LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142977.D
Acq On : 02 Jul 2025 18:20
Operator : RC/JU
Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-66

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142977.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	480	490	501	rBV	53934	83031	8.94%	0.741%
2	5.487	555	560	578	rBV	610582	795037	85.58%	7.099%
3	6.498	727	732	754	rBV	623223	801725	86.30%	7.158%
4	6.869	790	795	802	rBV	253740	312367	33.62%	2.789%
5	7.434	886	891	901	rBV	406702	508500	54.74%	4.540%
6	8.157	1006	1014	1020	rBV	322185	412541	44.41%	3.683%
7	8.210	1020	1023	1026	rVB	9342	10527	1.13%	0.094%
8	8.357	1045	1048	1055	rVB4	6162	9819	1.06%	0.088%
9	8.440	1055	1062	1068	rBV7	4728	11148	1.20%	0.100%
10	8.569	1080	1084	1096	rVB	14787	25086	2.70%	0.224%
11	9.063	1159	1168	1172	rBV7	4525	14312	1.54%	0.128%
12	9.175	1184	1187	1191	rVB2	16225	20108	2.16%	0.180%
13	9.228	1191	1196	1201	rBV	746809	929010	100.00%	8.295%
14	9.310	1205	1210	1214	rBV2	11090	17306	1.86%	0.155%
15	9.622	1258	1263	1270	rVB5	22551	39028	4.20%	0.348%
16	9.775	1285	1289	1293	rBV	26737	33757	3.63%	0.301%
17	9.822	1293	1297	1303	rVV2	9728	17640	1.90%	0.158%
18	9.910	1307	1312	1317	rVB	351060	441580	47.53%	3.943%
19	10.333	1377	1384	1387	rBV3	9513	19408	2.09%	0.173%
20	10.557	1417	1422	1428	rBV2	4539	9451	1.02%	0.084%
21	10.622	1428	1433	1440	rVB	80190	106949	11.51%	0.955%
22	10.704	1441	1447	1457	rVV	411100	538500	57.96%	4.808%
23	10.822	1461	1467	1473	rVB3	19218	34551	3.72%	0.308%
24	11.010	1494	1499	1502	rBV5	6176	11354	1.22%	0.101%
25	11.257	1537	1541	1544	rBV2	10105	13631	1.47%	0.122%
26	11.286	1544	1546	1553	rVB5	7476	11974	1.29%	0.107%
27	11.404	1561	1566	1575	rBV2	284341	433820	46.70%	3.873%
28	11.639	1602	1606	1610	rBV3	6288	12313	1.33%	0.110%
29	11.686	1610	1614	1618	rVV4	13814	24412	2.63%	0.218%
30	11.733	1618	1622	1630	rVB	11451	17306	1.86%	0.155%
31	11.904	1646	1651	1652	rBV	39757	44491	4.79%	0.397%
32	11.928	1652	1655	1661	rVB2	61335	91372	9.84%	0.816%
33	12.016	1666	1670	1673	rBV2	51927	77715	8.37%	0.694%
34	12.092	1679	1683	1688	rBV4	10039	16951	1.82%	0.151%
35	12.198	1698	1701	1704	rBV	24029	31187	3.36%	0.278%
36	12.227	1704	1706	1711	rVB2	15262	20618	2.22%	0.184%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
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Acq On : 02 Jul 2025 18:20
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-66

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.345	1720	1726	1729	rBV2	15968	27324	2.94%	0.244%
38	12.380	1729	1732	1735	rBV	21904	25472	2.74%	0.227%
39	12.457	1740	1745	1748	rBV	67082	99933	10.76%	0.892%
40	12.486	1748	1750	1757	rVB2	37248	59203	6.37%	0.529%
41	12.545	1757	1760	1768	rVB4	32600	55916	6.02%	0.499%
42	12.616	1768	1772	1777	rBV	235661	304191	32.74%	2.716%
43	12.663	1777	1780	1781	rBV	12087	12705	1.37%	0.113%
44	12.716	1786	1789	1792	rBV	10051	10742	1.16%	0.096%
45	12.851	1805	1812	1817	rBV	299753	448795	48.31%	4.007%
46	12.904	1817	1821	1825	rVB2	30876	39829	4.29%	0.356%
47	12.986	1825	1835	1843	rVB	491935	674273	72.58%	6.020%
48	13.069	1843	1849	1855	rBV3	50154	97332	10.48%	0.869%
49	13.122	1855	1858	1860	rBV2	9580	11200	1.21%	0.100%
50	13.174	1860	1867	1871	rVB	64462	134247	14.45%	1.199%
51	13.245	1871	1879	1882	rBV	39410	67284	7.24%	0.601%
52	13.280	1882	1885	1892	rVB2	68772	91035	9.80%	0.813%
53	13.374	1897	1901	1904	rBV	49203	66712	7.18%	0.596%
54	13.404	1904	1906	1910	rVB	42855	42764	4.60%	0.382%
55	13.492	1917	1921	1924	rBV2	9218	11476	1.24%	0.102%
56	13.686	1946	1954	1959	rVB2	34586	67572	7.27%	0.603%
57	13.745	1961	1964	1967	rBV	12505	14613	1.57%	0.130%
58	13.798	1967	1973	1975	rBV2	47906	75945	8.17%	0.678%
59	13.851	1980	1982	1985	rVV2	28516	40389	4.35%	0.361%
60	13.892	1985	1989	1999	rVB5	41724	90043	9.69%	0.804%
61	13.969	1999	2002	2008	rVB4	11351	17583	1.89%	0.157%
62	14.045	2008	2015	2018	rBV2	360602	614556	66.15%	5.487%
63	14.074	2018	2020	2027	rVV	196933	243064	26.16%	2.170%
64	14.151	2027	2033	2037	rVV3	18829	43847	4.72%	0.391%
65	14.198	2038	2041	2050	rVB5	25389	60067	6.47%	0.536%
66	14.398	2072	2075	2077	rBV3	16843	22249	2.39%	0.199%
67	14.433	2077	2081	2085	rVV	70734	104398	11.24%	0.932%
68	14.469	2085	2087	2091	rVB	33853	35195	3.79%	0.314%
69	14.527	2091	2097	2100	rBV4	22935	50742	5.46%	0.453%
70	14.563	2100	2103	2105	rBV2	26749	32446	3.49%	0.290%
71	14.633	2111	2115	2121	rVB2	20307	33347	3.59%	0.298%
72	14.939	2164	2167	2174	rVB3	16658	27948	3.01%	0.250%
73	15.104	2189	2195	2210	rBV	178017	420629	45.28%	3.756%
74	15.216	2210	2214	2218	rVV	22497	28717	3.09%	0.256%
75	15.416	2243	2248	2253	rVB	103381	156162	16.81%	1.394%
76	15.480	2253	2259	2264	rBV	135224	207441	22.33%	1.852%

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Instrument :
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ClientSampleId :
TP-66

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.539	2264	2269	2274	rBV	168956	284819	30.66%	2.543%
78	15.992	2342	2346	2350	rBV3	8942	13326	1.43%	0.119%
79	16.115	2364	2367	2372	rVB	14357	22853	2.46%	0.204%
80	17.045	2519	2525	2534	rVB2	48618	105871	11.40%	0.945%
81	17.292	2562	2567	2574	rVB2	10627	20309	2.19%	0.181%
82	17.504	2597	2603	2612	rVB	35249	76443	8.23%	0.683%
83	17.751	2642	2645	2653	rVB2	5411	10238	1.10%	0.091%

Sum of corrected areas: 11199770

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
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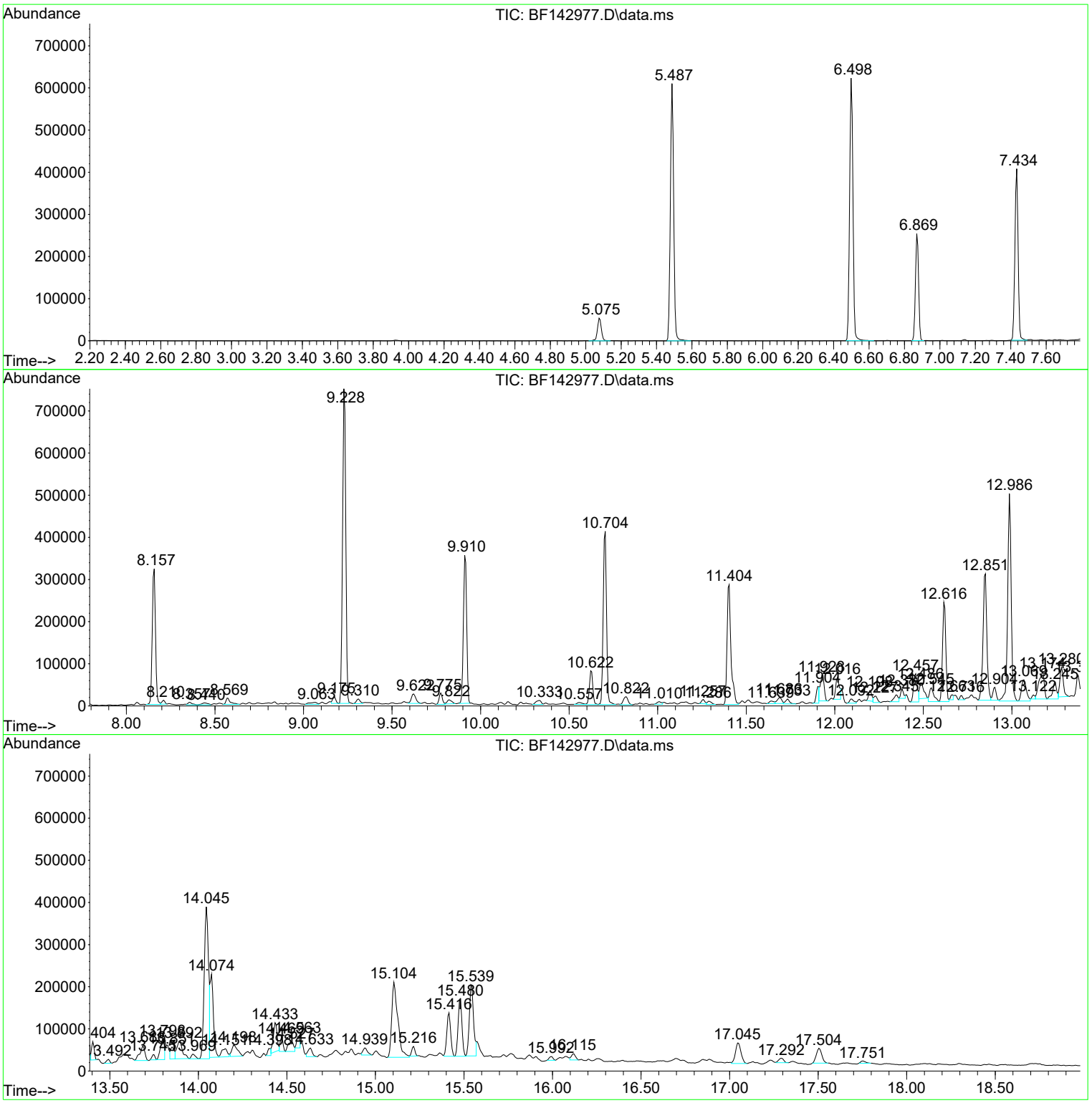
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF070225\
Data File : BF142977.D
Acq On : 02 Jul 2025 18:20
Operator : RC/JU
Sample : Q2458-05
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Instrument :
BNA_F
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TP-66

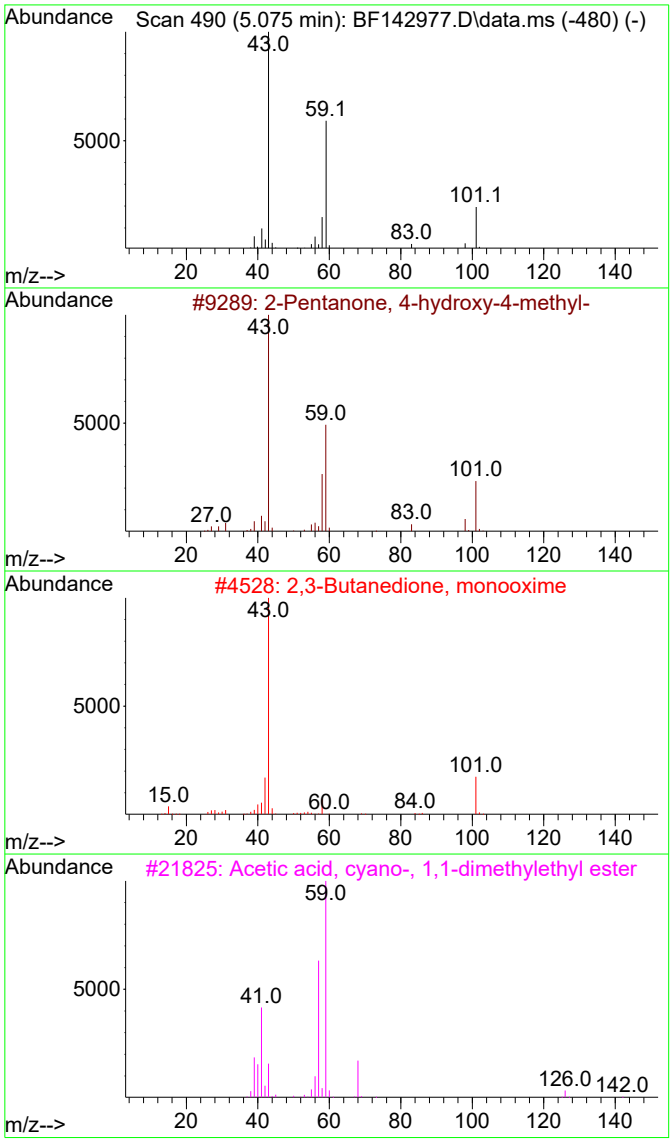
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

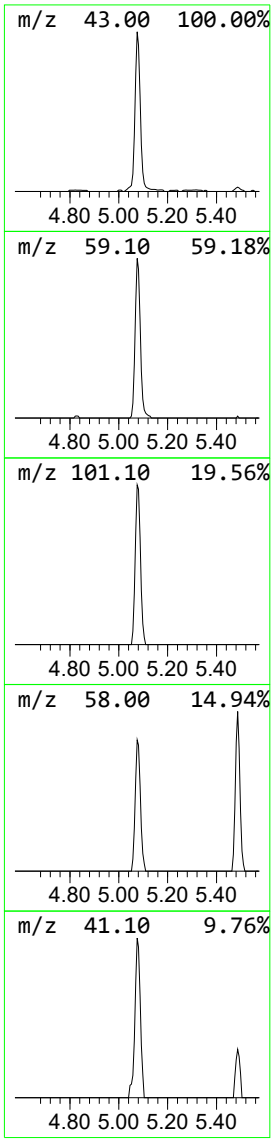
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.075	5.32 ng	83031	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

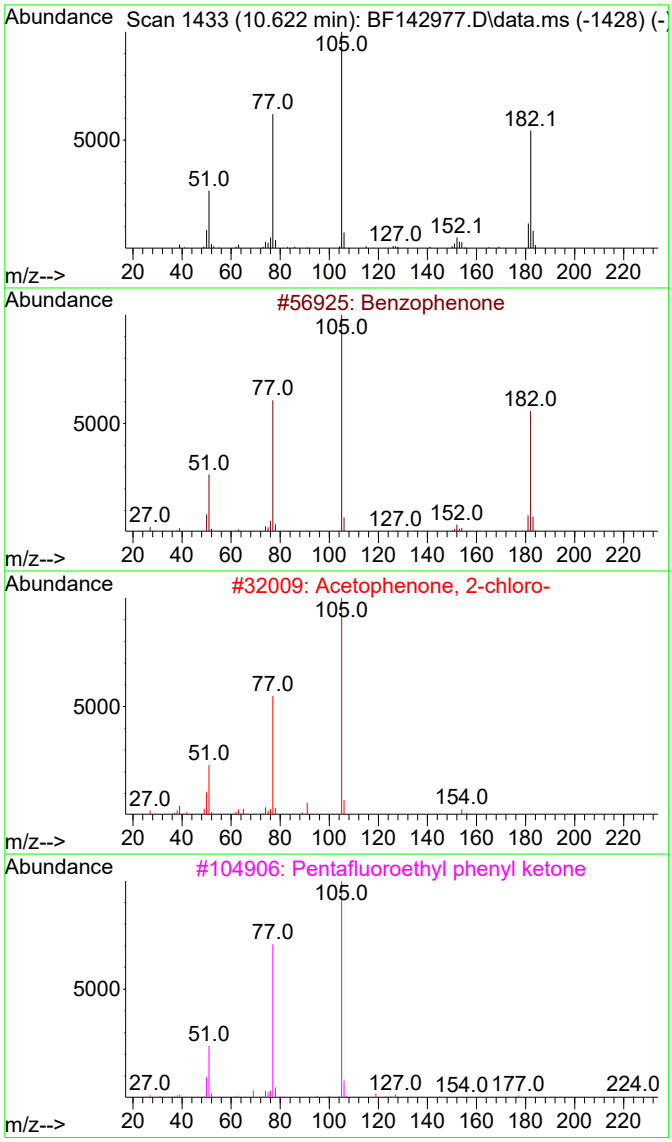
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

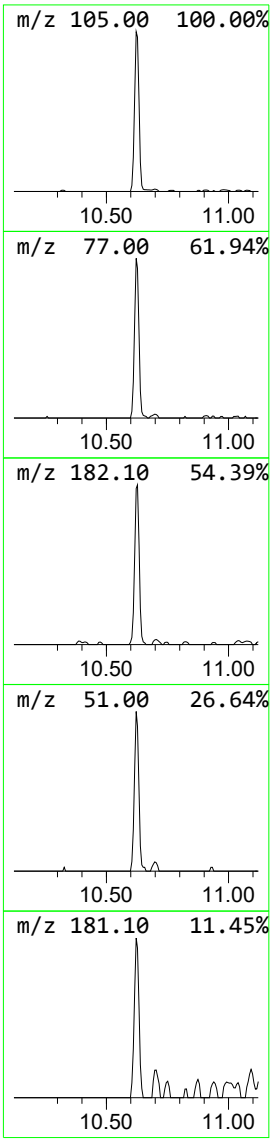
****

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.622	4.84 ng	106949	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
3	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47
4	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47
5	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

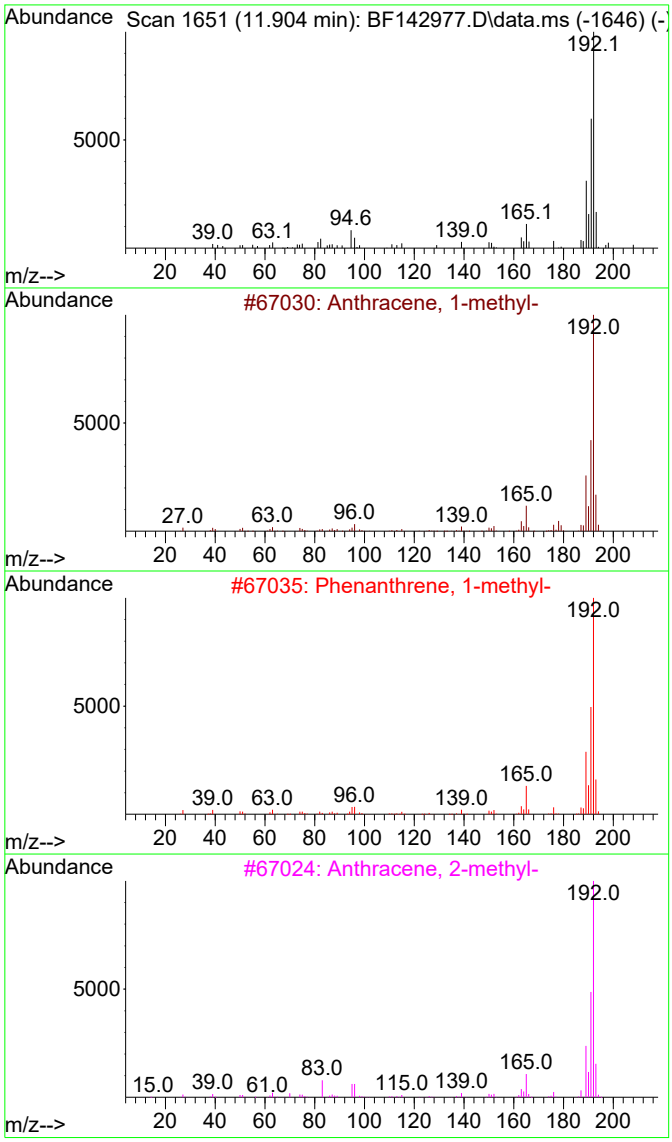
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

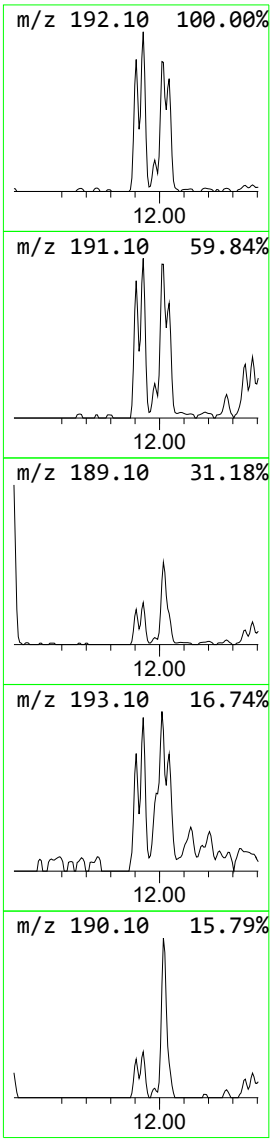
****

Peak Number 3 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	2.05 ng	44491	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
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Instrument :
BNA_F
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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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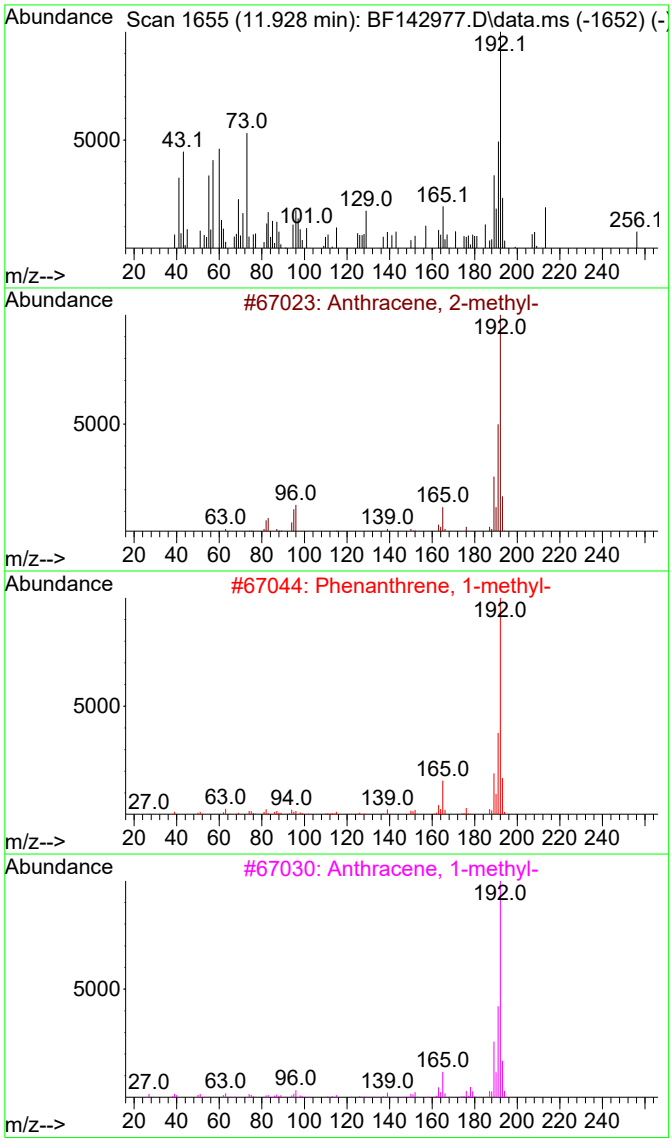
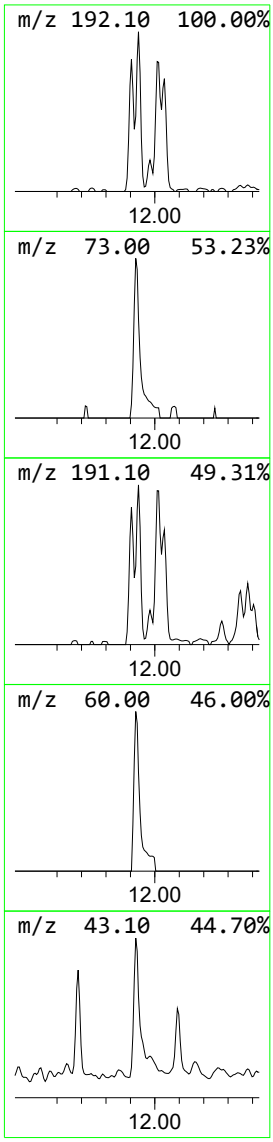
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.928	4.21 ng	91372	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86





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Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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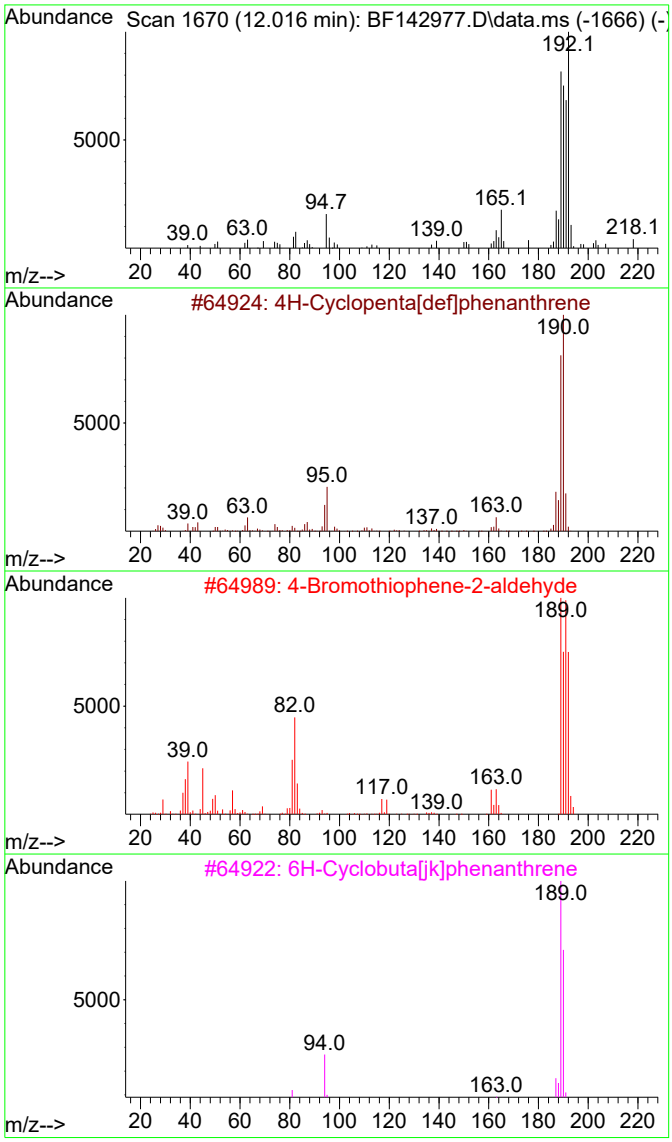
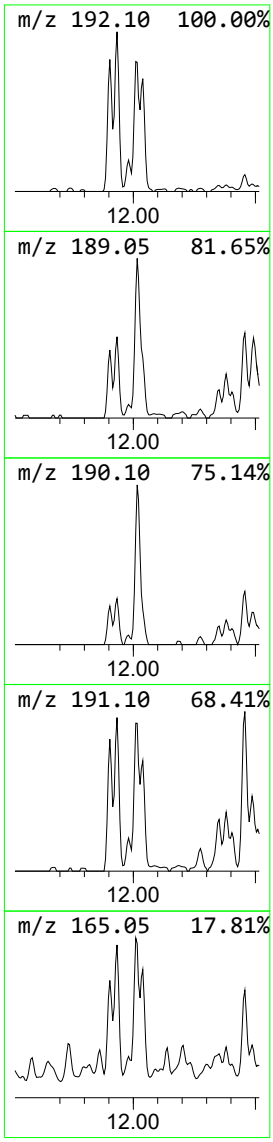
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.58 ng	77715	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142977.D
Acq On : 02 Jul 2025 18:20
Operator : RC/JU
Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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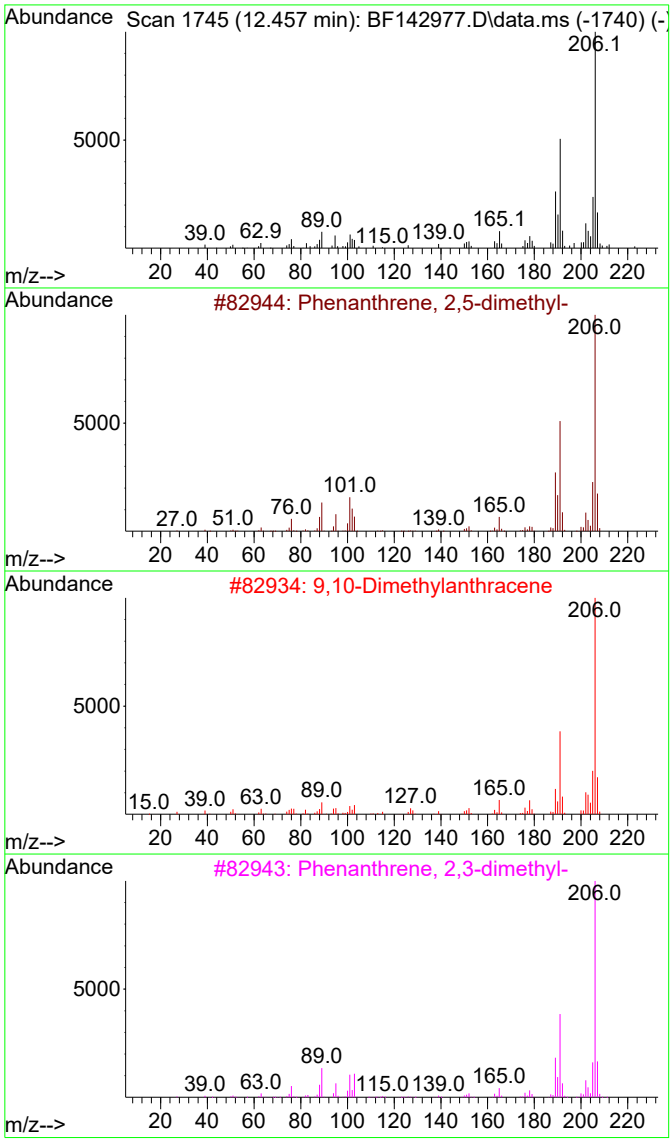
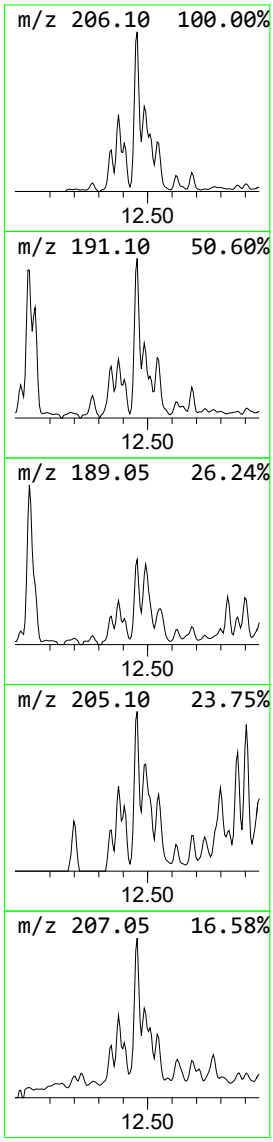
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	4.61 ng	99933	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Sample : Q2458-05
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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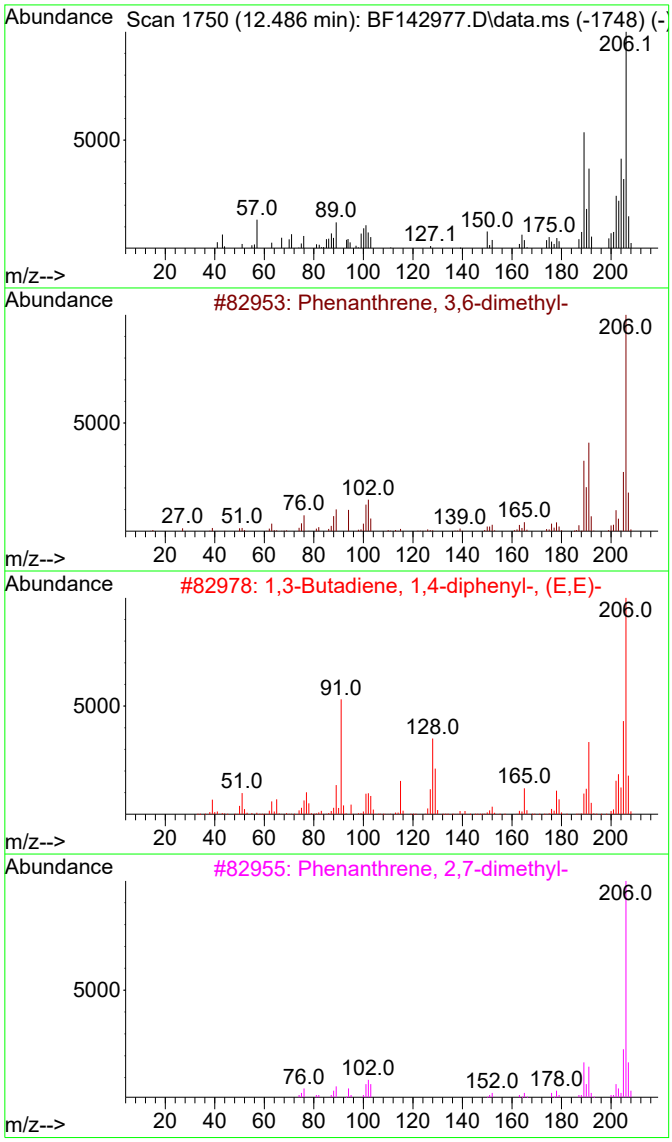
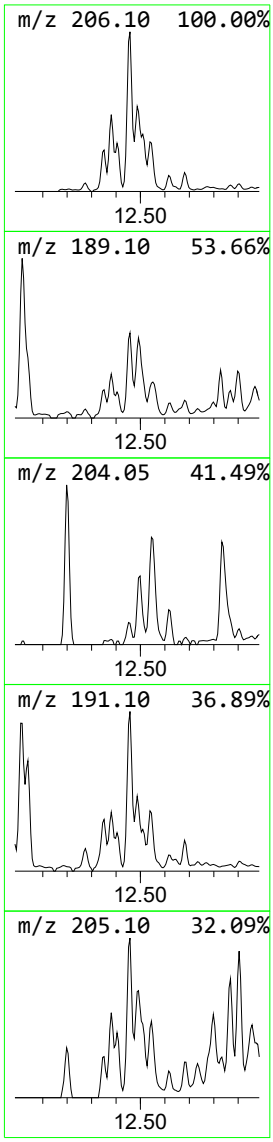
Peak Number 7 Phenanthrene, 3,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	2.73 ng	59203	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	60
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55





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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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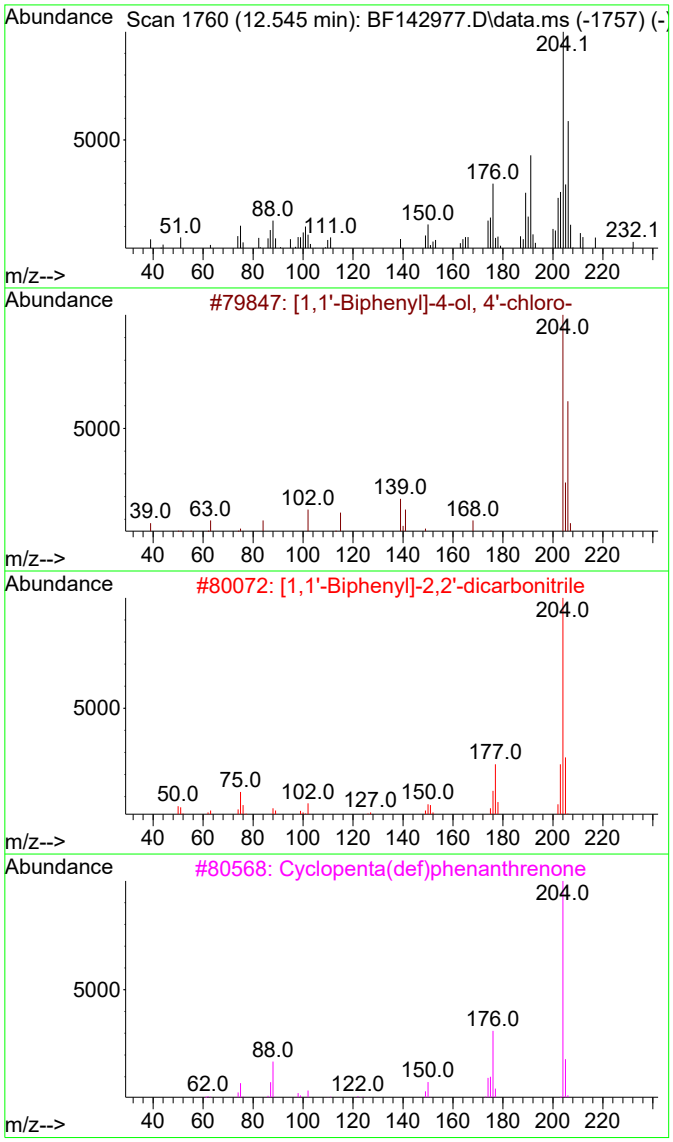
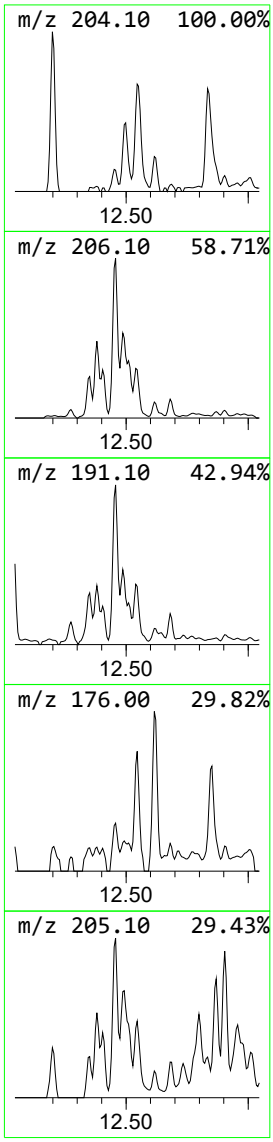
Peak Number 8 unknown12.545 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	2.58 ng	55916	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	42
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	41
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41





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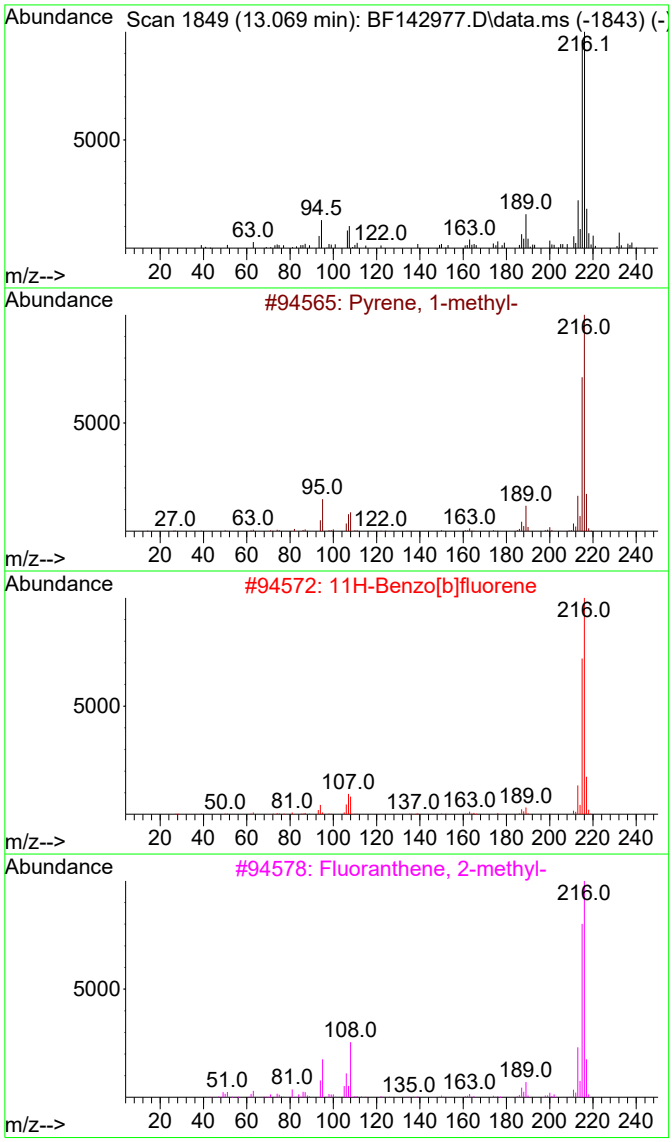
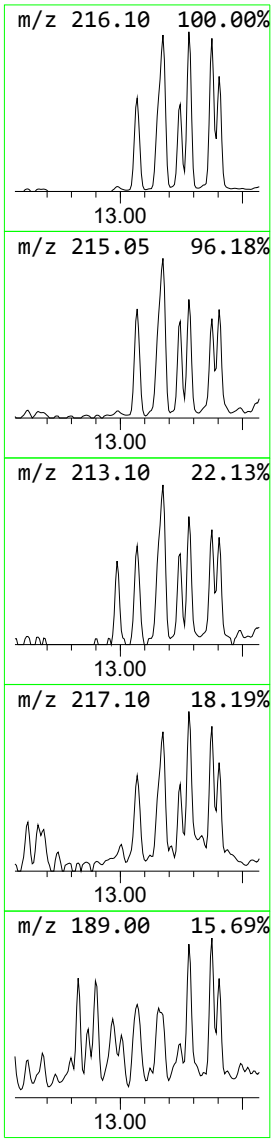
Peak Number 9 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	3.17 ng	97332	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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ALS Vial : 15 Sample Multiplier: 1

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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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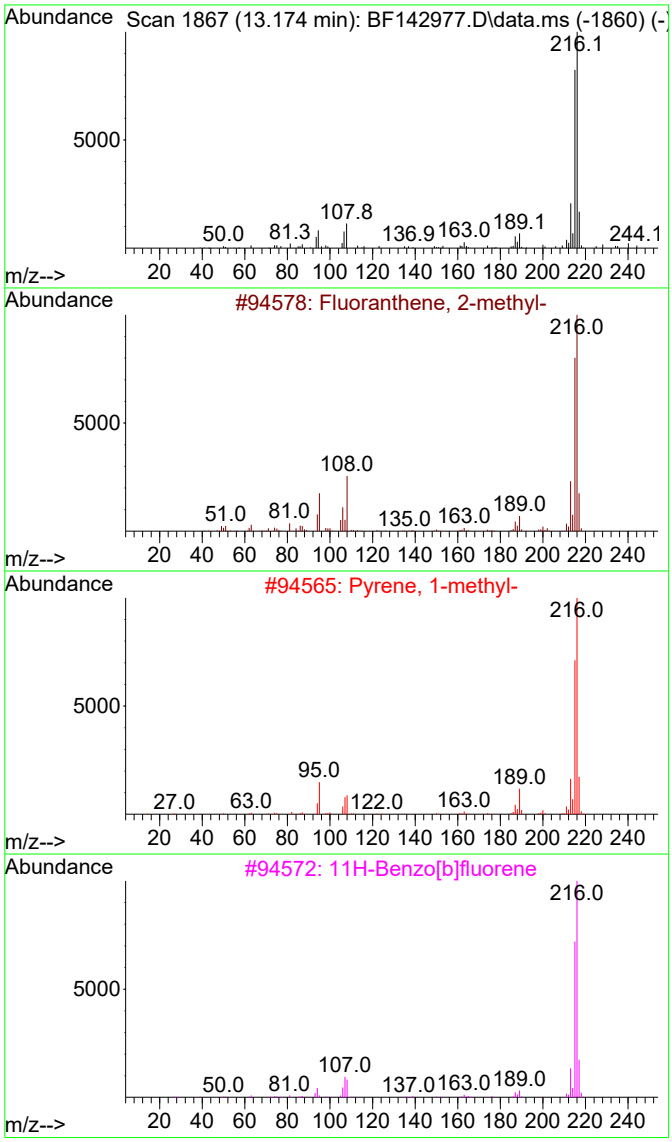
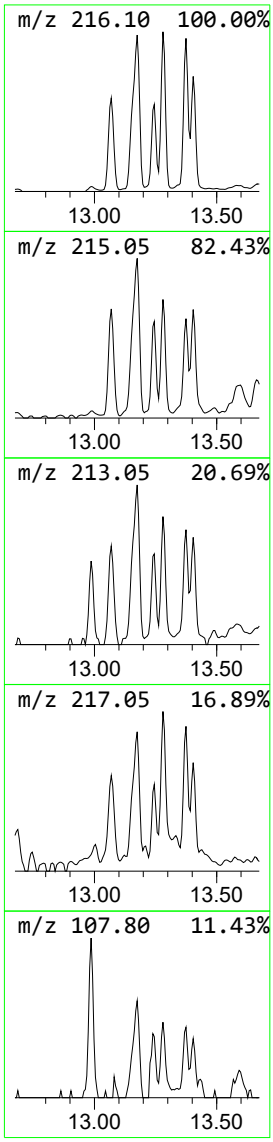
Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	4.37 ng	134247	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





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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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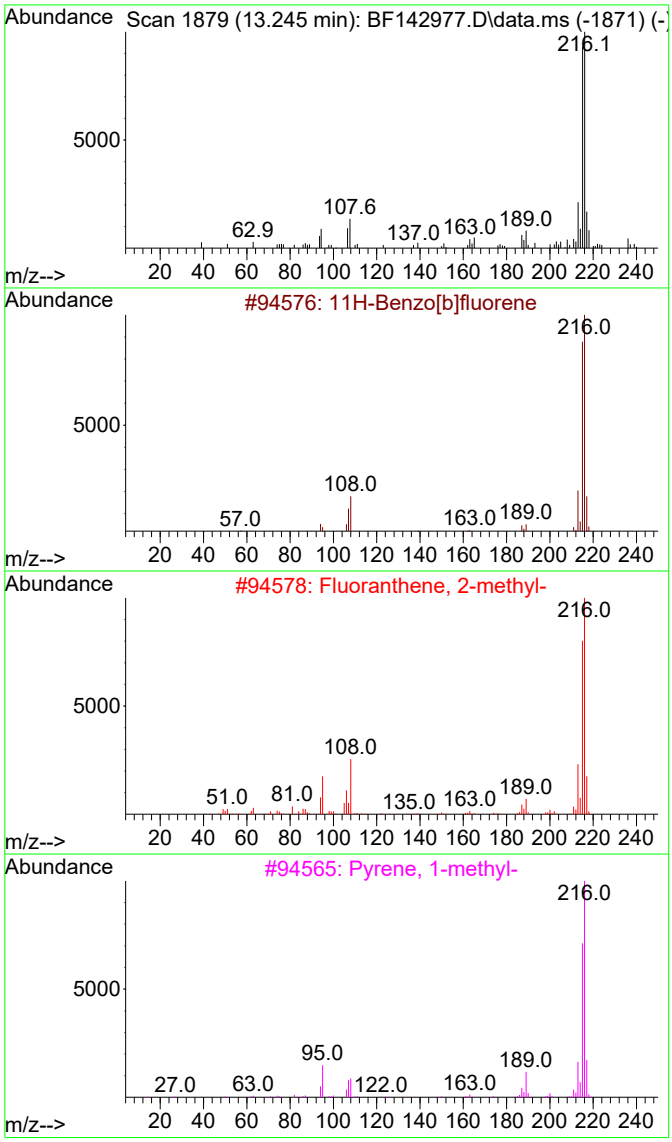
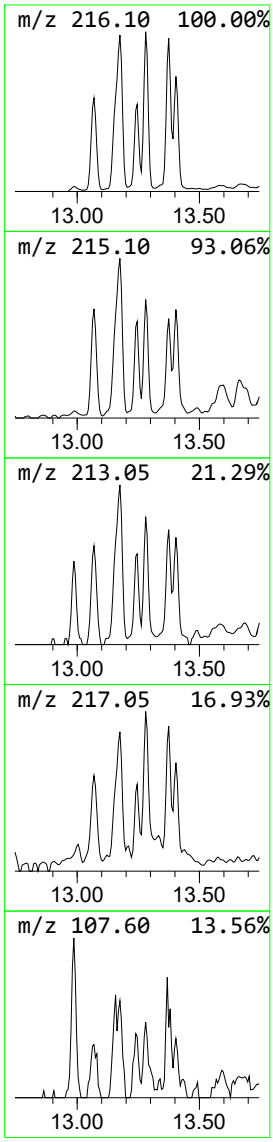
Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.19 ng	67284	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	76





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Sample : Q2458-05
Misc :
ALS Vial : 15 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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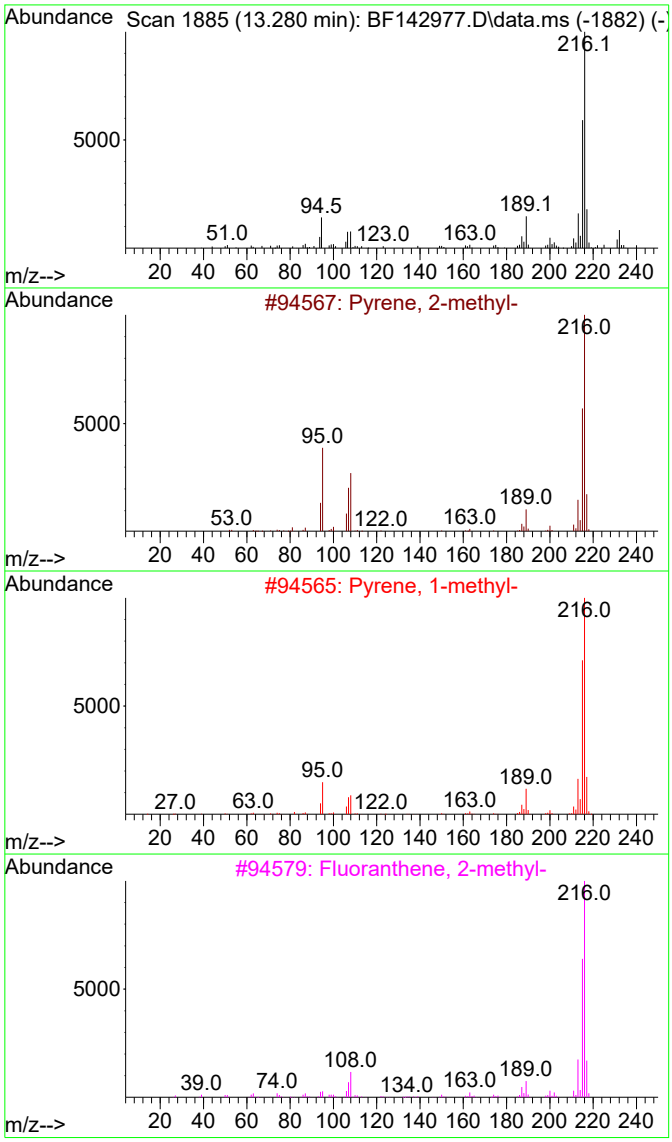
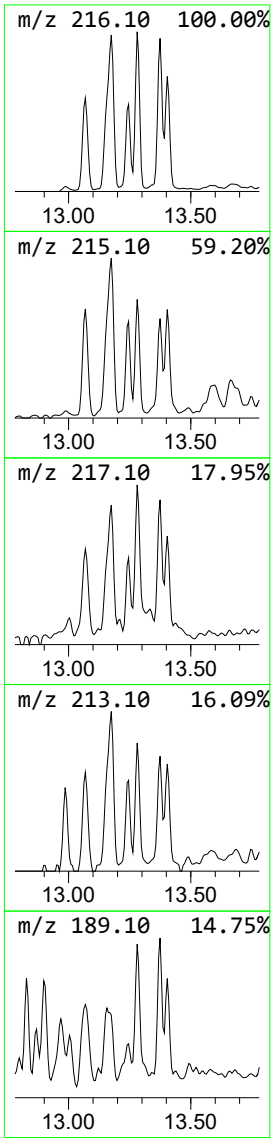
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.96 ng	91035	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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

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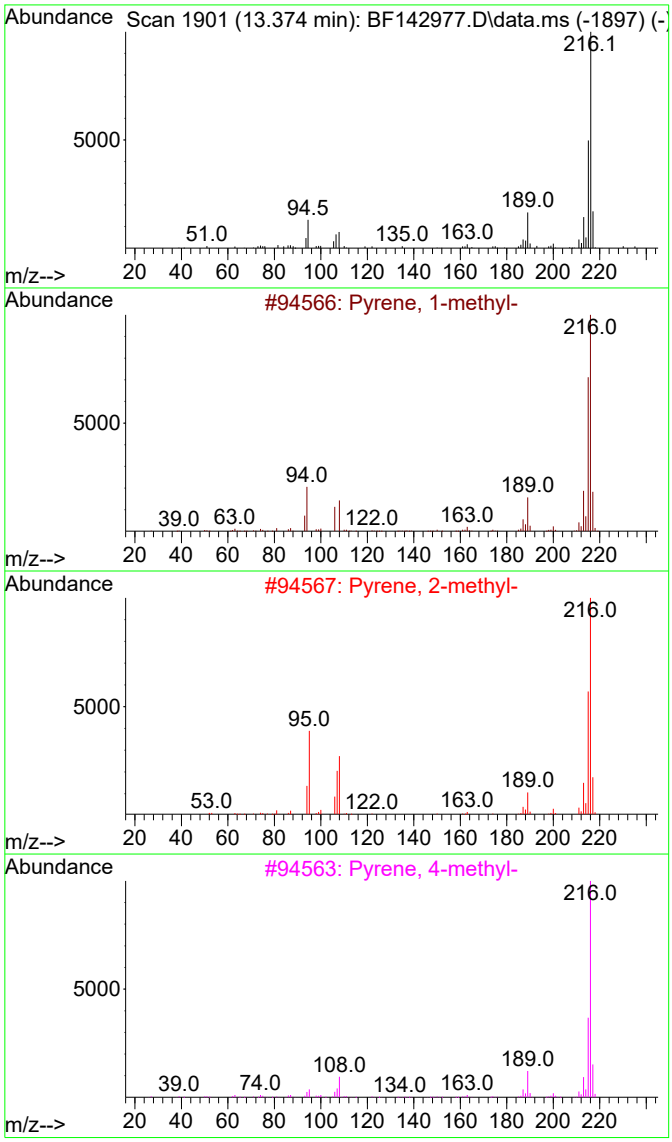
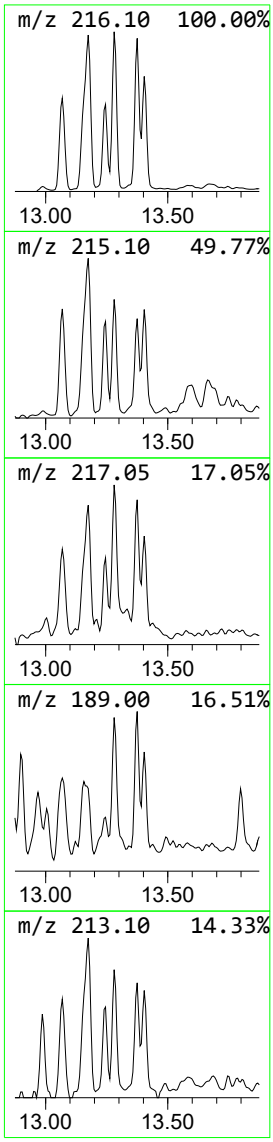
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.374	2.17 ng	66712	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





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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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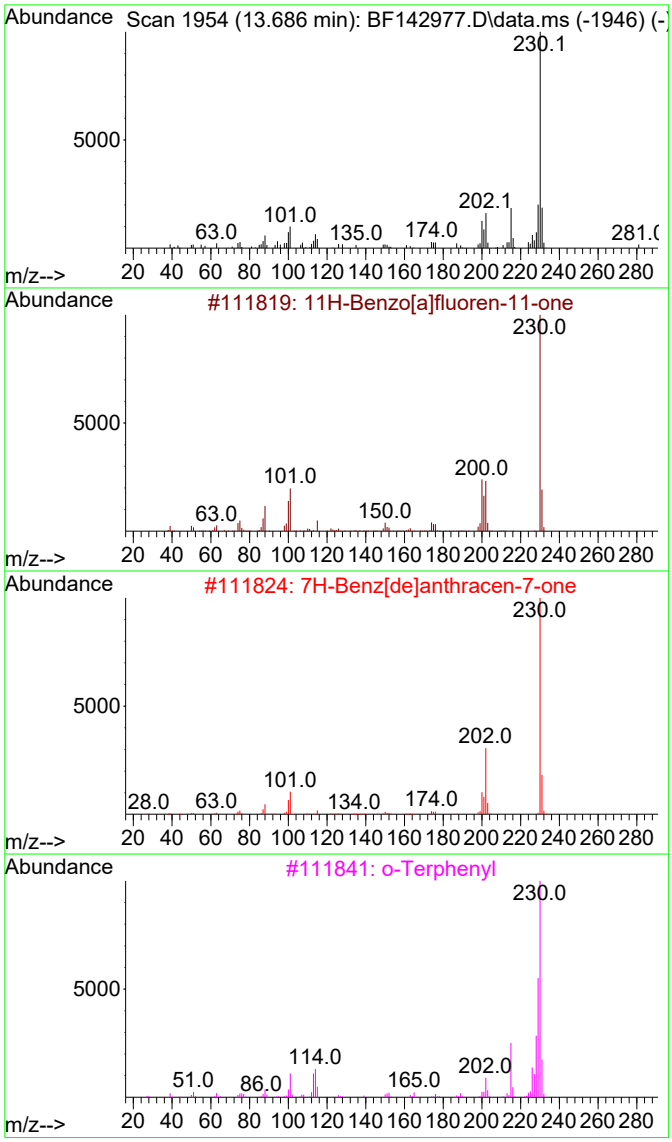
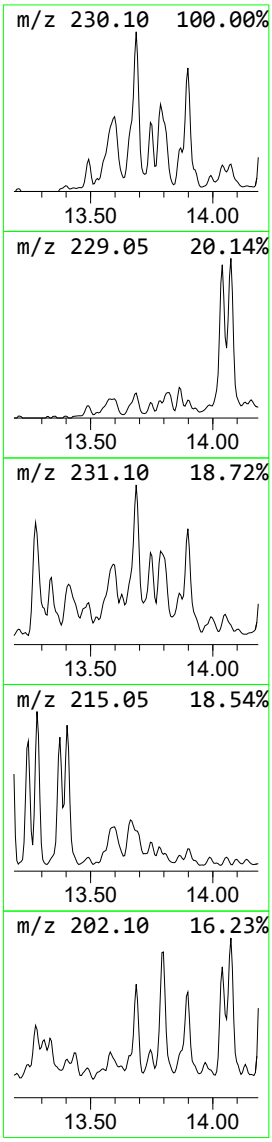
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	2.20 ng	67572	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	o-Terphenyl	230	C18H14	000084-15-1	76
4	Visnagin	230	C13H10O4	000082-57-5	64
5	6,6-Diphenylfulvene	230	C18H14	002175-90-8	64





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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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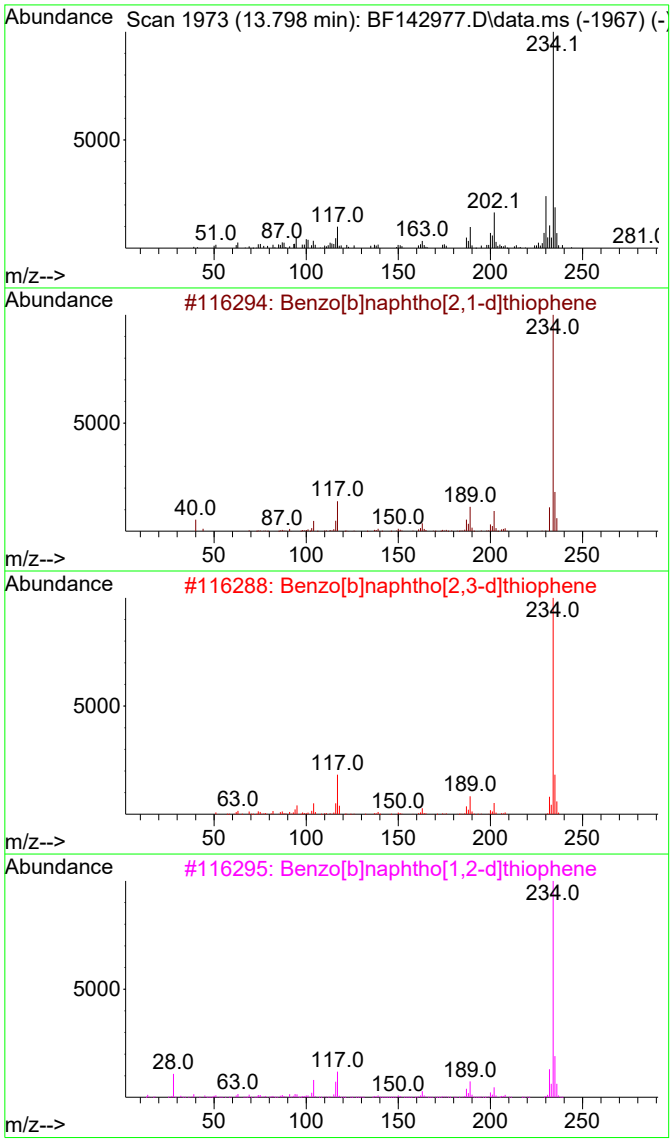
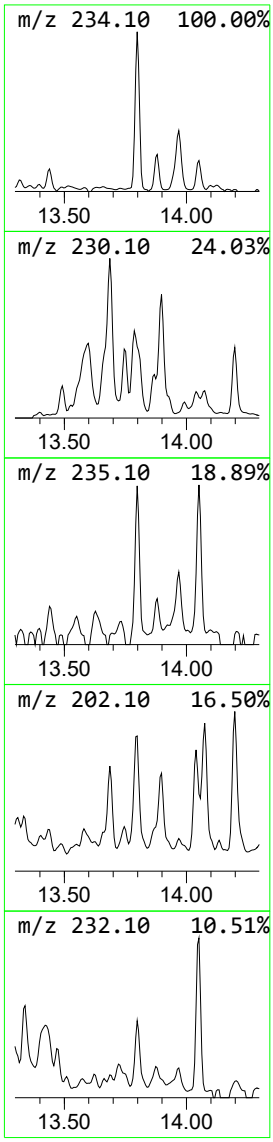
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.798	2.47 ng	75945	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	89
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	59
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	58





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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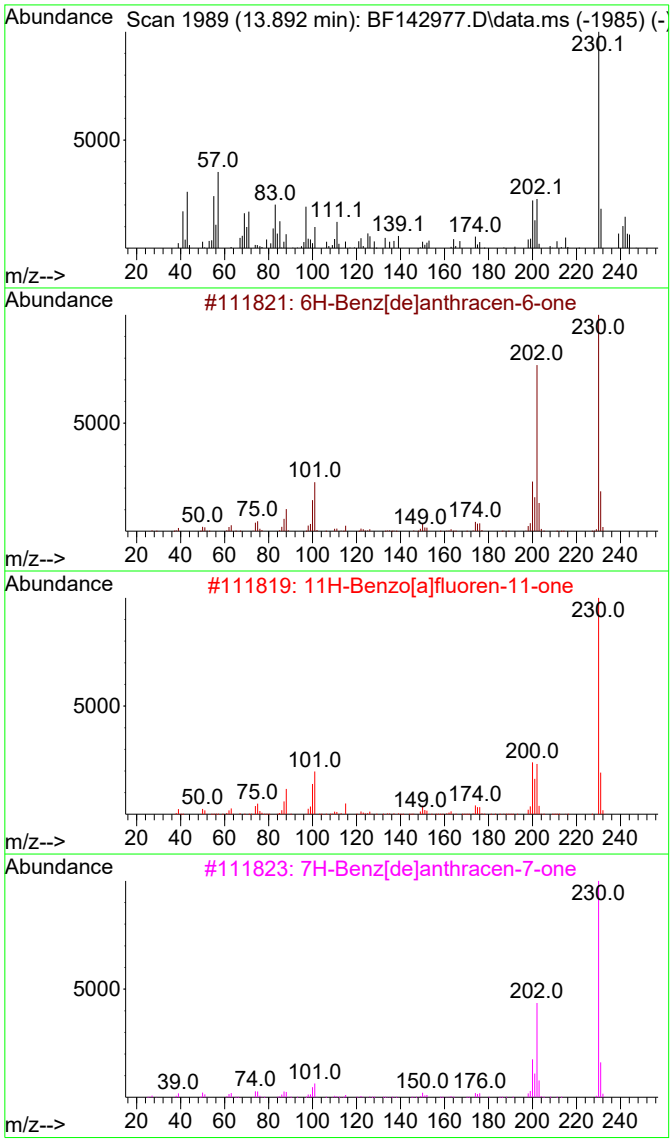
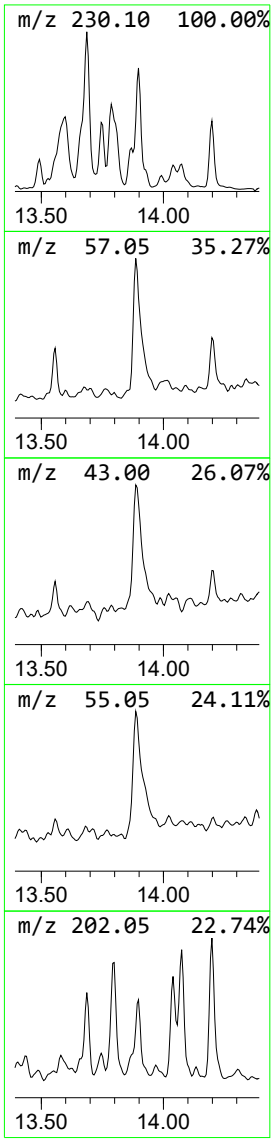
Peak Number 16 6H-Benz[de]anthracen-6-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.892	2.93 ng	90043	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	58
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	52
4	p-Terphenyl	230	C18H14	000092-94-4	43
5	5-Nitro-2,3-dimethyl-1,7-trimeth...	230	C13H14N2O2	003480-19-1	43





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

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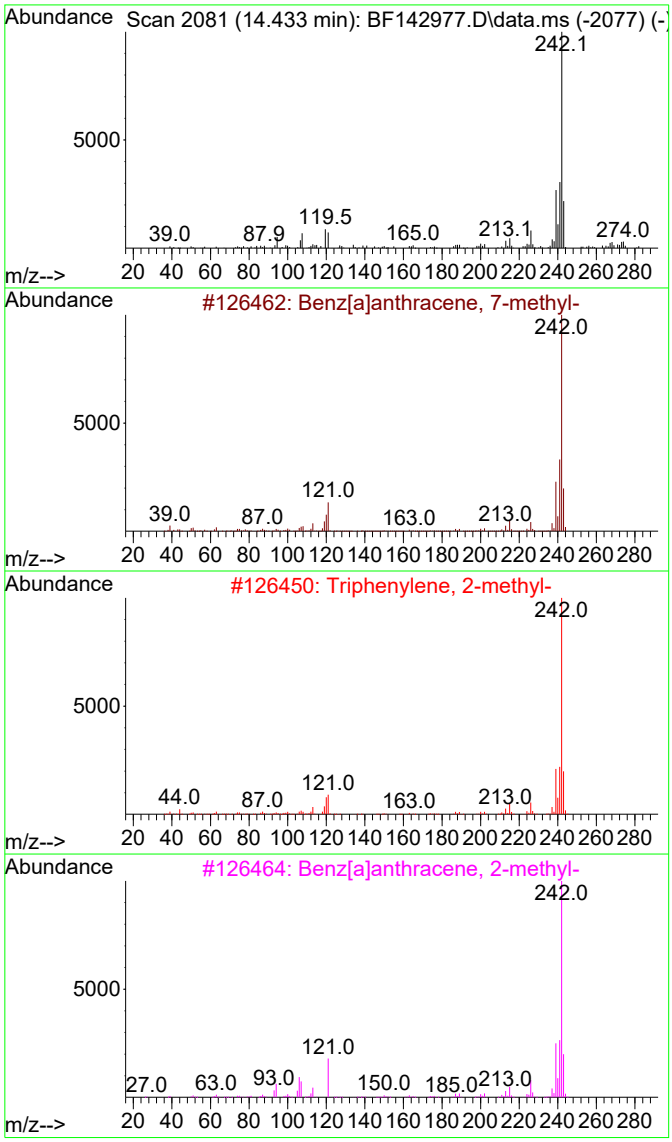
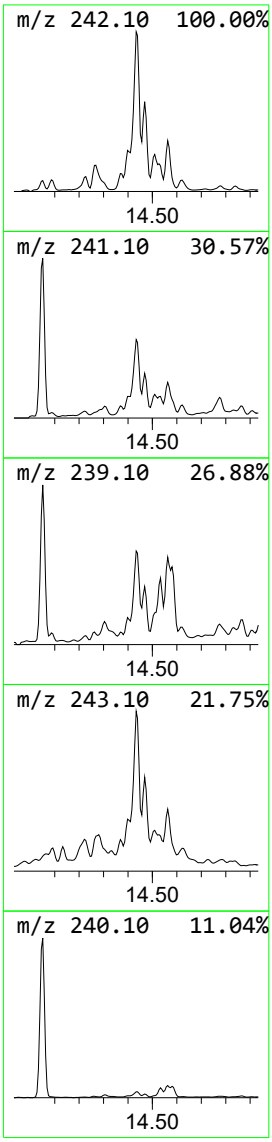
Peak Number 17 Benz[a]anthracene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	3.40 ng	104398	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	89
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	89
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

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

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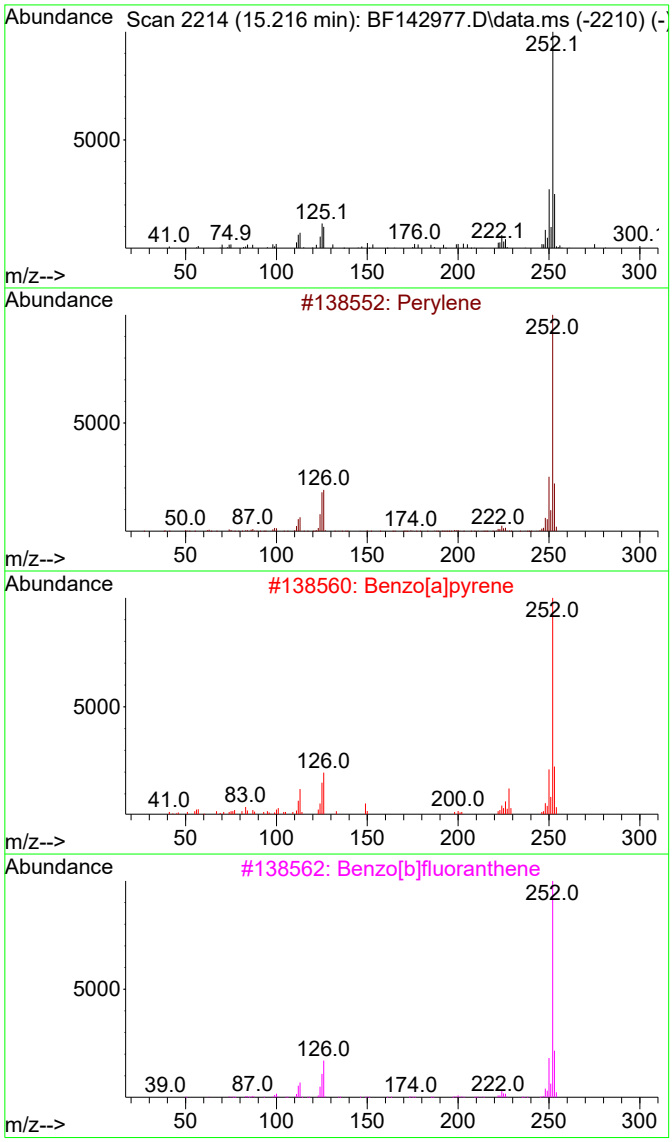
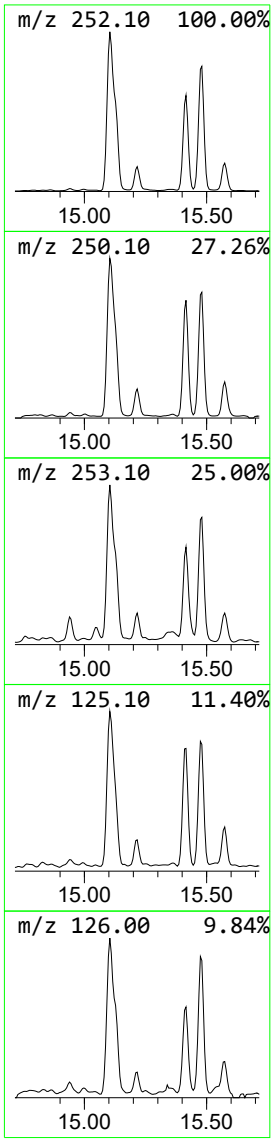
Peak Number 18 Perylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.216	2.02 ng	28717	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[e]pyrene	252	C20H12	000192-97-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142977.D
Acq On : 02 Jul 2025 18:20
Operator : RC/JU
Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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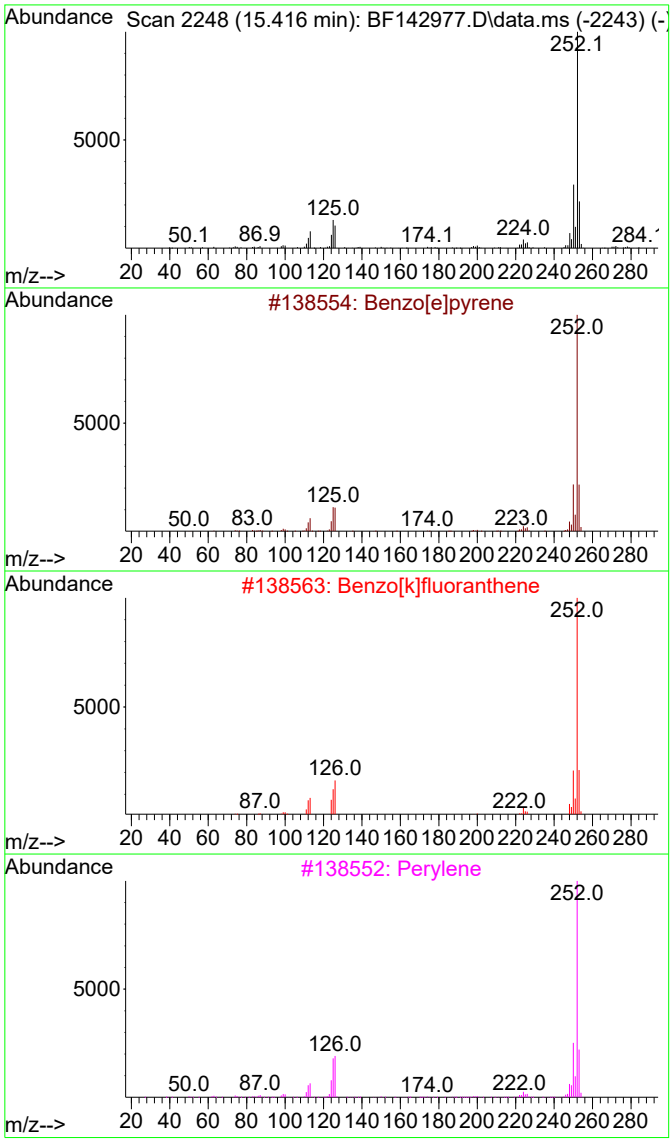
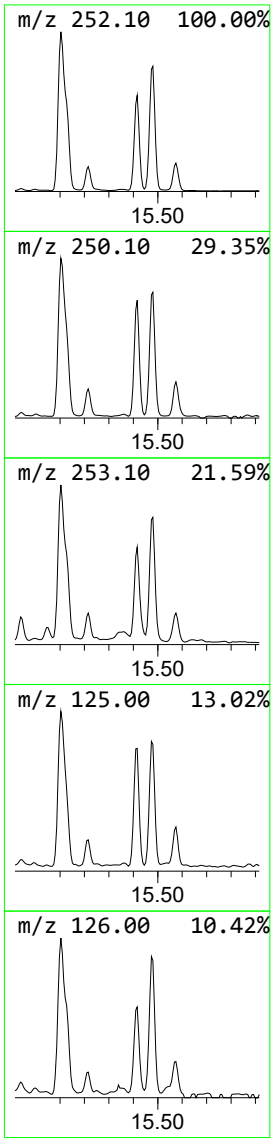
Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	10.97 ng	156162	Perylene-d12	15.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070225\
Data File : BF142977.D
Acq On : 02 Jul 2025 18:20
Operator : RC/JU
Sample : Q2458-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-66

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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-...	5.075	5.3	ng	83031	1	6.869	312367	20.0
Benzophenone	10.622	4.8	ng	106949	3	9.910	441580	20.0
Anthracene, 1-m...	11.904	2.0	ng	44491	4	11.404	433820	20.0
Anthracene, 2-m...	11.928	4.2	ng	91372	4	11.404	433820	20.0
4H-Cyclopenta[d...	12.016	3.6	ng	77715	4	11.404	433820	20.0
Phenanthrene, 2...	12.457	4.6	ng	99933	4	11.404	433820	20.0
Phenanthrene, 3...	12.486	2.7	ng	59203	4	11.404	433820	20.0
unknown12.545	12.545	2.6	ng	55916	4	11.404	433820	20.0
Pyrene, 1-methyl-	13.069	3.2	ng	97332	5	14.051	614556	20.0
Fluoranthene, 2...	13.175	4.4	ng	134247	5	14.051	614556	20.0
11H-Benzo[b]flu...	13.245	2.2	ng	67284	5	14.051	614556	20.0
Pyrene, 2-methyl-	13.280	3.0	ng	91035	5	14.051	614556	20.0
Pyrene, 4-methyl-	13.374	2.2	ng	66712	5	14.051	614556	20.0
11H-Benzo[a]flu...	13.686	2.2	ng	67572	5	14.051	614556	20.0
Benzo[b]naphtho...	13.798	2.5	ng	75945	5	14.051	614556	20.0
6H-Benz[de]anth...	13.892	2.9	ng	90043	5	14.051	614556	20.0
Benz[a]anthrace...	14.433	3.4	ng	104398	5	14.051	614556	20.0
Perylene	15.216	2.0	ng	28717	6	15.539	284819	20.0
Benzo[e]pyrene	15.416	11.0	ng	156162	6	15.539	284819	20.0