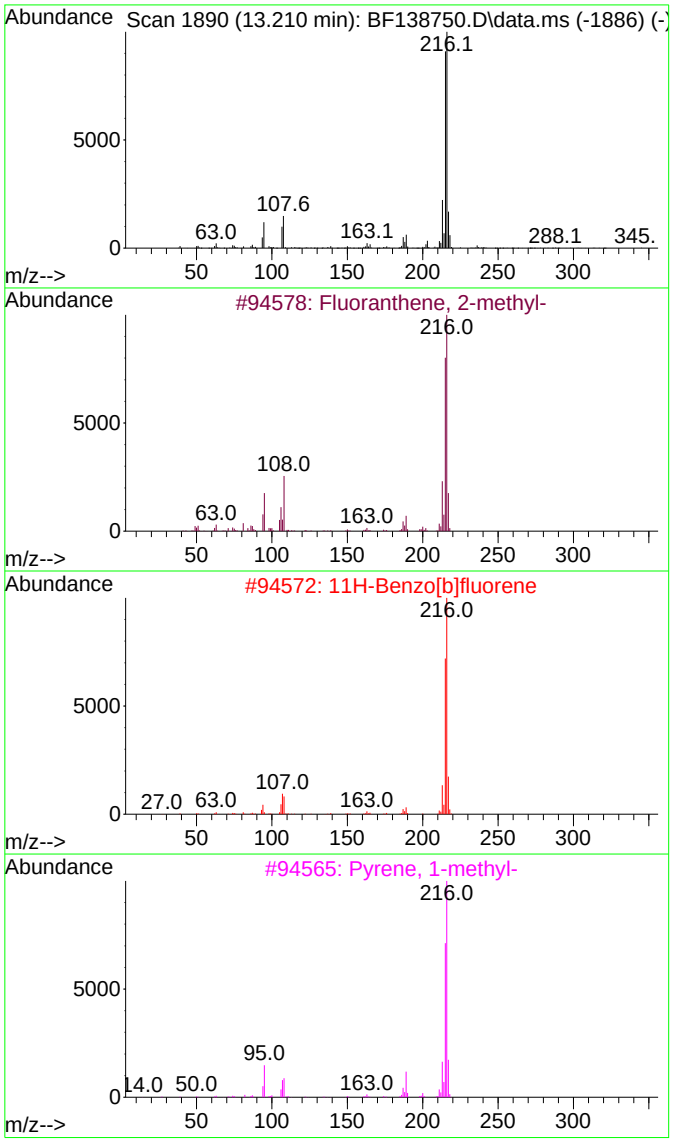
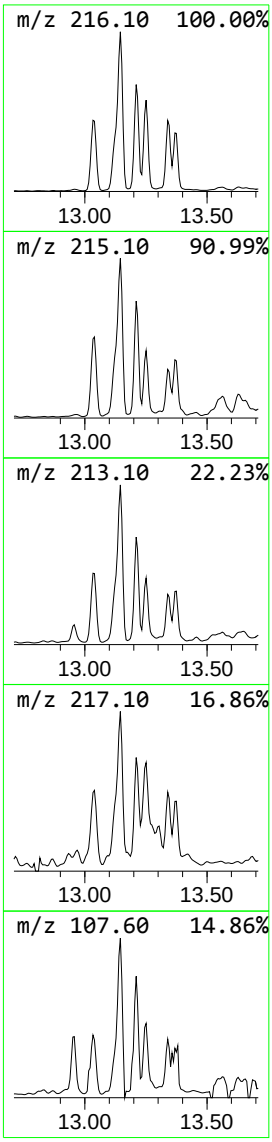
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.210	3.98 ng	477499	Chrysene-d12	14.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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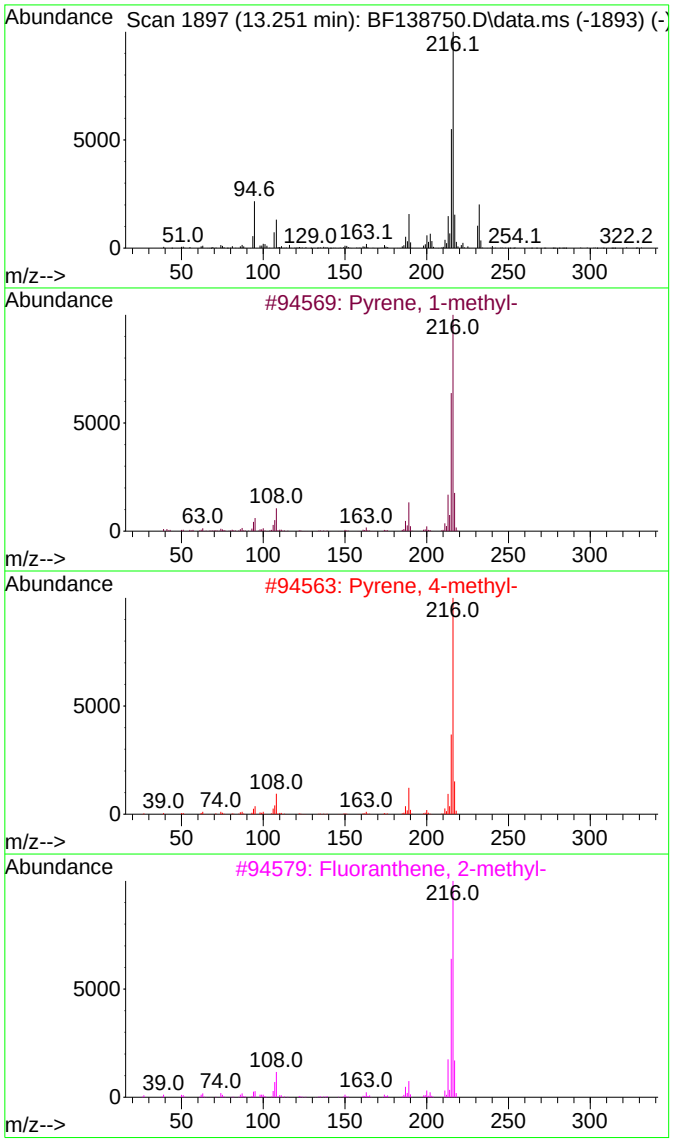
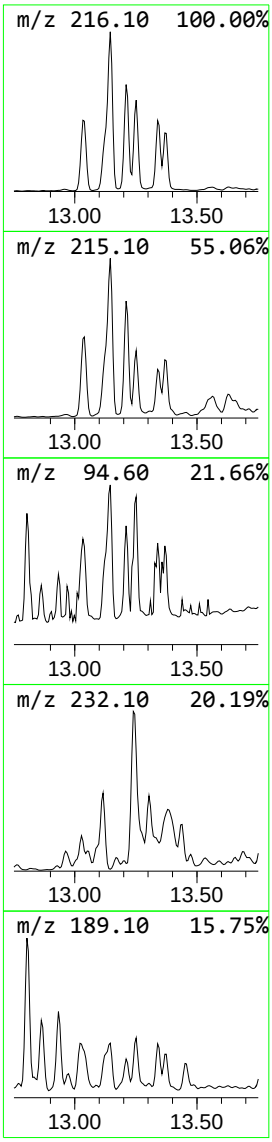
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	4.42 ng	529864	Chrysene-d12	14.022

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	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70





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Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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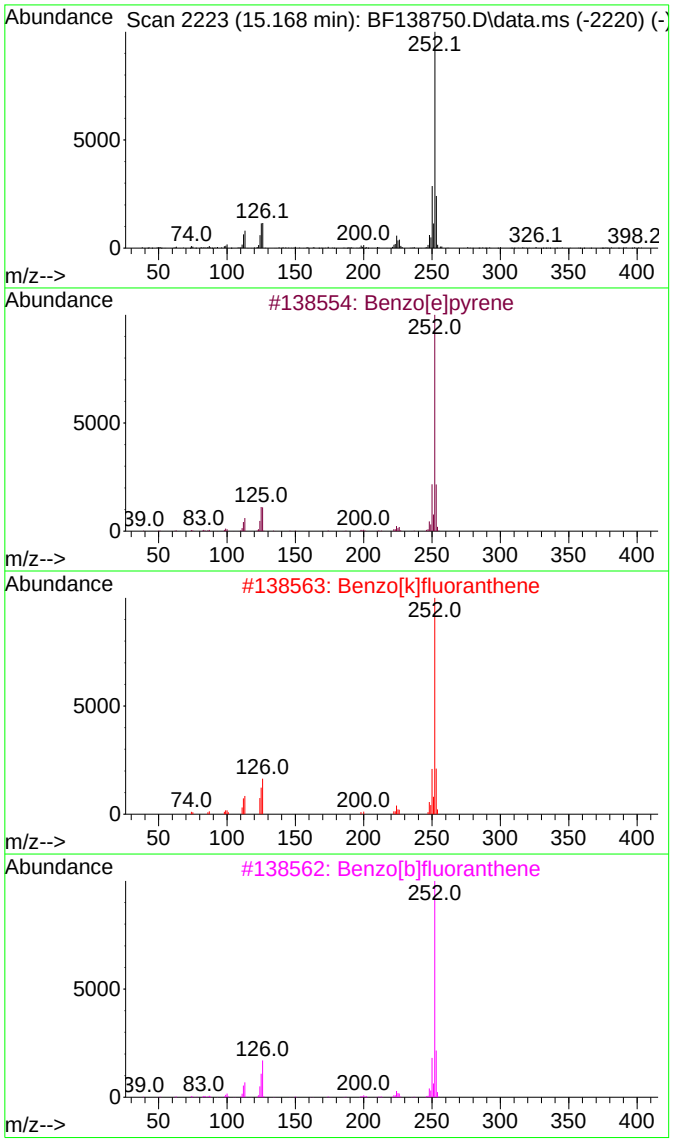
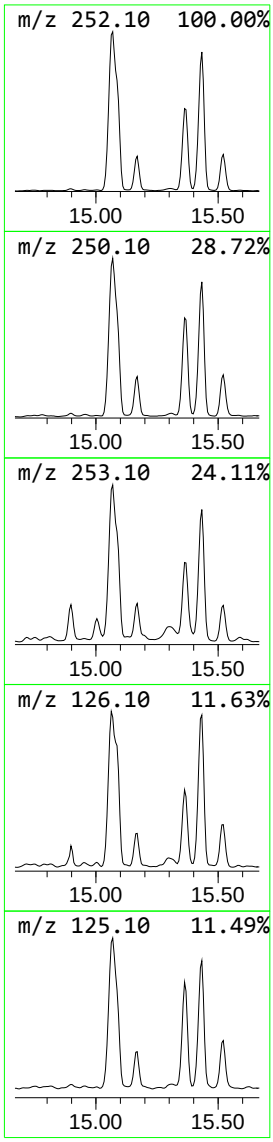
Peak Number 19 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.169	4.77 ng	315901	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.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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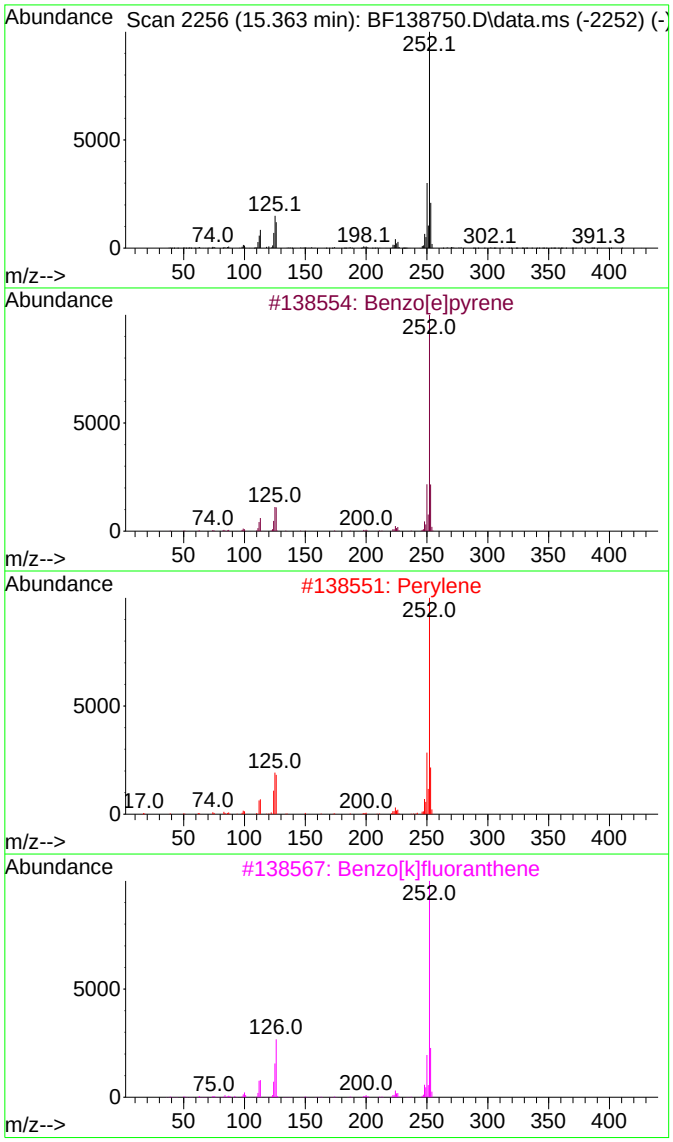
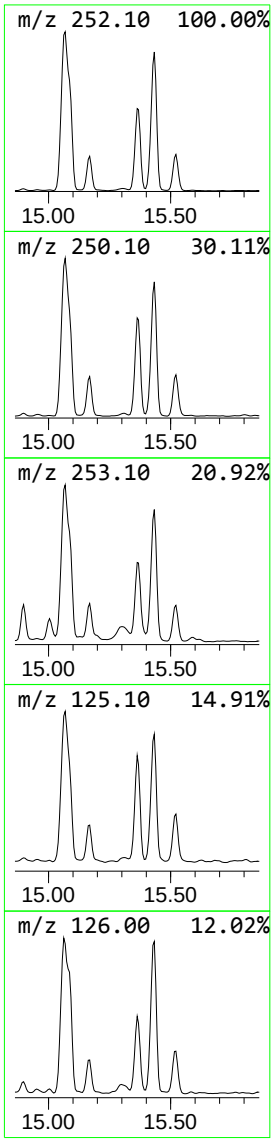
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	11.74 ng	777852	Perylene-d12	15.486

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138750.D
Acq On : 02 Aug 2024 16:42
Operator : RC/JU
Sample : P3414-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-07312024-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.057	5.6	ng	82548	1	6.845	296503	20.0
Naphthalene, 1,...	9.463	6.6	ng	131117	3	9.881	397940	20.0
Naphthalene, 1,...	9.539	8.9	ng	178126	3	9.881	397940	20.0
Naphthalene, 2,...	9.563	5.0	ng	98593	3	9.881	397940	20.0
Naphthalene, 2,...	9.657	5.4	ng	107600	3	9.881	397940	20.0
2-Naphthyl meth...	9.981	4.7	ng	94078	3	9.881	397940	20.0
Naphthalene, 1,...	10.192	6.1	ng	121800	3	9.881	397940	20.0
Naphthalene, 1,...	10.222	3.9	ng	77486	3	9.881	397940	20.0
Naphthalene, 2,...	10.286	5.0	ng	98898	3	9.881	397940	20.0
Benzene, [1-(2,...	10.492	6.0	ng	119117	3	9.881	397940	20.0
[1,1'-Biphenyl]...	10.586	7.6	ng	150559	3	9.881	397940	20.0
Phenanthrene, 2...	11.874	4.0	ng	700227	4	11.369	3498300	20.0
Phenanthrene, 1...	11.898	4.7	ng	817387	4	11.369	3498300	20.0
4H-Cyclopenta[d...	11.986	9.5	ng	1654230	4	11.369	3498300	20.0
Pyrene, 1-methyl-	13.033	5.8	ng	695308	5	14.022	2399920	20.0
Fluoranthene, 2...	13.145	8.3	ng	995972	5	14.022	2399920	20.0
11H-Benzo[b]flu...	13.210	4.0	ng	477499	5	14.022	2399920	20.0
Pyrene, 4-methyl-	13.251	4.4	ng	529864	5	14.022	2399920	20.0
Benzo[e]pyrene	15.169	4.8	ng	315901	6	15.486	1325530	20.0
Perylene	15.363	11.7	ng	777852	6	15.486	1325530	20.0