LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.075	502	507	515	rBV	5924	8421	1.42%	0.120%
2	5.498	575	579	595	rVB	39321	65656	11.10%	0.935%
3	6.451	737	741	746	rVV2	4988	6416	1.08%	0.091%
4	6.510	746	751	764	rVV	84285	139546	23.60%	1.987%
5	6.698	779	783	787	rBV3	10620	13678	2.31%	0.195%
6	6.869	807	812	819	rBV	240722	307624	52.02%	4.381%
7	6.928	819	822	828	rVB4	4059	6053	1.02%	0.086%
8	7.134	852	857	861	rBV	11449	16853	2.85%	0.240%
9	7.434	903	908	917	rVB	54783	87421	14.78%	1.245%
10	7.663	945	947	956	rVB2	4870	7333	1.24%	0.104%
11	7.769	958	965	967	rBV6	4413	7208	1.22%	0.103%
12	7.892	982	986	990	rVV3	11606	19121	3.23%	0.272%
13	7.934	990	993	1005	rVB5	7260	15130	2.56%	0.215%
14	8.151	1022	1030	1042	rBV2	292792	591359	100.00%	8.422%
15	8.439	1074	1079	1084	rBV5	5715	8793	1.49%	0.125%
16	8.563	1097	1100	1107	rVV2	6641	9182	1.55%	0.131%
17	8.734	1125	1129	1133	rVB2	11759	13941	2.36%	0.199%
18	8.863	1147	1151	1159	rBV	110878	142179	24.04%	2.025%
19	8.963	1163	1168	1174	rVB	100100	127283	21.52%	1.813%
20	9.163	1200	1202	1207	rVB6	5678	6717	1.14%	0.096%
21	9.222	1207	1212	1222	rBV	121737	158607	26.82%	2.259%
22	9.298	1222	1225	1228	rVV	14233	18227	3.08%	0.260%
23	9.328	1228	1230	1235	rVB	9102	10522	1.78%	0.150%
24	9.422	1240	1246	1252	rVB2	13976	25334	4.28%	0.361%
25	9.492	1252	1258	1263	rBV	52611	83301	14.09%	1.186%
26	9.563	1266	1270	1273	rVV	76187	108969	18.43%	1.552%
27	9.592	1273	1275	1286	rVB2	45127	65530	11.08%	0.933%
28	9.681	1286	1290	1298	rVB	35138	57793	9.77%	0.823%
29	9.769	1300	1305	1309	rBV2	26343	34522	5.84%	0.492%
30	9.828	1310	1315	1319	rVB2	12717	17247	2.92%	0.246%
31	9.904	1319	1328	1332	rBV	277131	385148	65.13%	5.486%
32	9.939	1332	1334	1342	rVB	53338	66393	11.23%	0.946%
33	10.010	1342	1346	1351	rBV2	15152	23678	4.00%	0.337%
34	10.063	1351	1355	1358	rBV2	11689	17410	2.94%	0.248%
35	10.110	1358	1363	1367	rVV2	41414	57726	9.76%	0.822%
36	10.151	1367	1370	1374	rVB	20901	25550	4.32%	0.364%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.222	1378	1382	1385	rBV	22387	31286	5.29%	0.446%
38	10.251	1385	1387	1393	rVB	17406	20803	3.52%	0.296%
39	10.328	1393	1400	1404	rBV2	27791	56948	9.63%	0.811%
40	10.404	1404	1413	1417	rBV4	11339	17619	2.98%	0.251%
41	10.457	1417	1422	1427	rBV	99851	138528	23.43%	1.973%
42	10.539	1427	1436	1440	rBV4	21891	58257	9.85%	0.830%
43	10.616	1444	1449	1455	rVB3	31912	53932	9.12%	0.768%
44	10.698	1455	1463	1468	rBV3	25947	45660	7.72%	0.650%
45	10.810	1477	1482	1489	rVB3	21946	44553	7.53%	0.635%
46	10.892	1490	1496	1499	rBV4	8482	14035	2.37%	0.200%
47	10.928	1499	1502	1509	rVV9	5373	12137	2.05%	0.173%
48	11.004	1509	1515	1518	rVV2	42352	75794	12.82%	1.080%
49	11.033	1518	1520	1524	rVV2	32045	45230	7.65%	0.644%
50	11.086	1526	1529	1532	rVV	24678	34354	5.81%	0.489%
51	11.151	1532	1540	1545	rVV5	15816	51748	8.75%	0.737%
52	11.204	1545	1549	1552	rVV4	10231	17729	3.00%	0.253%
53	11.251	1552	1557	1560	rVV3	23649	37947	6.42%	0.540%
54	11.292	1560	1564	1569	rVB	42125	63711	10.77%	0.907%
55	11.398	1577	1582	1584	rBV	295688	414957	70.17%	5.910%
56	11.422	1584	1586	1591	rVV	387748	429589	72.64%	6.118%
57	11.475	1591	1595	1599	rVV	66950	81295	13.75%	1.158%
58	11.633	1618	1622	1627	rBV	23494	39492	6.68%	0.562%
59	11.686	1627	1631	1634	rVV2	18400	30299	5.12%	0.432%
60	11.728	1635	1638	1643	rVB	28963	38946	6.59%	0.555%
61	11.810	1649	1652	1656	rBV	21032	25835	4.37%	0.368%
62	11.898	1663	1667	1670	rBV	95069	142446	24.09%	2.029%
63	11.928	1670	1672	1676	rVB	110286	121599	20.56%	1.732%
64	11.975	1676	1680	1682	rBV	33704	40970	6.93%	0.584%
65	12.010	1682	1686	1695	rVB2	132070	275336	46.56%	3.921%
66	12.086	1696	1699	1703	rBV3	18500	25784	4.36%	0.367%
67	12.133	1705	1707	1710	rVB	11706	11611	1.96%	0.165%
68	12.198	1713	1718	1721	rBV	38778	59635	10.08%	0.849%
69	12.345	1737	1743	1745	rBV2	19103	36134	6.11%	0.515%
70	12.375	1745	1748	1751	rBV2	22437	29770	5.03%	0.424%
71	12.451	1756	1761	1763	rBV	70820	99466	16.82%	1.417%
72	12.480	1764	1766	1773	rVV3	50626	87371	14.77%	1.244%
73	12.545	1773	1777	1780	rVV2	17044	31205	5.28%	0.444%
74	12.616	1784	1789	1793	rBV	205426	258820	43.77%	3.686%
75	12.845	1822	1828	1834	rBV	263230	403801	68.28%	5.751%
76	12.980	1847	1851	1860	rVB	93251	145101	24.54%	2.067%

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.063	1861	1865	1870	rBV4	32334	62283	10.53%	0.887%
78	13.280	1899	1902	1910	rVB	34728	51387	8.69%	0.732%
79	14.045	2027	2032	2035	rBV2	191441	313228	52.97%	4.461%
80	15.539	2282	2286	2298	rVB	110685	188690	31.91%	2.687%

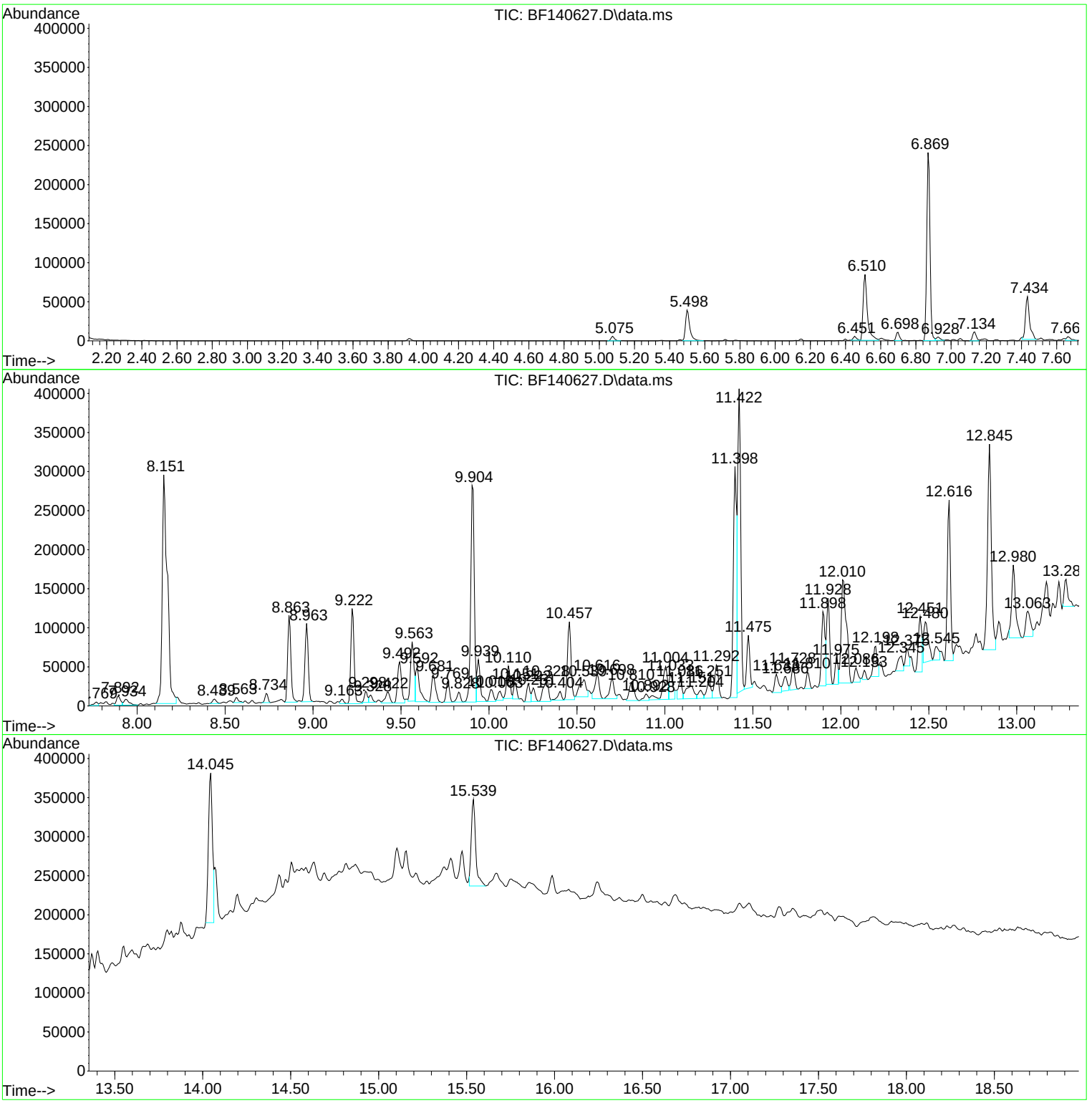
Sum of corrected areas: 7021192

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

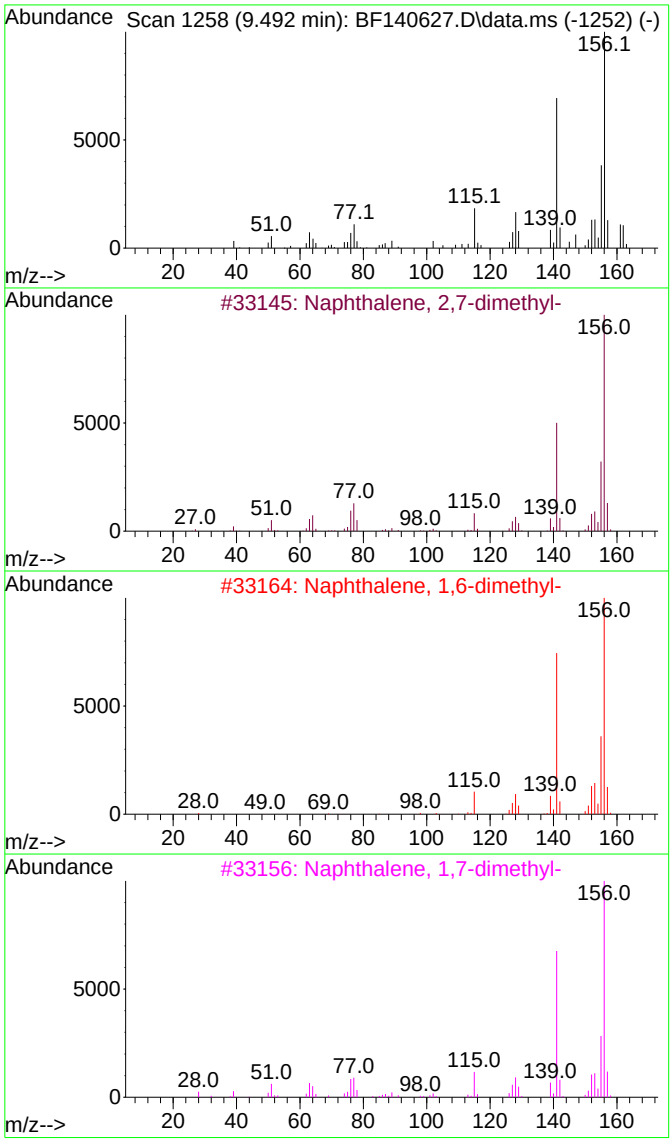
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

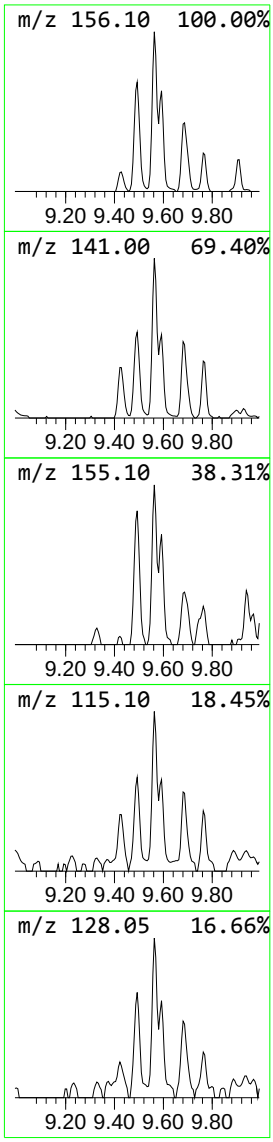
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	4.33 ng	83301	Acenaphthene-d10	9.910

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, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

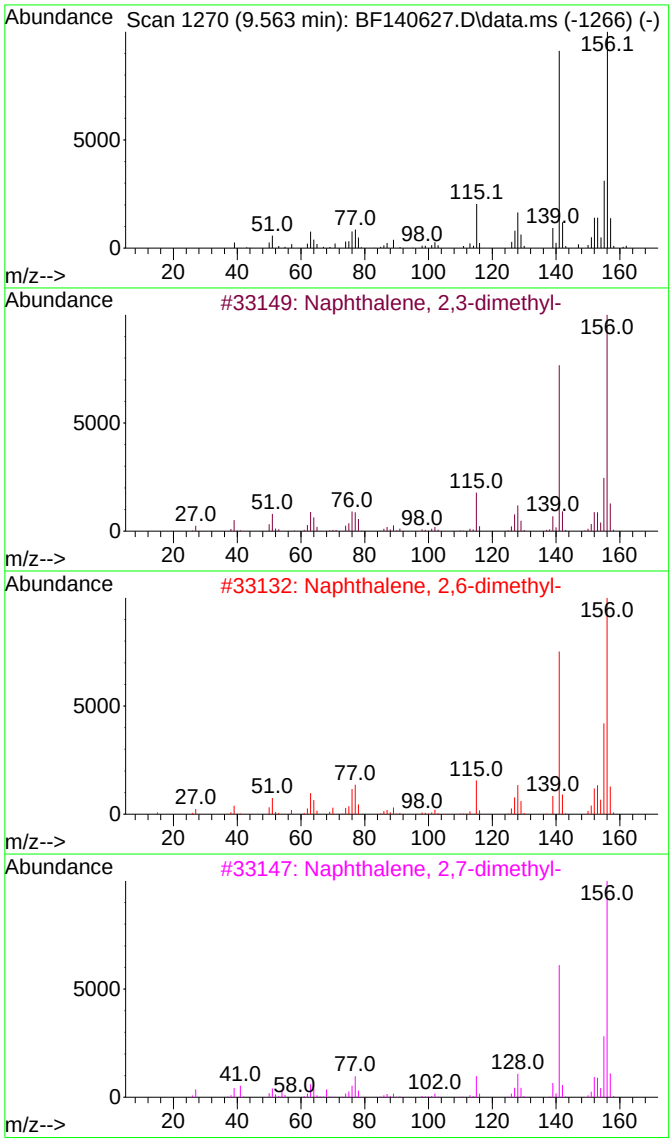
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

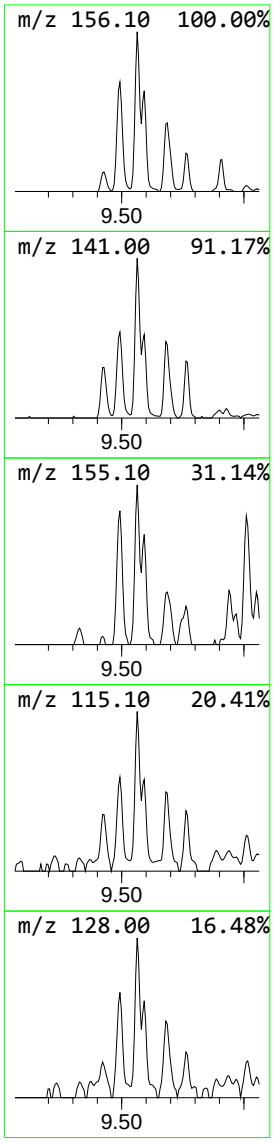
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	5.66 ng	108969	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

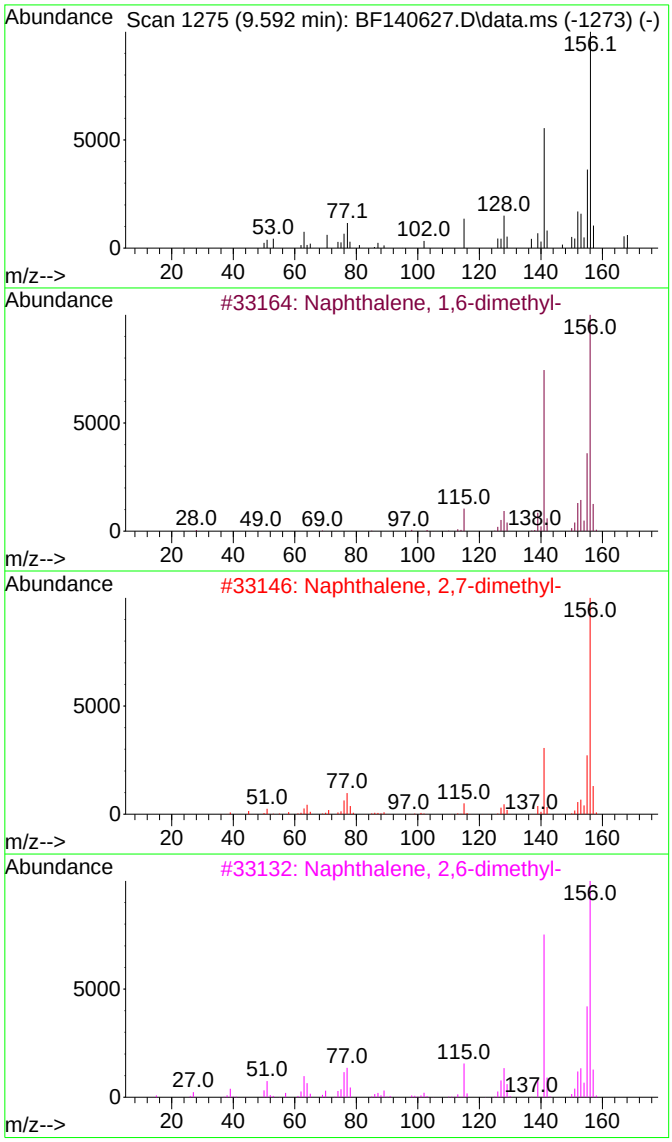
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

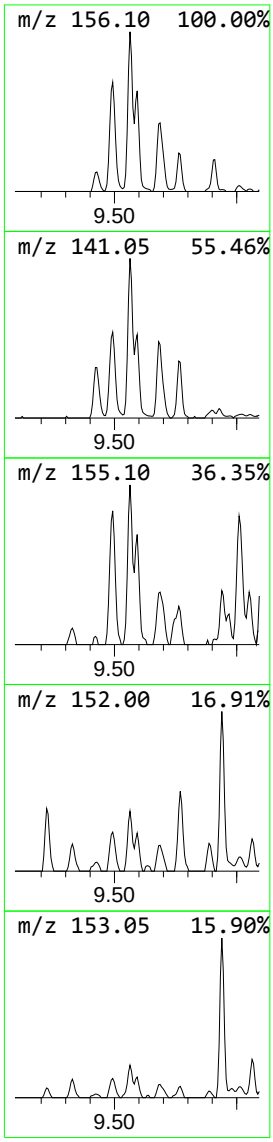
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	3.40 ng	65530	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

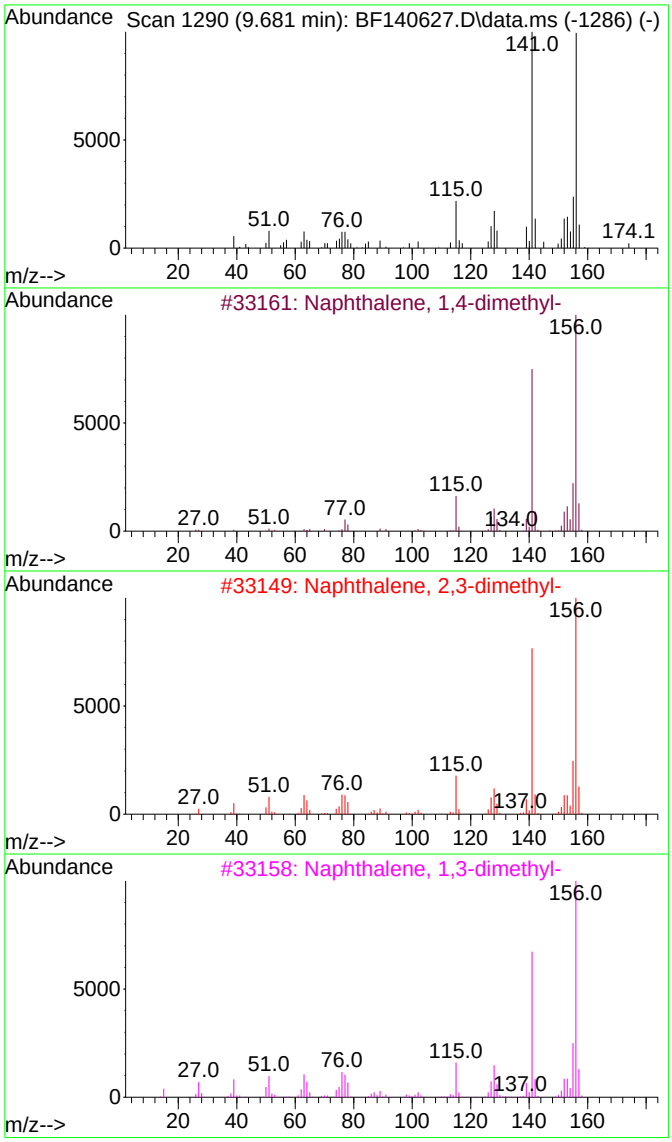
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

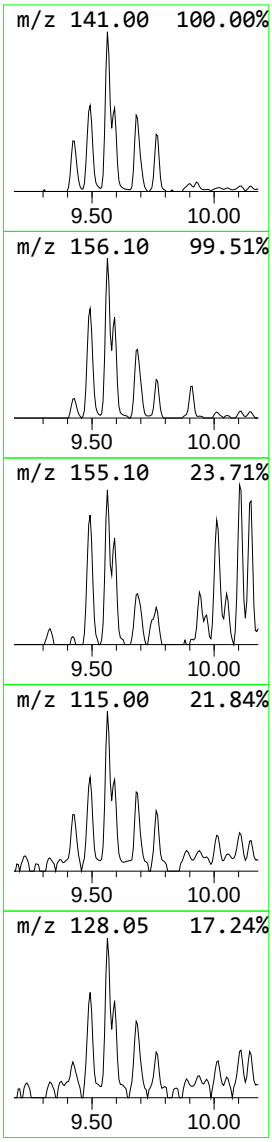
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	3.00 ng	57793	Acenaphthene-d10	9.910

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

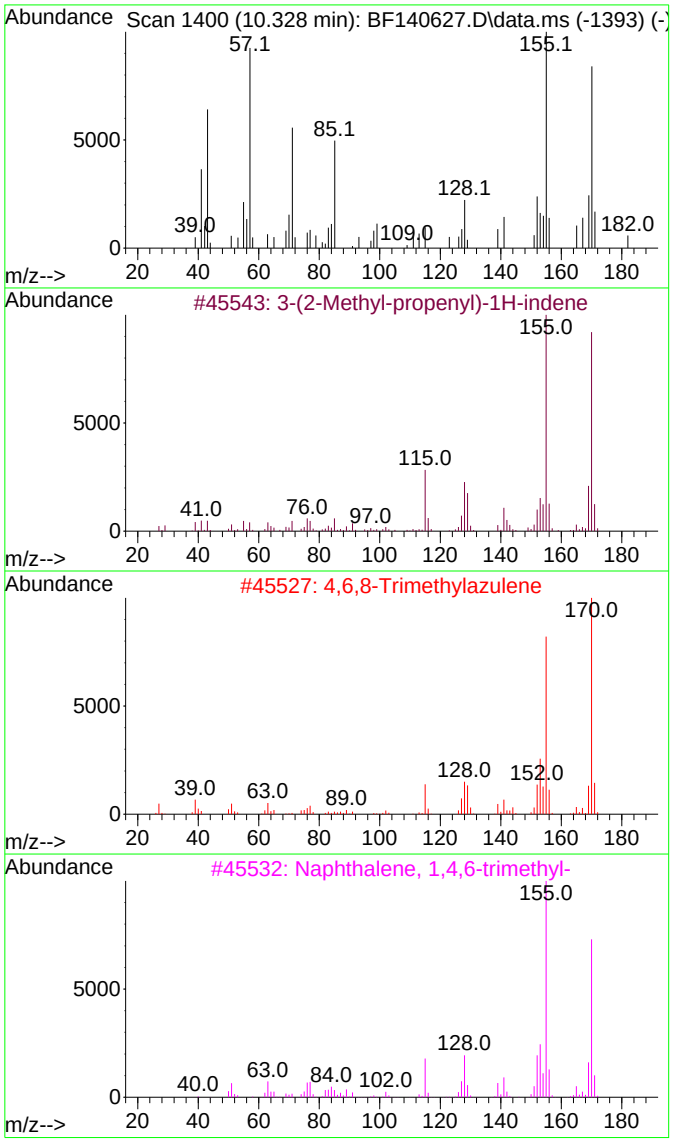
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

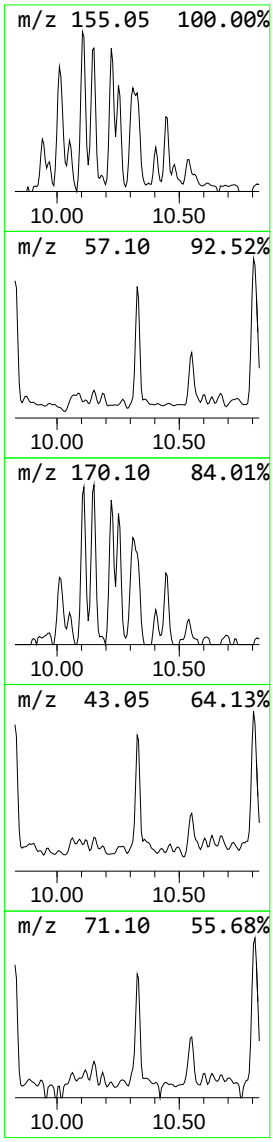
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.328	2.96 ng	56948	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

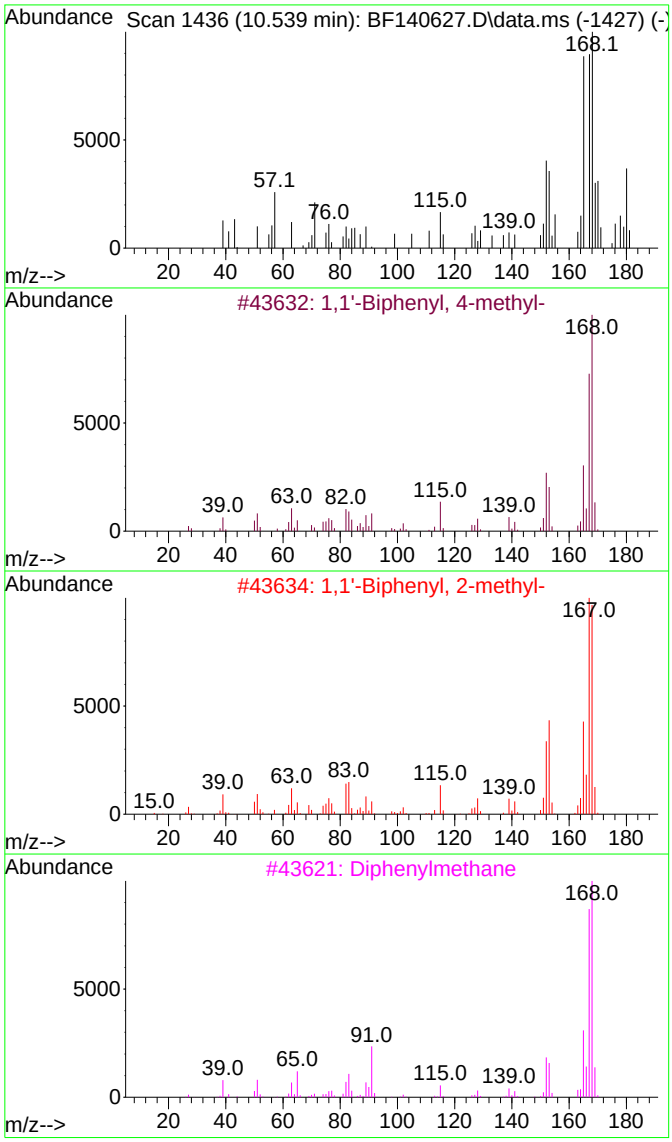
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

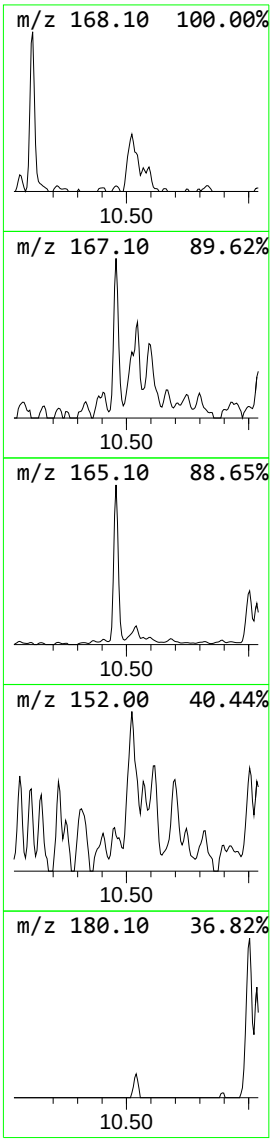
****

Peak Number 6 1,1'-Biphenyl, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.539	3.03 ng	58257	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	60
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	Diphenylmethane	168	C13H12	000101-81-5	49
4	2-Allylnaphthalene	168	C13H12	002489-87-4	46
5	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	43





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Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-112124

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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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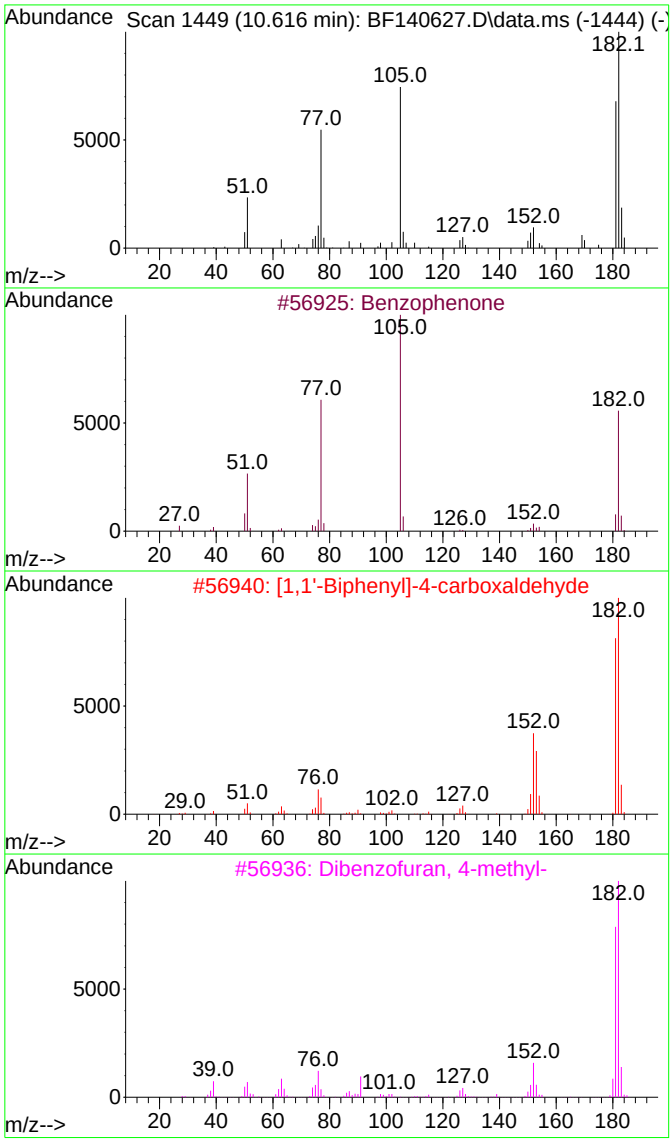
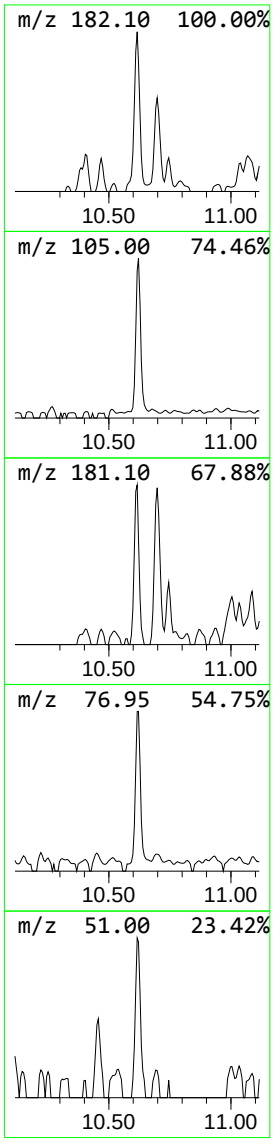
Peak Number 7 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	2.80 ng	53932	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	64
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	53
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	47
5	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	43





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-06-112124

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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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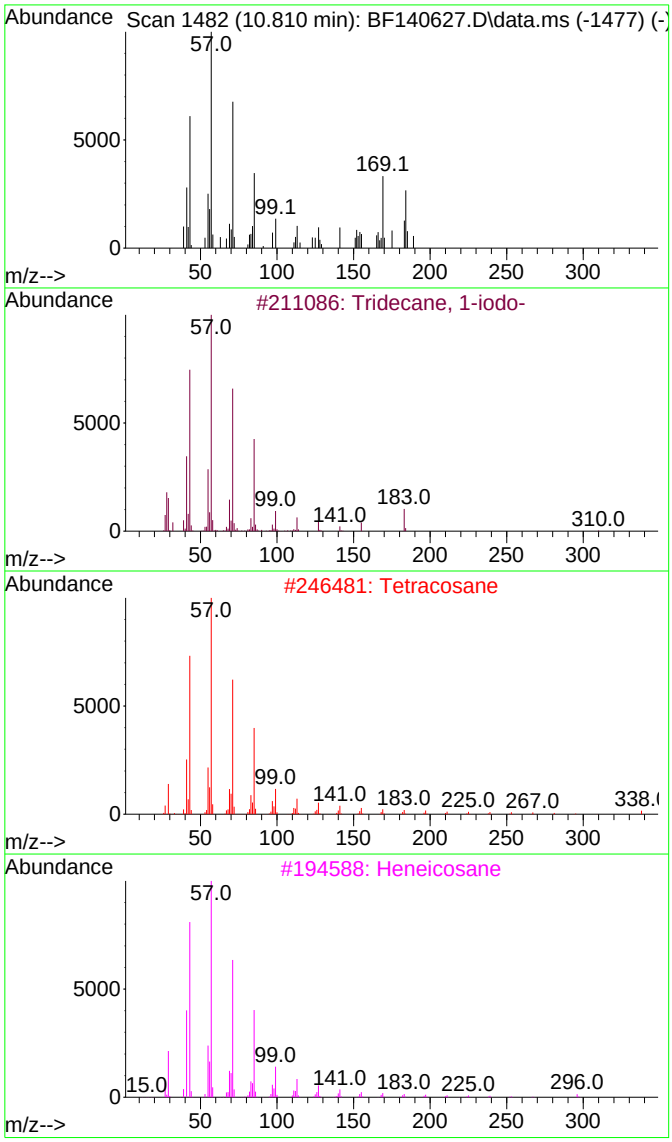
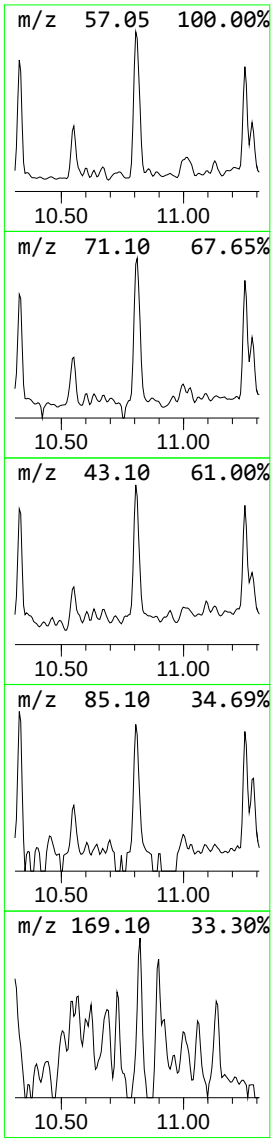
Peak Number 8 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.810	2.15 ng	44553	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
2	Tetracosane	338	C24H50	000646-31-1	49
3	Heneicosane	296	C21H44	000629-94-7	49
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	49
5	Octadecane	254	C18H38	000593-45-3	47





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

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

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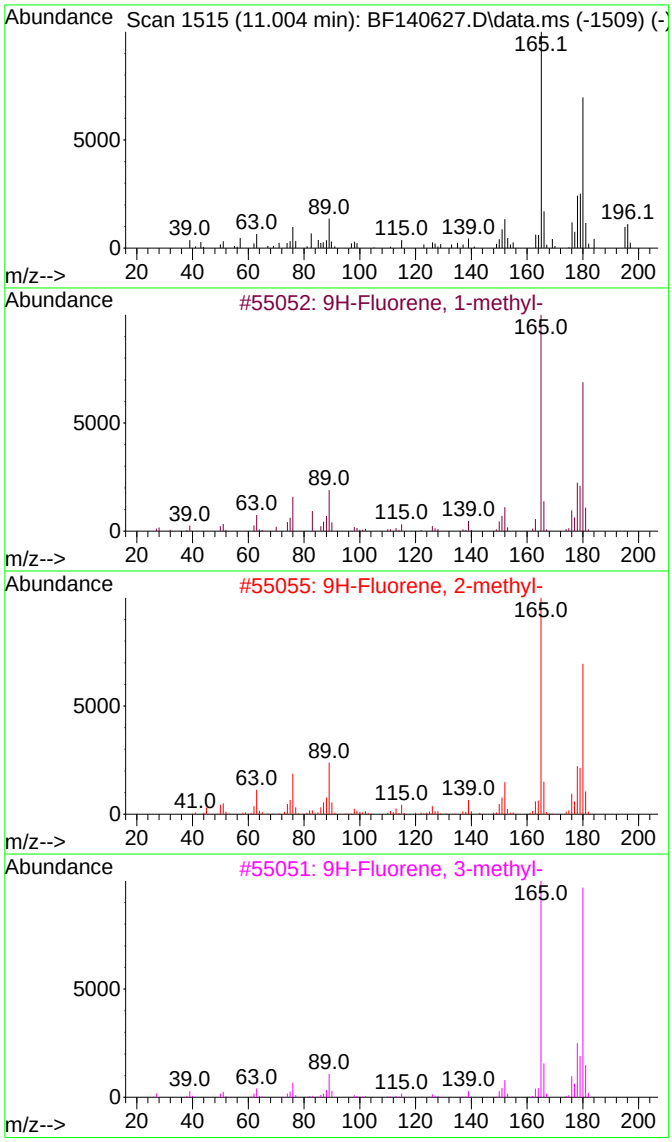
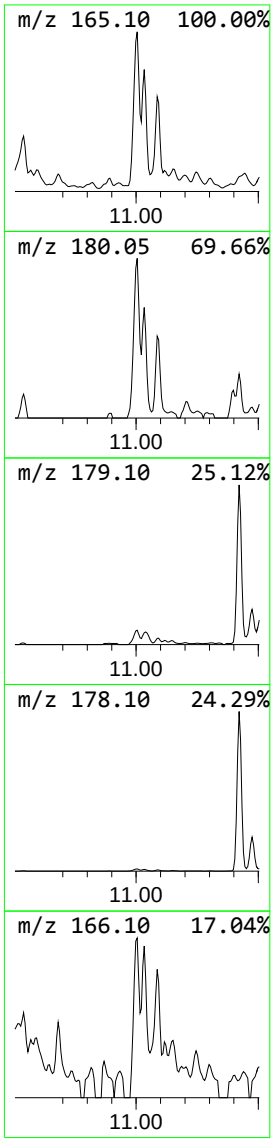
Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	3.65 ng	75794	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83





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Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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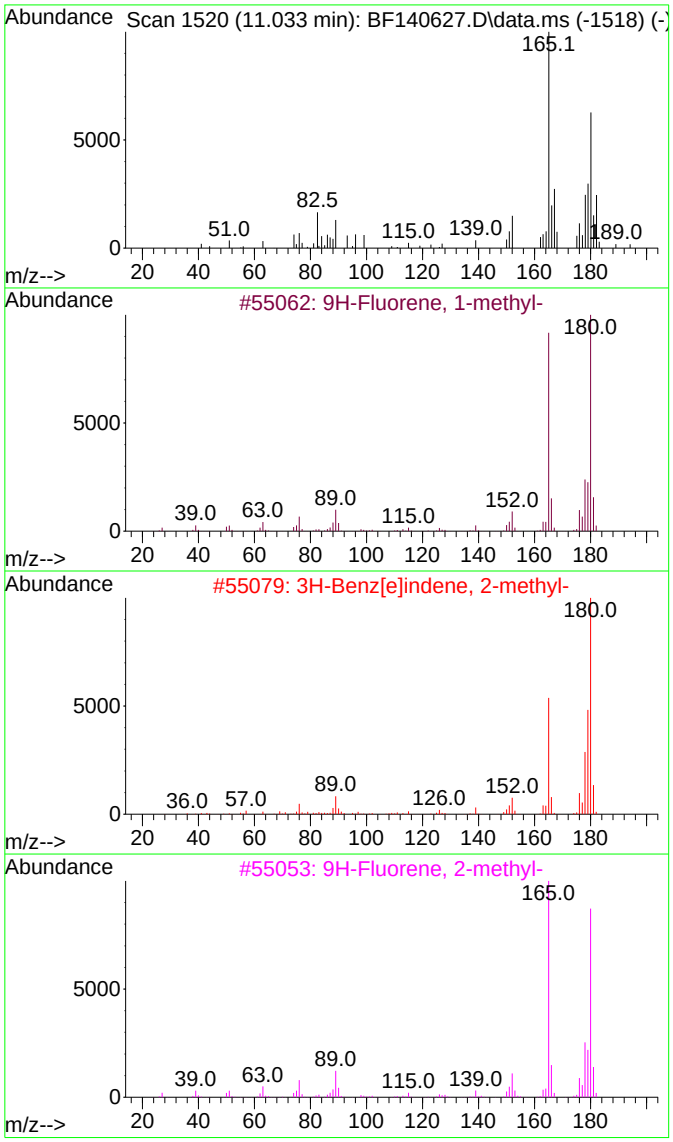
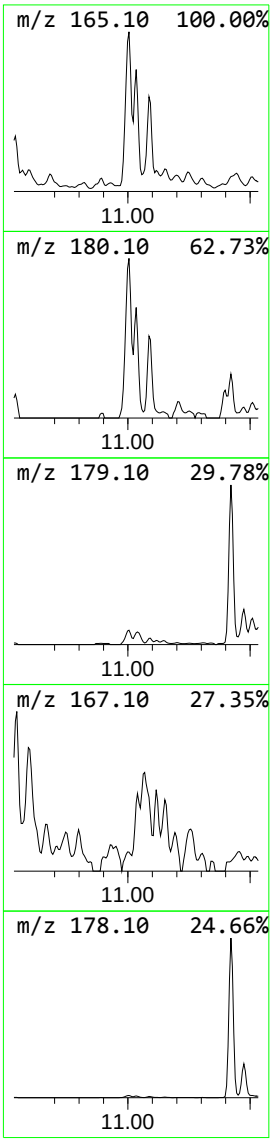
Peak Number 10 3H-Benz[e]indene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.033	2.18 ng	45230	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
2	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	83
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	62





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Sample : P4954-03 5X
Misc :
ALS Vial : 25 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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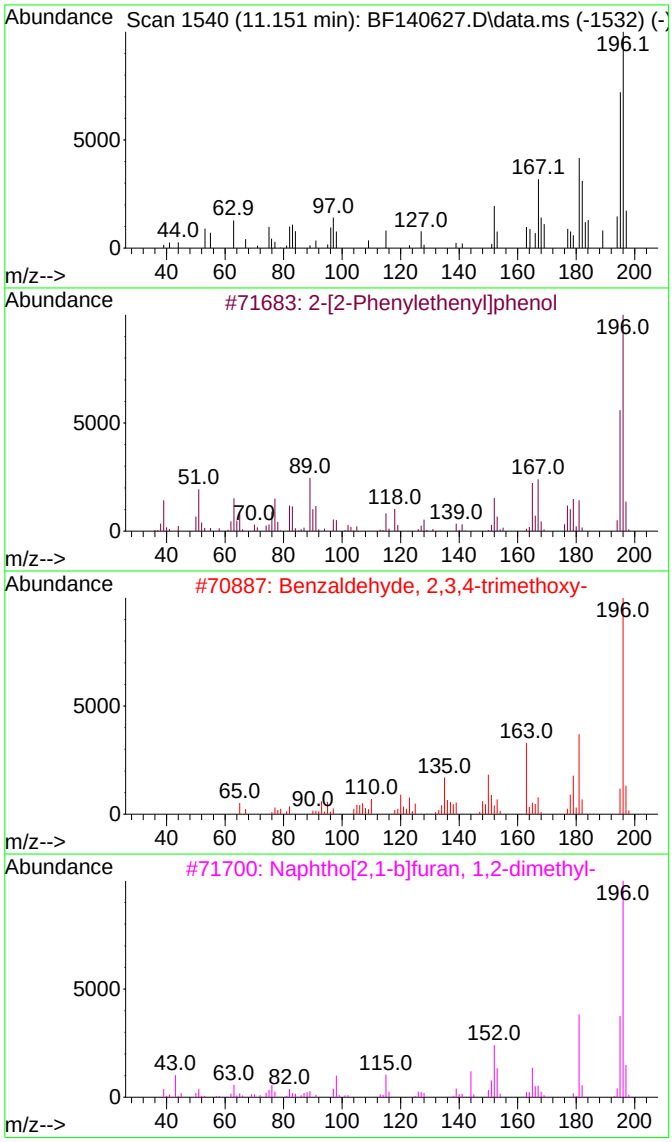
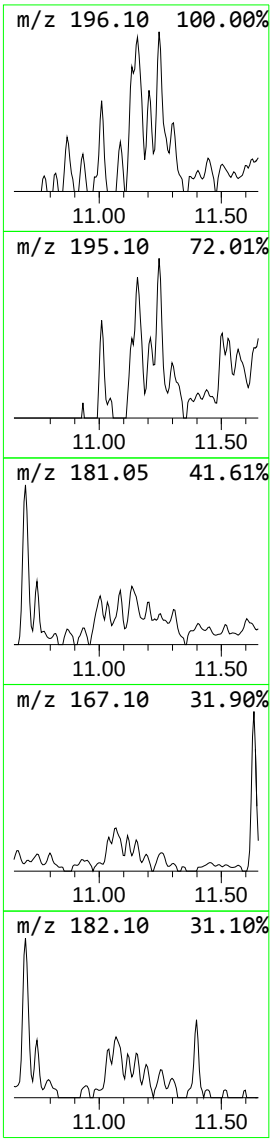
Peak Number 11 2-[2-Phenylethenyl]phenol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.151	2.49 ng	51748	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
2	Benzaldehyde, 2,3,4-trimethoxy-	196	C10H12O4	002103-57-3	47
3	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	47
4	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	46
5	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	46





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Misc :
ALS Vial : 25 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

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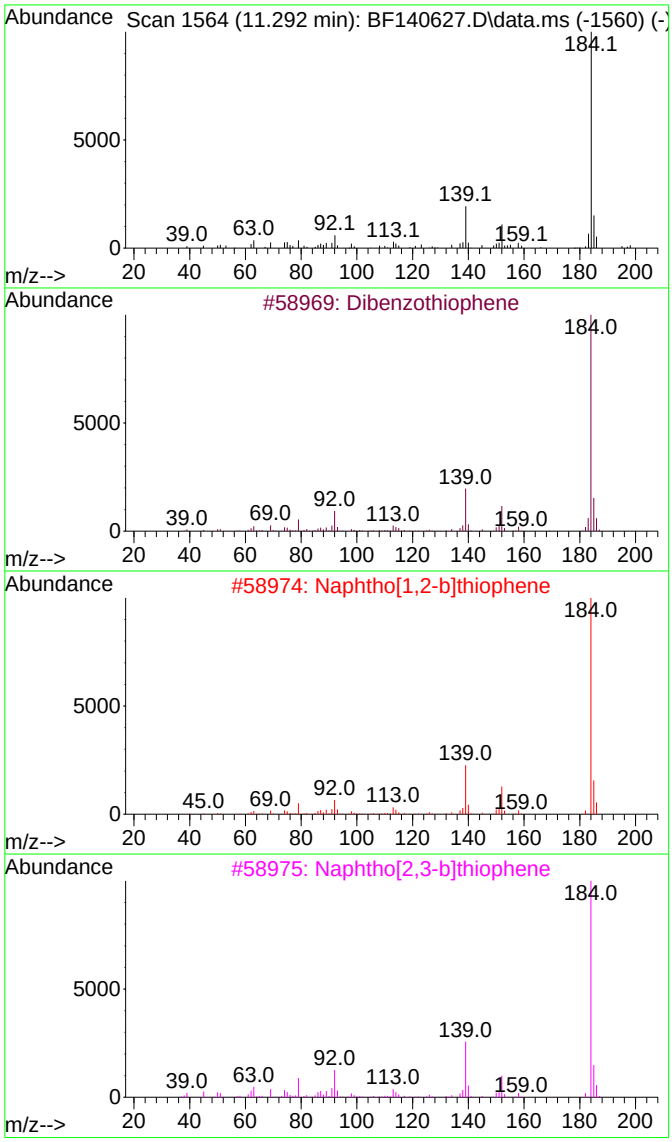
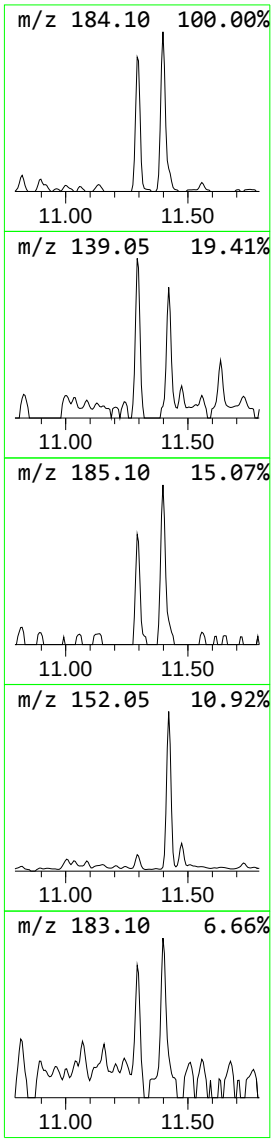
Peak Number 12 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.292	3.07 ng	63711	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	52





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Sample : P4954-03 5X
Misc :
ALS Vial : 25 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

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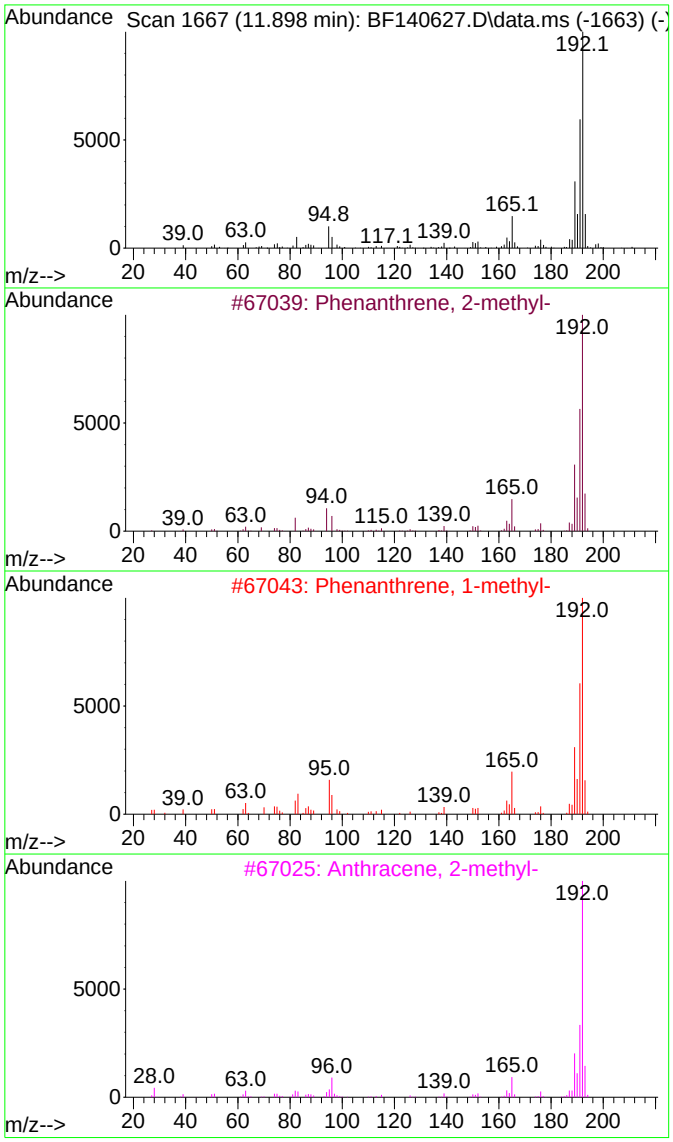
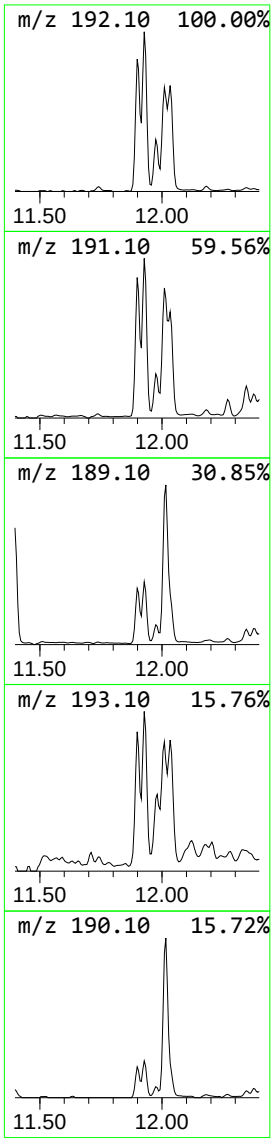
Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	6.87 ng	142446	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Misc :
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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 14 Anthracene, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	5.86 ng	121599	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
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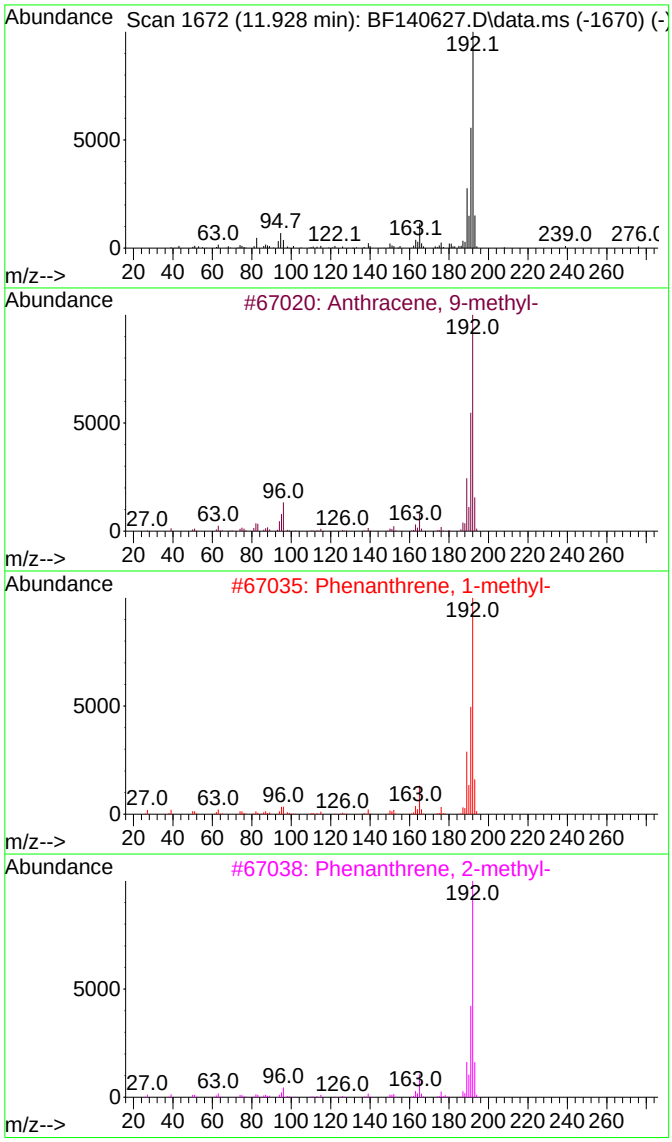
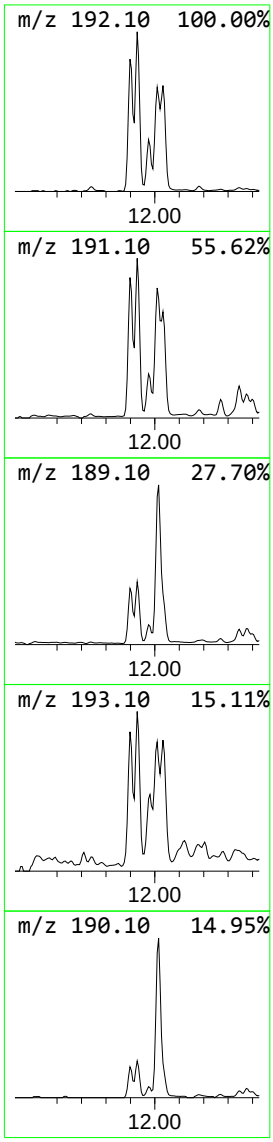
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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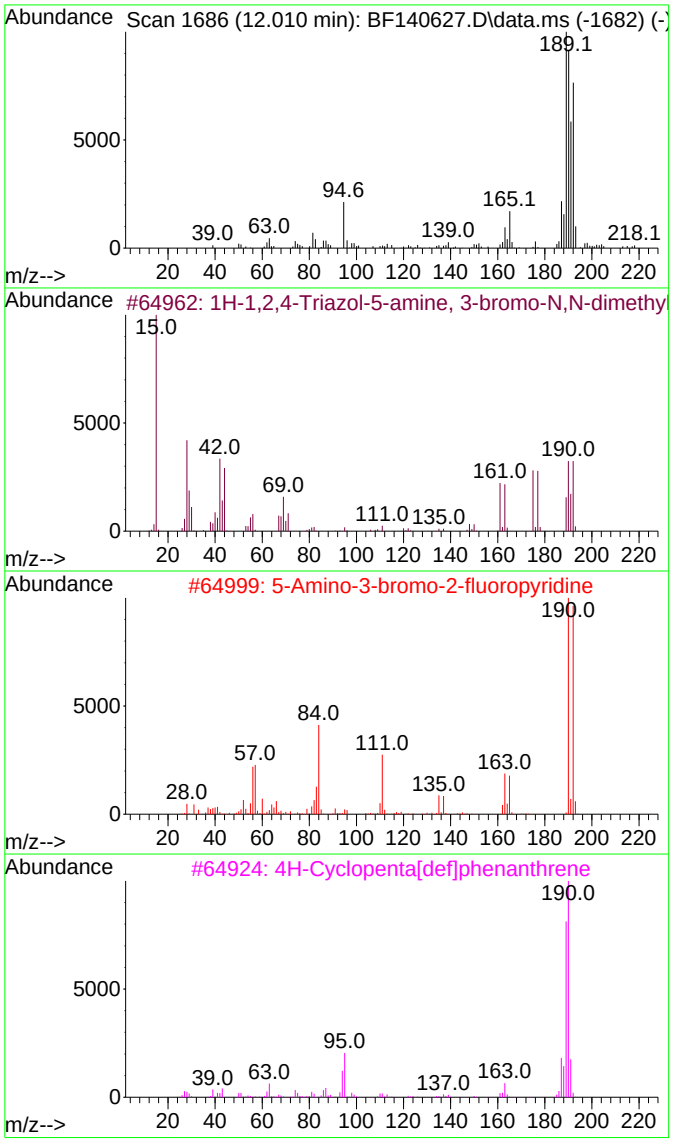
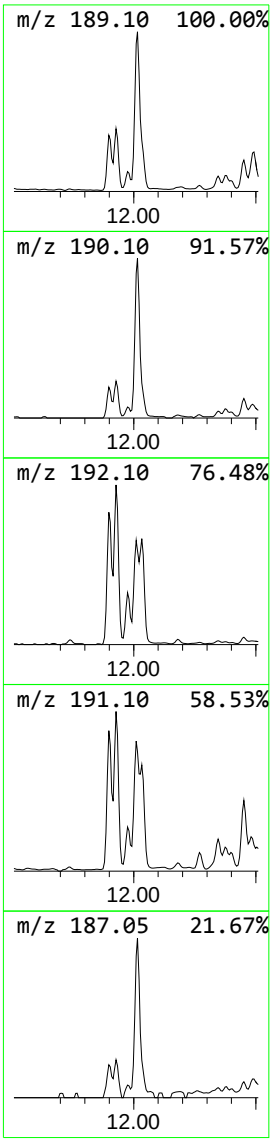
Peak Number 15 unknown12.010 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	13.27 ng	275336	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
2	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	43
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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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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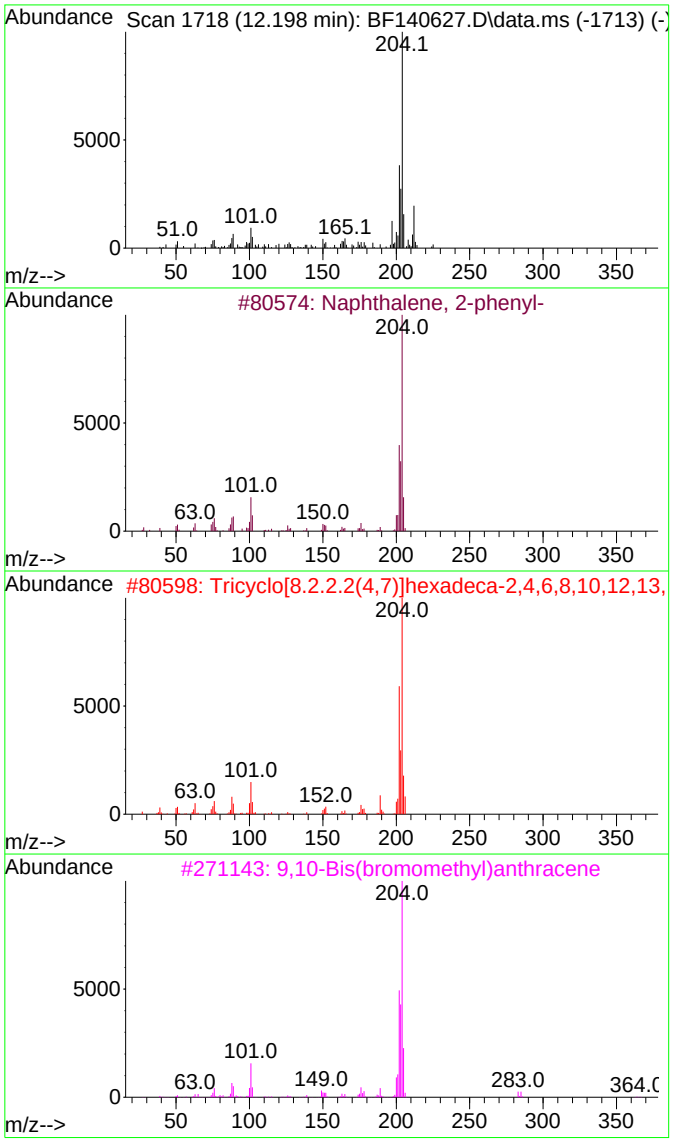
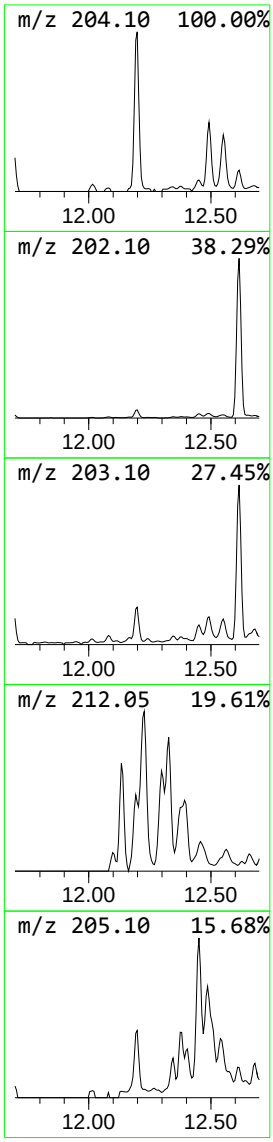
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.87 ng	59635	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	45





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

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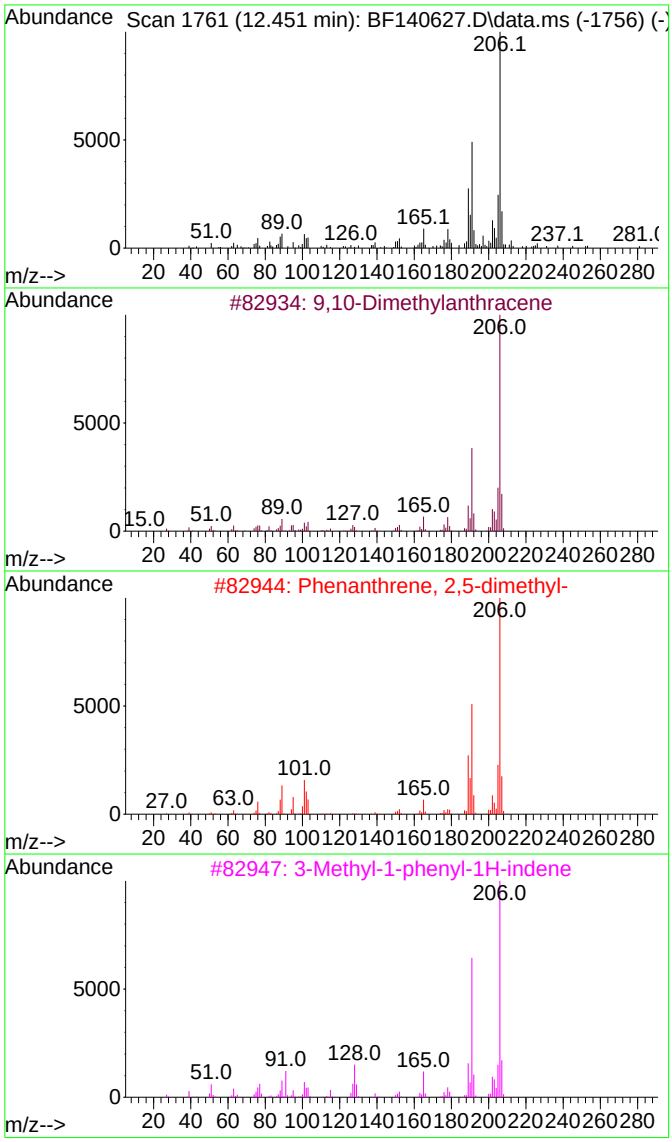
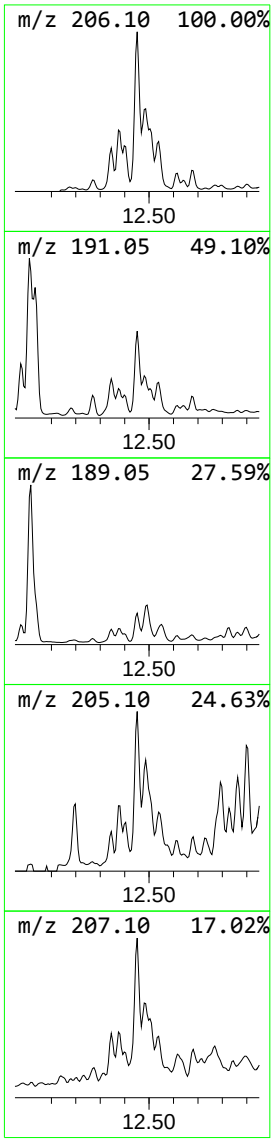
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	4.79 ng	99466	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93
4	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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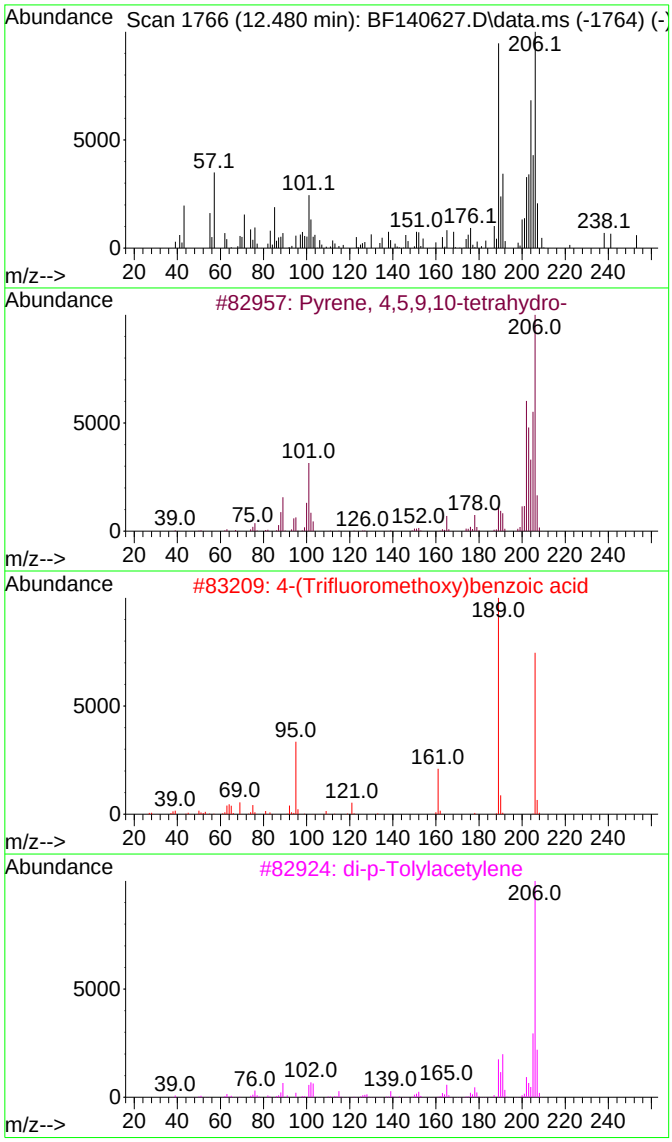
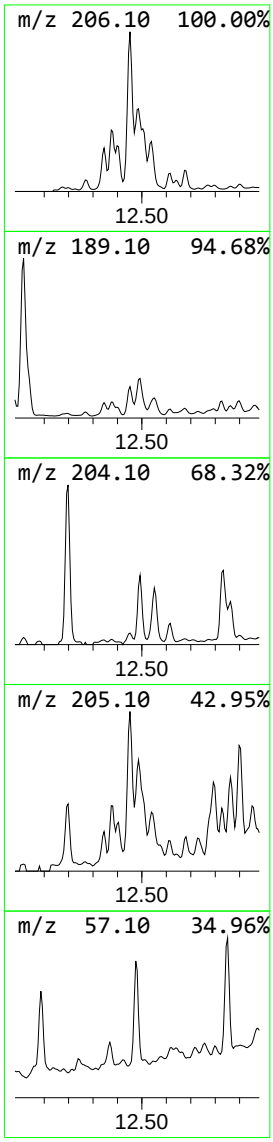
Peak Number 18 unknown12.480 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	4.21 ng	87371	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	46
2	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	38
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	35
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	30
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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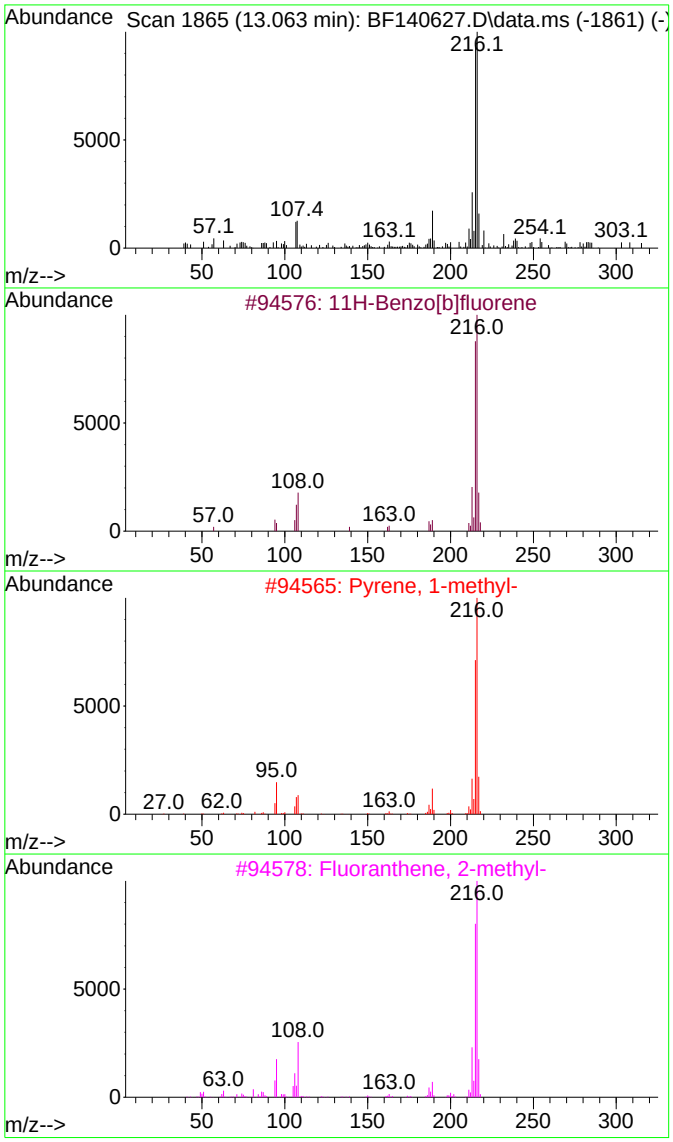
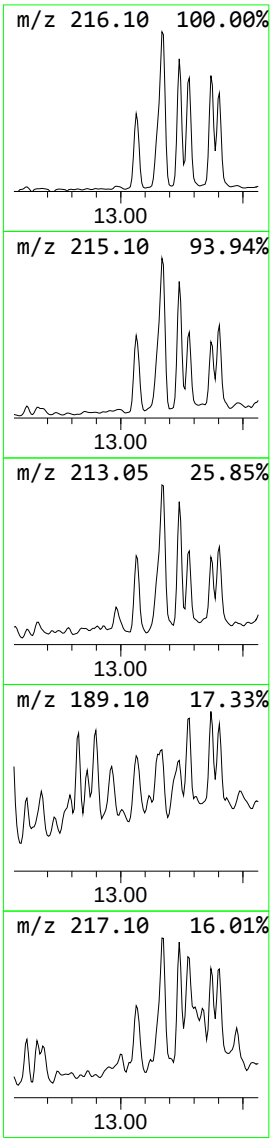
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	3.98 ng	62283	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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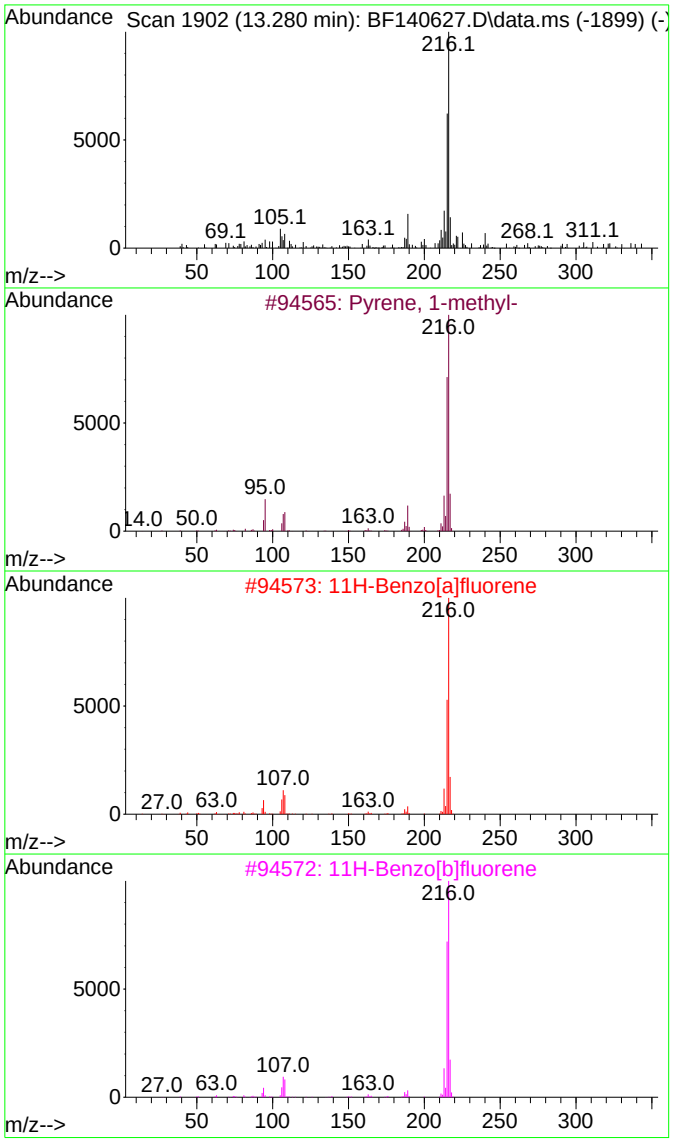
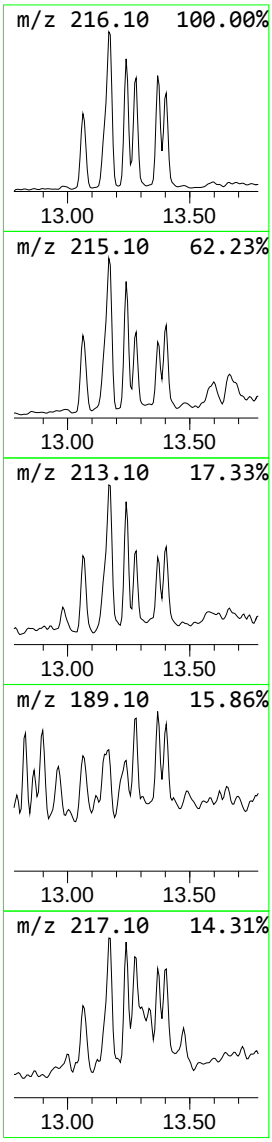
Peak Number 20 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	3.28 ng	51387	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
Data File : BF140627.D
Acq On : 26 Nov 2024 01:58
Operator : RC/JU
Sample : P4954-03 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-112124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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,...	9.492	4.3	ng	83301	3	9.910	385148	20.0
Naphthalene, 2,...	9.563	5.7	ng	108969	3	9.910	385148	20.0
Naphthalene, 1,...	9.592	3.4	ng	65530	3	9.910	385148	20.0
Naphthalene, 1,...	9.681	3.0	ng	57793	3	9.910	385148	20.0
3-(2-Methyl-pro...	10.328	3.0	ng	56948	3	9.910	385148	20.0
1,1'-Biphenyl, ...	10.539	3.0	ng	58257	3	9.910	385148	20.0
Benzophenone	10.616	2.8	ng	53932	3	9.910	385148	20.0
Tridecane, 1-iodo-	10.810	2.1	ng	44553	4	11.398	414957	20.0
9H-Fluorene, 1-...	11.004	3.6	ng	75794	4	11.398	414957	20.0
3H-Benz[e]inden...	11.033	2.2	ng	45230	4	11.398	414957	20.0
2-[2-Phenylethe...	11.151	2.5	ng	51748	4	11.398	414957	20.0
Dibenzothiophene	11.292	3.1	ng	63711	4	11.398	414957	20.0
Phenanthrene, 2...	11.898	6.9	ng	142446	4	11.398	414957	20.0
Anthracene, 9-m...	11.928	5.9	ng	121599	4	11.398	414957	20.0
unknown12.010	12.010	13.3	ng	275336	4	11.398	414957	20.0
Naphthalene, 2-...	12.198	2.9	ng	59635	4	11.398	414957	20.0
9,10-Dimethylan...	12.451	4.8	ng	99466	4	11.398	414957	20.0
unknown12.480	12.480	4.2	ng	87371	4	11.398	414957	20.0
11H-Benzo[b]flu...	13.063	4.0	ng	62283	5	14.045	313228	20.0
Pyrene, 1-methyl-	13.280	3.3	ng	51387	5	14.045	313228	20.0