LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L3-WC-5

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142432.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.993	294	306	312	rBV2	13478	28406	1.07%	0.101%
2	5.116	491	497	504	rVB	184801	282431	10.67%	1.001%
3	5.516	558	565	570	rBV	1679254	2289369	86.52%	8.113%
4	6.522	729	736	741	rBV	1670062	2332031	88.13%	8.264%
5	6.734	767	772	776	rBV2	22997	33378	1.26%	0.118%
6	6.898	795	800	807	rVB	665600	835212	31.57%	2.960%
7	7.457	885	895	900	rBV	1148194	1527335	57.72%	5.412%
8	7.710	934	938	945	rVB	30850	41513	1.57%	0.147%
9	8.181	1011	1018	1025	rBV	852212	1119069	42.29%	3.966%
10	8.892	1135	1139	1144	rVB	30002	34879	1.32%	0.124%
11	8.992	1152	1156	1164	rVB	37639	48092	1.82%	0.170%
12	9.257	1195	1201	1206	rBV	2151502	2645985	100.00%	9.376%
13	9.333	1210	1214	1222	rVB2	30588	48786	1.84%	0.173%
14	9.522	1240	1246	1250	rBV	28747	45563	1.72%	0.161%
15	9.592	1250	1258	1261	rVV	71612	127200	4.81%	0.451%
16	9.622	1261	1263	1266	rVV	34751	38869	1.47%	0.138%
17	9.657	1266	1269	1274	rVV3	29947	42458	1.60%	0.150%
18	9.710	1274	1278	1284	rVV	32743	51202	1.94%	0.181%
19	9.798	1288	1293	1297	rBV	46423	60648	2.29%	0.215%
20	9.863	1299	1304	1310	rVB	23378	31116	1.18%	0.110%
21	9.939	1310	1317	1321	rBV	883593	1179808	44.59%	4.181%
22	9.969	1321	1322	1326	rVV2	45480	36449	1.38%	0.129%
23	10.045	1330	1335	1338	rBV2	19097	30462	1.15%	0.108%
24	10.139	1346	1351	1354	rBV	45555	59082	2.23%	0.209%
25	10.175	1354	1357	1366	rVB	39941	60676	2.29%	0.215%
26	10.251	1366	1370	1373	rBV2	42660	59616	2.25%	0.211%
27	10.280	1373	1375	1381	rVB	28088	30464	1.15%	0.108%
28	10.345	1381	1386	1387	rBV3	42794	59246	2.24%	0.210%
29	10.480	1404	1409	1415	rVB4	53020	84258	3.18%	0.299%
30	10.545	1415	1420	1422	rBV3	18602	30484	1.15%	0.108%
31	10.651	1433	1438	1443	rVB	405871	534525	20.20%	1.894%
32	10.722	1445	1450	1455	rBV	1060336	1344473	50.81%	4.764%
33	10.845	1465	1471	1477	rVB3	81304	156427	5.91%	0.554%
34	10.922	1478	1484	1487	rBV2	17147	29374	1.11%	0.104%
35	10.957	1487	1490	1494	rVB4	22444	27664	1.05%	0.098%
36	11.027	1497	1502	1505	rBV3	30784	55095	2.08%	0.195%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

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-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.163	1520	1525	1526	rBV2	39857	56966	2.15%	0.202%
38	11.227	1532	1536	1539	rVB2	29209	34714	1.31%	0.123%
39	11.286	1539	1546	1549	rVV4	46869	93858	3.55%	0.333%
40	11.322	1549	1552	1557	rVB2	41812	57727	2.18%	0.205%
41	11.422	1564	1569	1572	rBV	725127	1083309	40.94%	3.839%
42	11.498	1578	1582	1585	rBV	86547	98810	3.73%	0.350%
43	11.657	1604	1609	1610	rBV2	23304	33921	1.28%	0.120%
44	11.716	1615	1619	1622	rVV2	46778	67088	2.54%	0.238%
45	11.751	1622	1625	1630	rVB	39295	52277	1.98%	0.185%
46	11.874	1643	1646	1649	rBV2	21132	28816	1.09%	0.102%
47	11.951	1650	1659	1664	rVV2	304166	626654	23.68%	2.221%
48	11.998	1664	1667	1670	rVV	75077	110424	4.17%	0.391%
49	12.039	1670	1674	1682	rVB2	186333	386849	14.62%	1.371%
50	12.121	1683	1688	1691	rBV2	44387	67801	2.56%	0.240%
51	12.221	1701	1705	1715	rVB3	77732	148896	5.63%	0.528%
52	12.368	1724	1730	1733	rBV2	43658	78477	2.97%	0.278%
53	12.474	1744	1748	1751	rBV	95927	127417	4.82%	0.452%
54	12.510	1751	1754	1759	rVV2	76237	123930	4.68%	0.439%
55	12.557	1759	1762	1768	rVB2	62475	91514	3.46%	0.324%
56	12.639	1771	1776	1780	rBV	749262	969443	36.64%	3.435%
57	12.733	1789	1792	1795	rBV	39244	44497	1.68%	0.158%
58	12.868	1808	1815	1820	rBV	741356	1086848	41.08%	3.851%
59	12.916	1821	1823	1829	rVB2	46338	66628	2.52%	0.236%
60	13.010	1831	1839	1846	rVB	1369092	1811586	68.47%	6.420%
61	13.080	1846	1851	1859	rBV5	78844	169917	6.42%	0.602%
62	13.192	1863	1870	1874	rVB2	101270	208532	7.88%	0.739%
63	13.239	1874	1878	1880	rBV	36100	53956	2.04%	0.191%
64	13.298	1884	1888	1892	rBV2	89033	113821	4.30%	0.403%
65	13.392	1900	1904	1906	rBV	43475	50806	1.92%	0.180%
66	13.421	1906	1909	1916	rVB3	51841	85712	3.24%	0.304%
67	13.580	1933	1936	1945	rBV6	31733	65005	2.46%	0.230%
68	13.698	1952	1956	1961	rVB	85528	115631	4.37%	0.410%
69	13.810	1971	1975	1978	rBV2	61370	95276	3.60%	0.338%
70	13.845	1978	1981	1983	rVV	28718	34720	1.31%	0.123%
71	13.910	1988	1992	2001	rVB2	143531	223222	8.44%	0.791%
72	14.063	2011	2018	2021	rBV2	863797	1506258	56.93%	5.338%
73	14.451	2080	2084	2087	rBV	70758	85952	3.25%	0.305%
74	14.486	2087	2090	2093	rVB	38127	46203	1.75%	0.164%
75	14.533	2094	2098	2102	rBV3	49054	88252	3.34%	0.313%
76	14.927	2161	2165	2173	rBV4	49414	92456	3.49%	0.328%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
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Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.115	2192	2197	2207	rBV	280192	641274	24.24%	2.272%
78	15.227	2213	2216	2221	rVB	45173	60913	2.30%	0.216%
79	15.427	2245	2250	2255	rVB	150618	231396	8.75%	0.820%
80	15.486	2255	2260	2266	rVV	213940	331530	12.53%	1.175%
81	15.557	2266	2272	2288	rVB2	393862	753587	28.48%	2.670%
82	17.051	2520	2526	2536	rVB2	84324	196710	7.43%	0.697%
83	17.503	2596	2603	2620	rVB	74269	178693	6.75%	0.633%

Sum of corrected areas: 28219917

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
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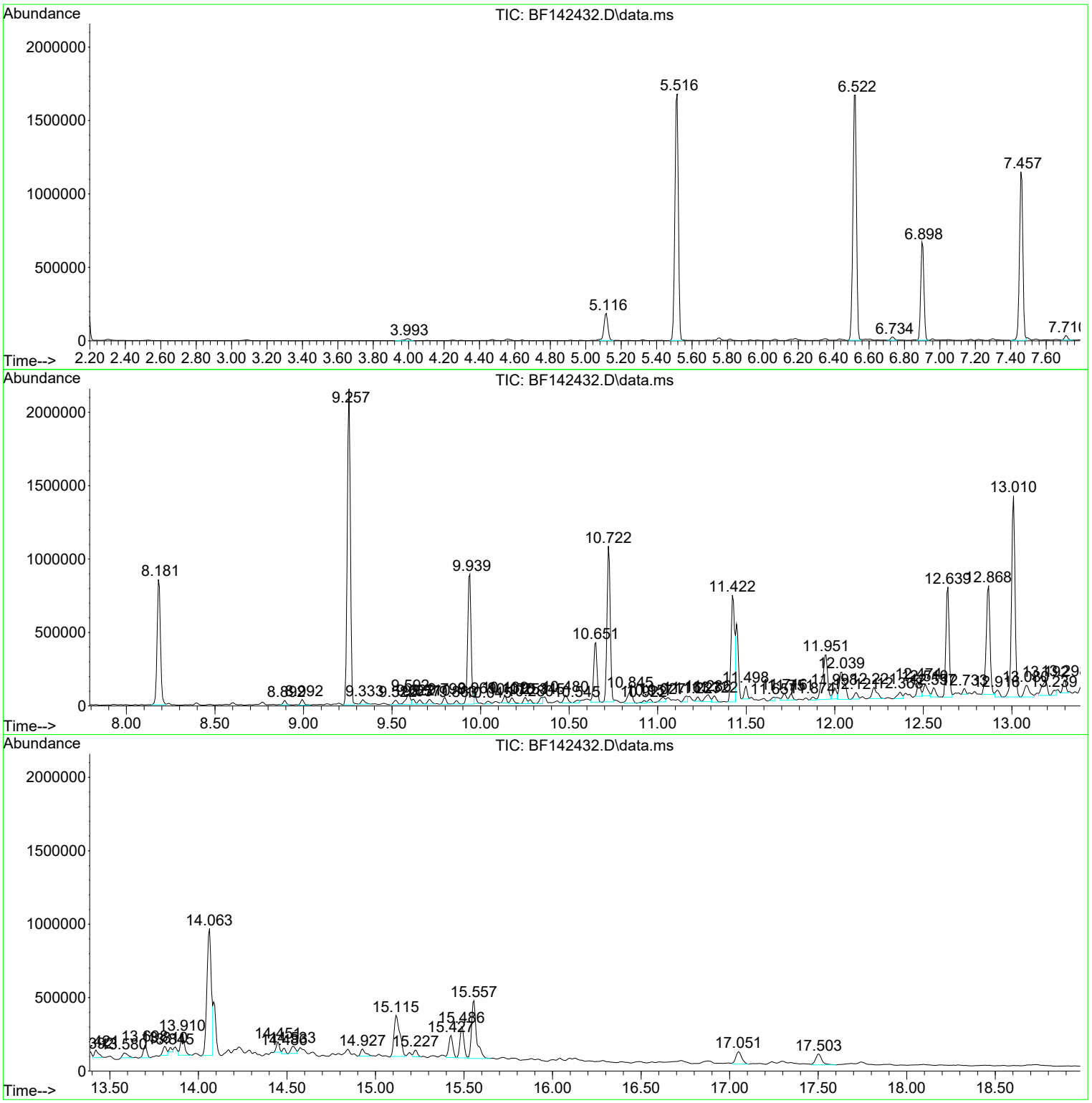
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
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Instrument :
BNA_F
ClientSampleId :
L3-WC-5

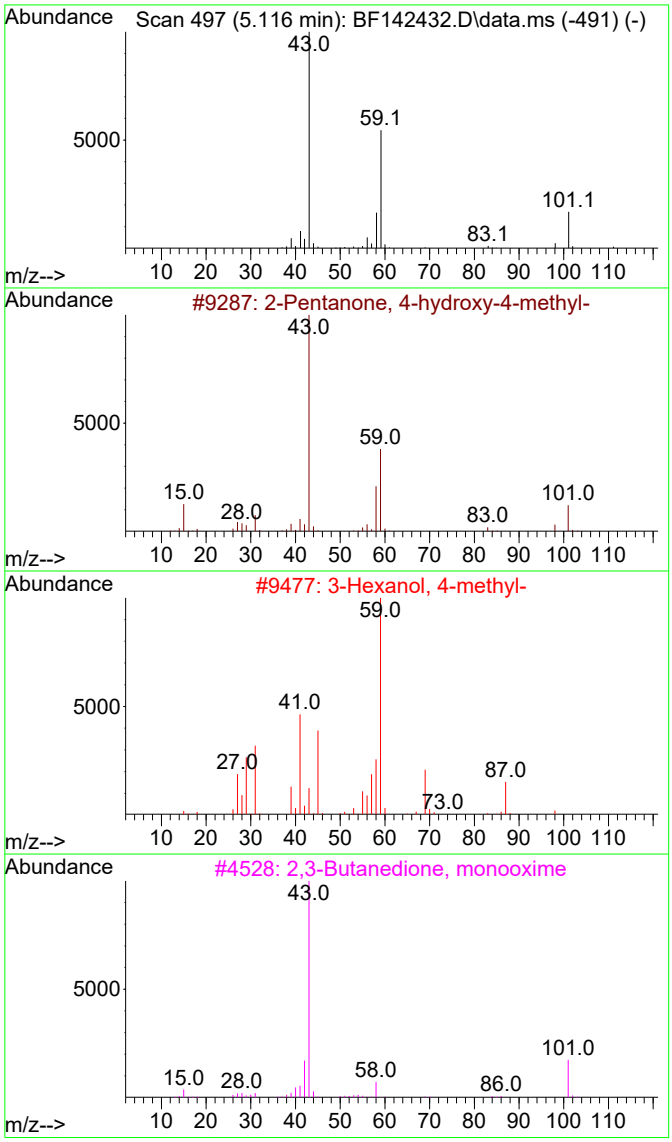
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

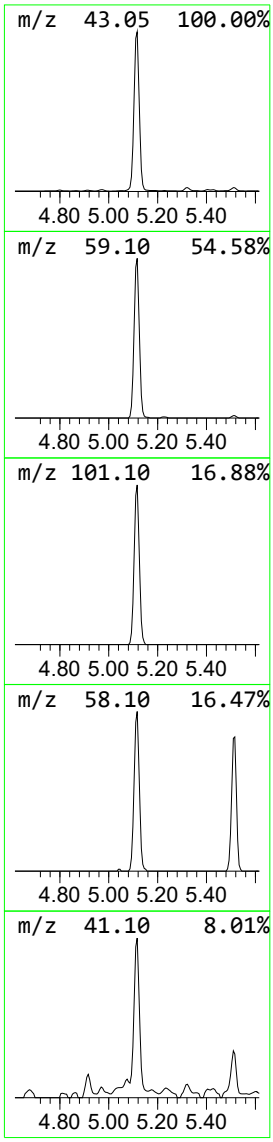
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	6.76 ng	282431	1,4-Dichlorobenzene-d4	6.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
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Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

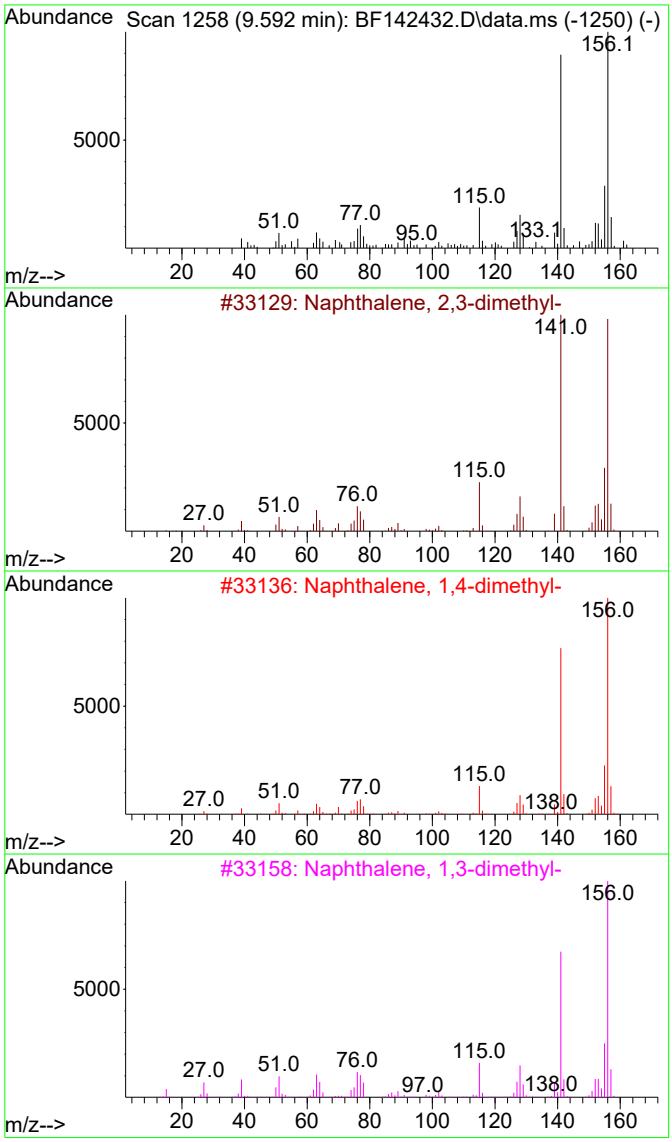
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

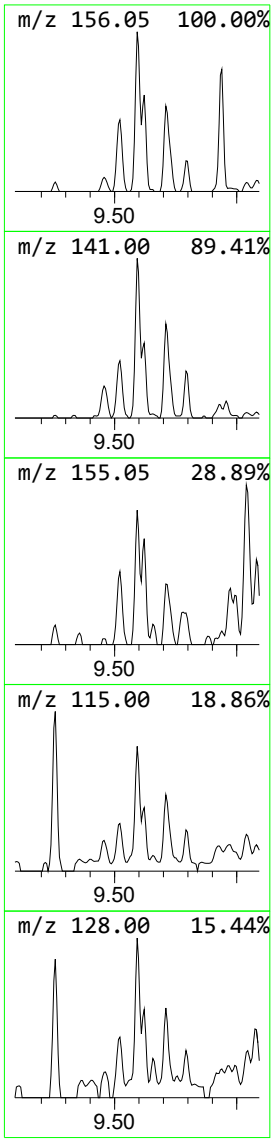
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	2.16 ng	127200	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

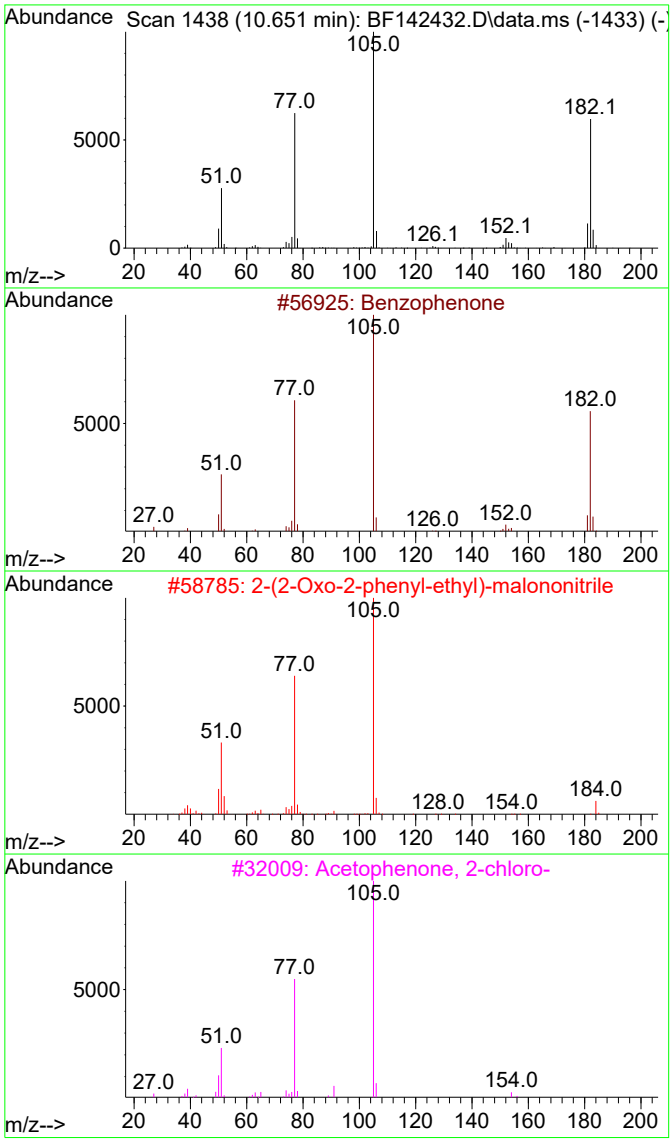
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

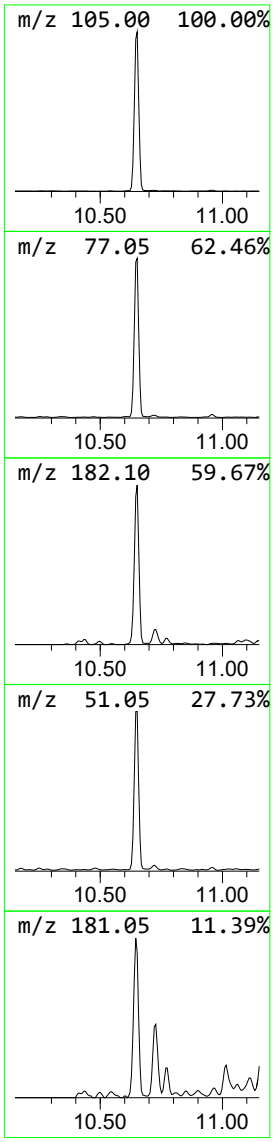
****

Peak Number 3 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	9.06 ng	534525	Acenaphthene-d10	9.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	49
5	5-Oxo-5-phenylpentanenitrile	173	C11H11NO	1000486-83-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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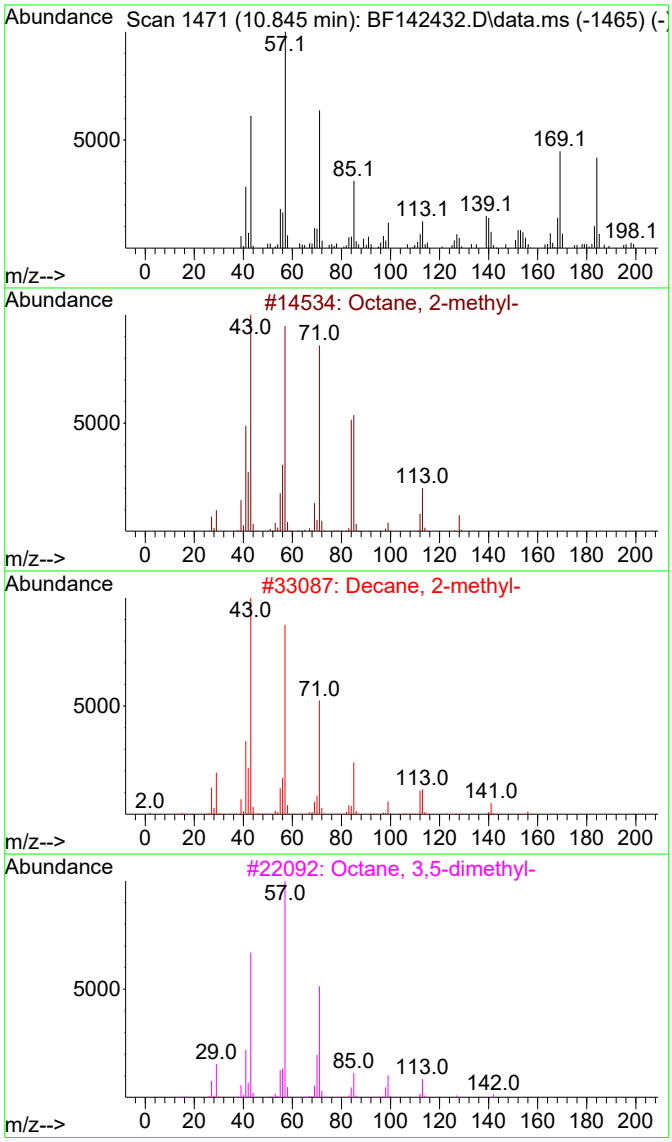
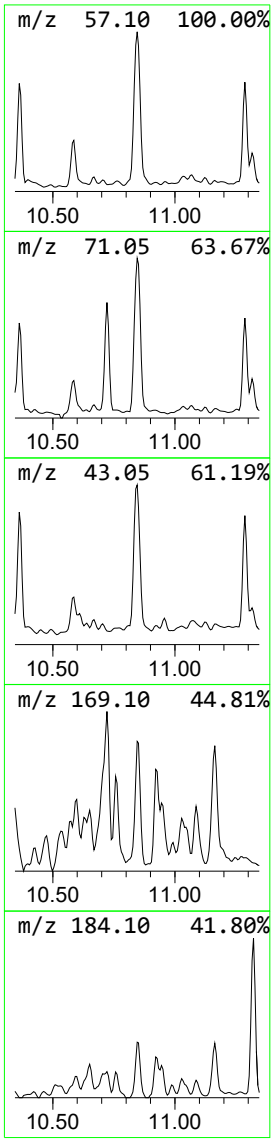
Peak Number 4 unknown10.845 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	2.89 ng	156427	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	38
2	Decane, 2-methyl-	156	C11H24	006975-98-0	38
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	35
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	30
5	Dodecane	170	C12H26	000112-40-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

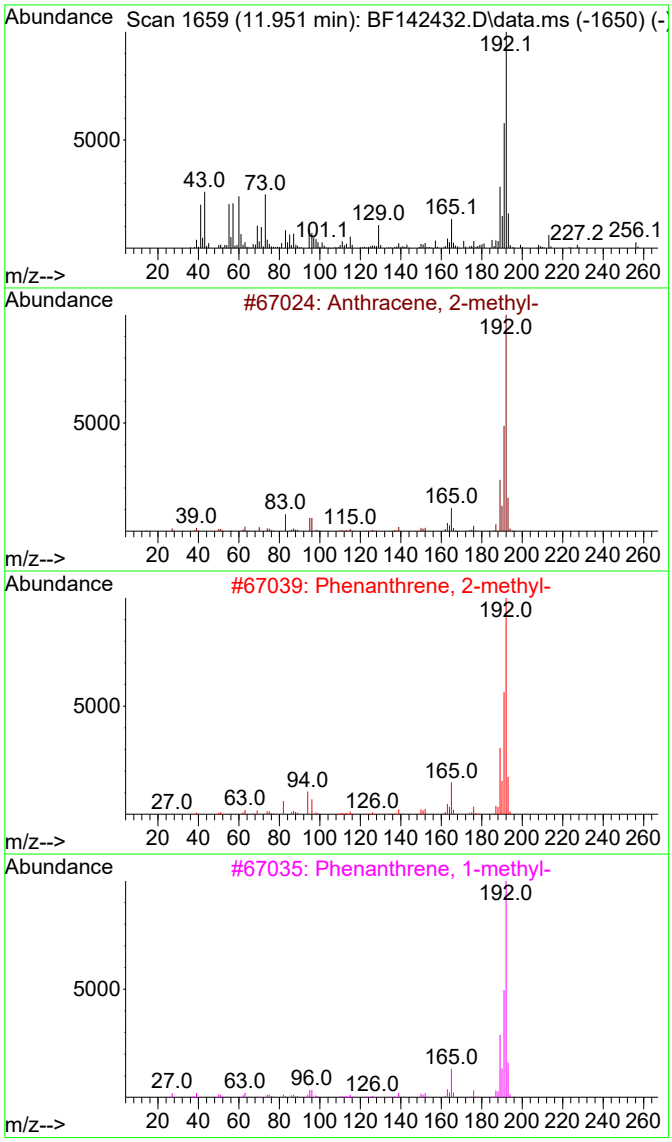
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

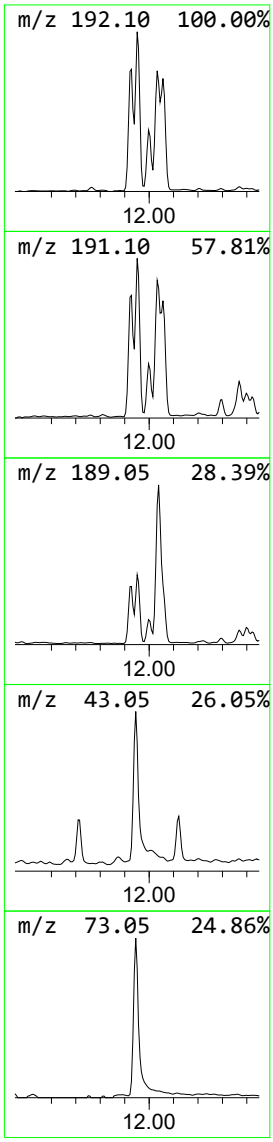
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	11.57 ng	626654	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

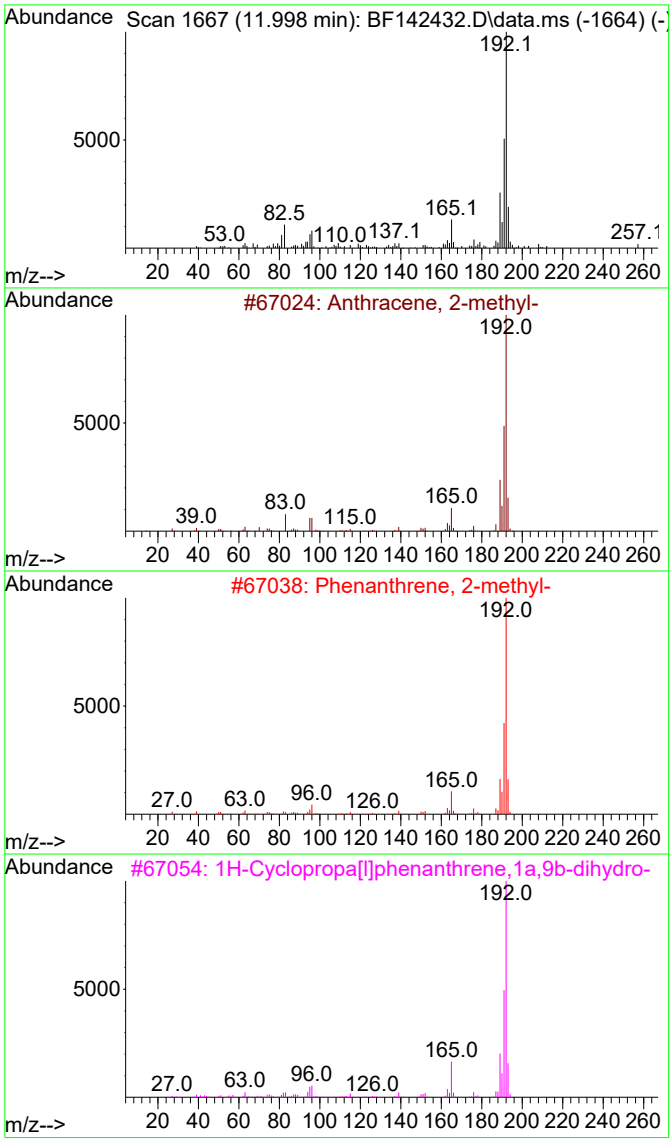
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

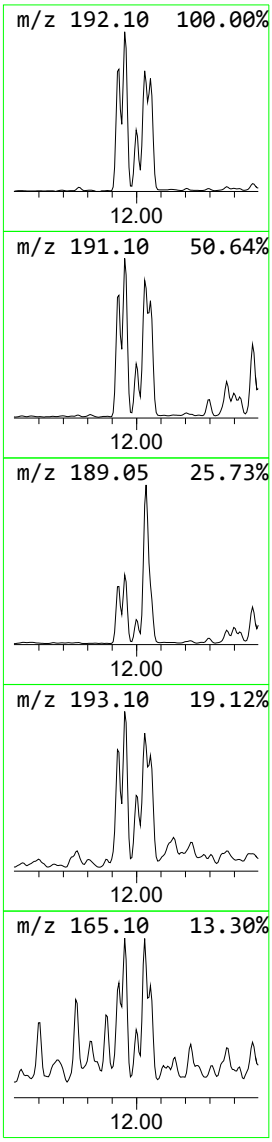
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	2.04 ng	110424	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

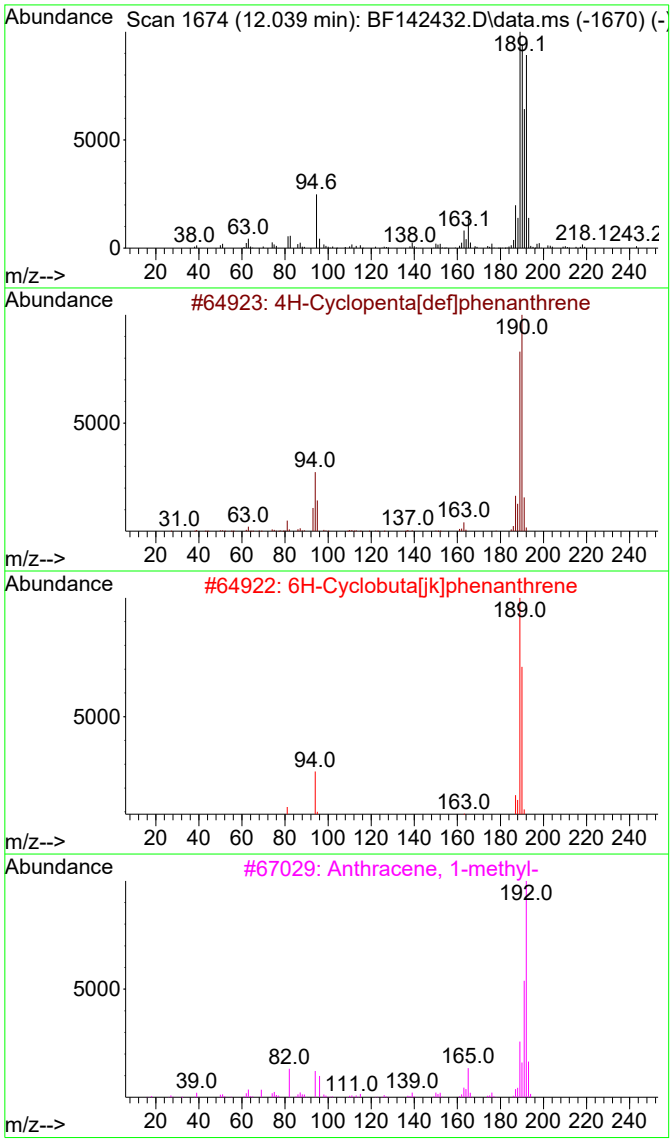
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

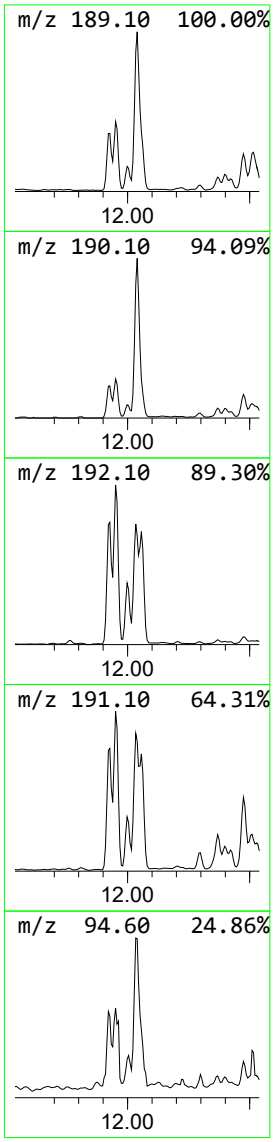
****

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	7.14 ng	386849	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





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Acq On : 16 May 2025 17:43
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Sample : Q2034-17
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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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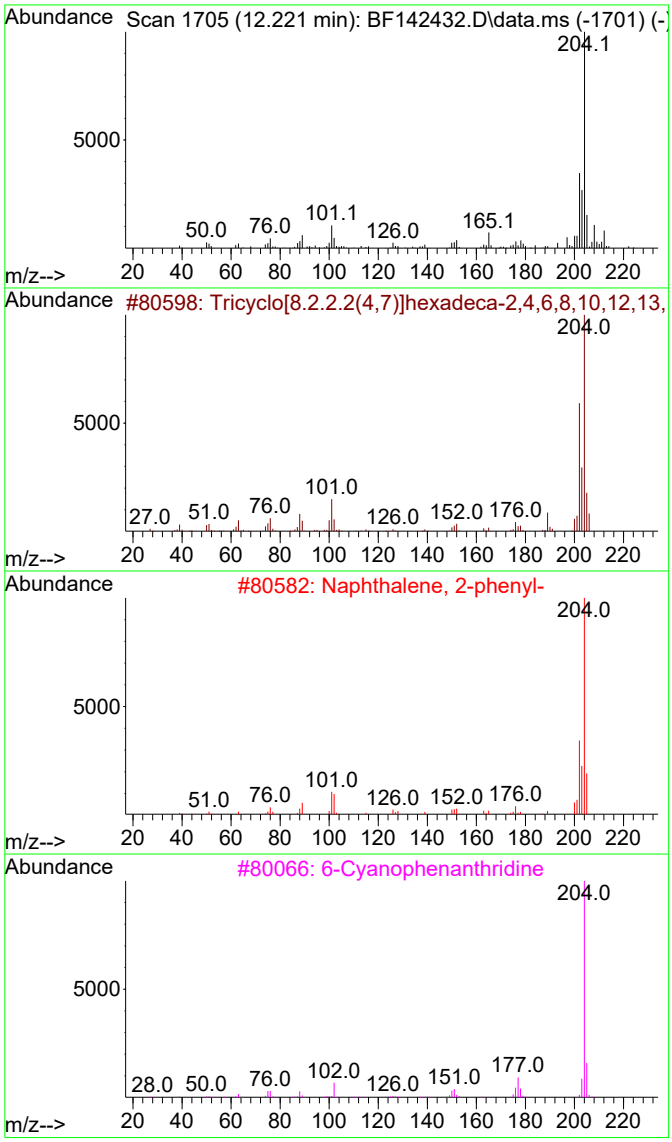
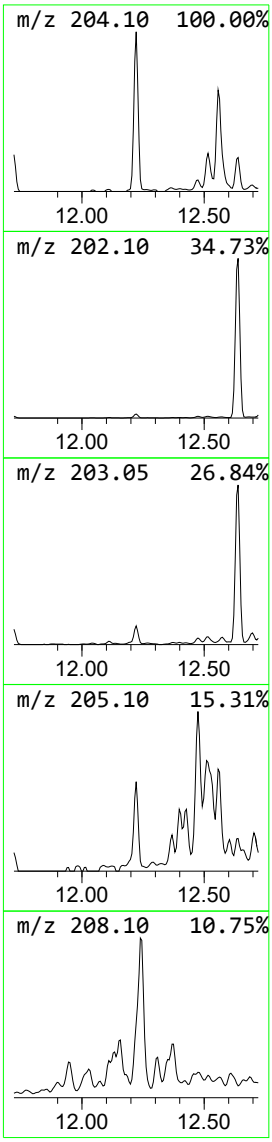
Peak Number 8 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	2.75 ng	148896	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	53
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





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Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

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

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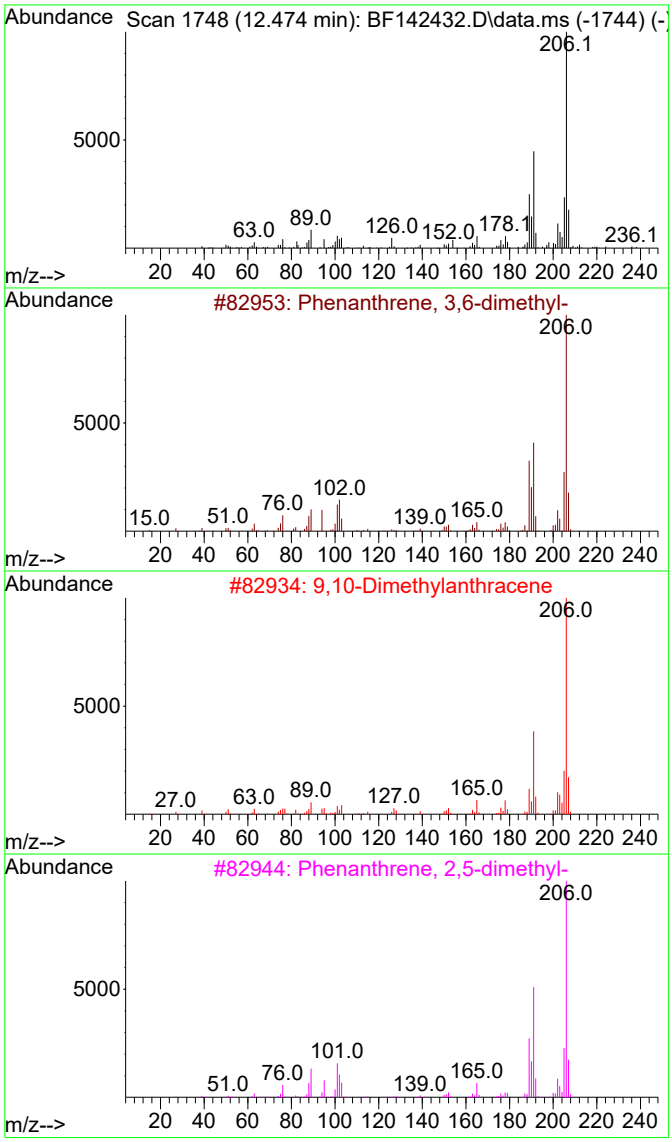
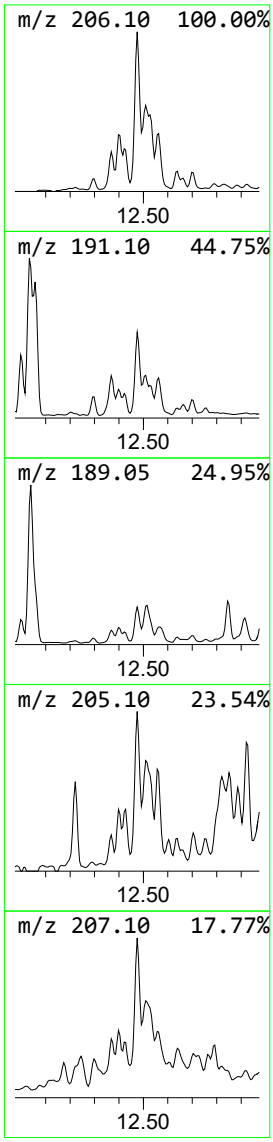
Peak Number 9 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	2.35 ng	127417	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76





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Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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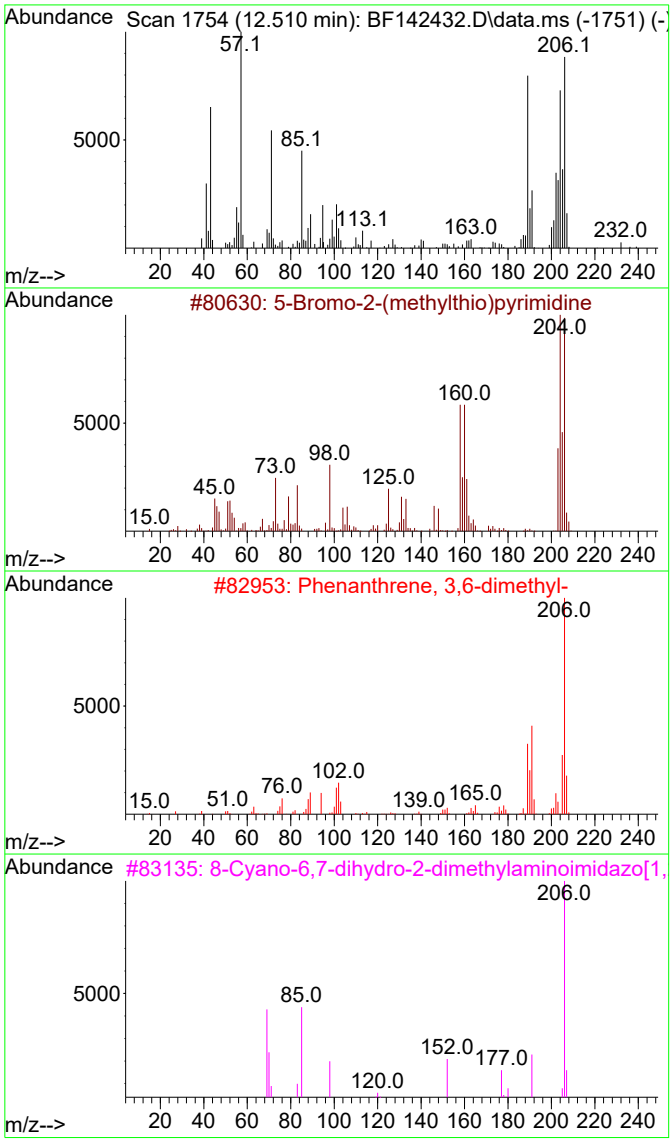
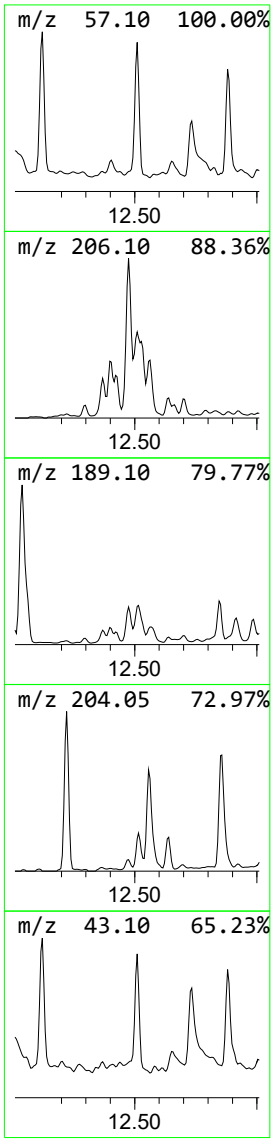
Peak Number 10 unknown12.510 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.29 ng	123930	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	35
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30
3	8-Cyano-6,7-dihydro-2-dimethylam...	206	C8H10N6O	077455-10-8	27
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	27
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	25





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Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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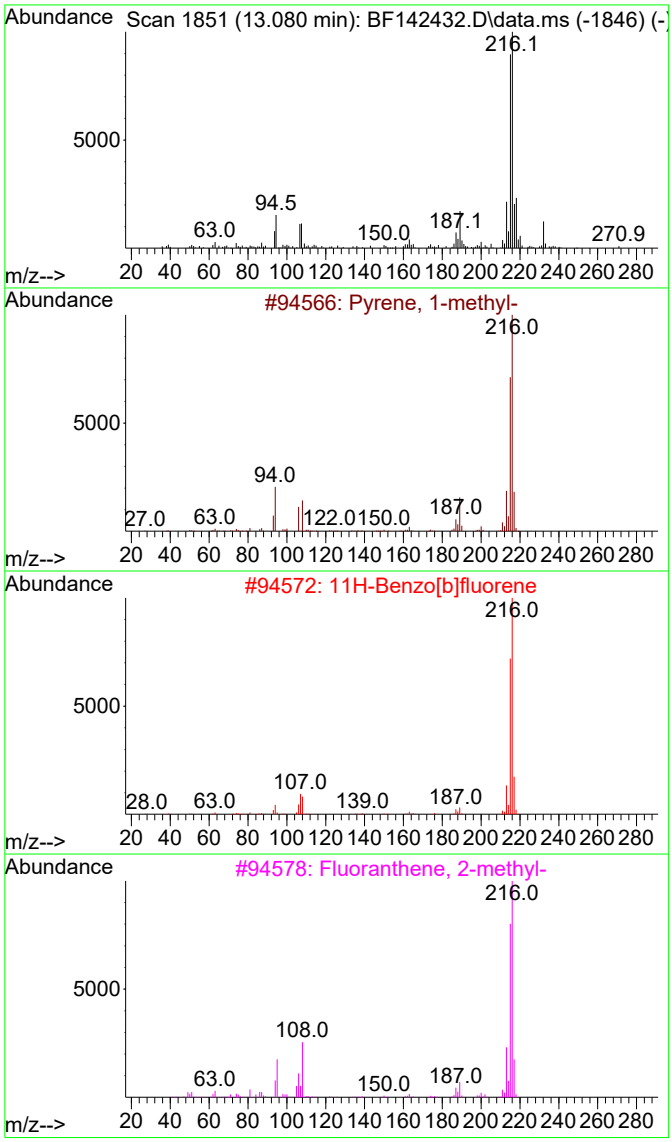
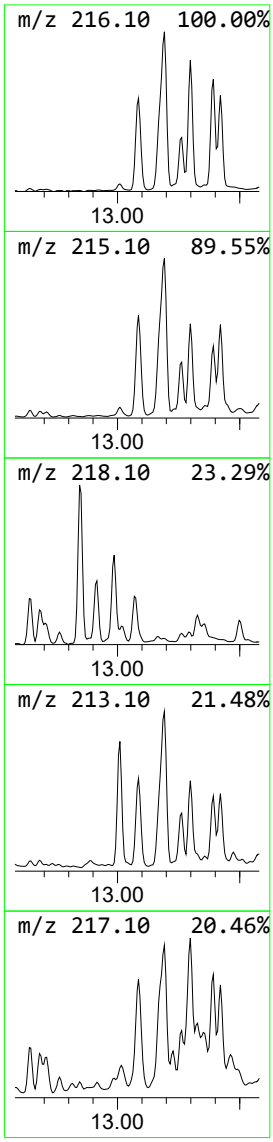
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	2.26 ng	169917	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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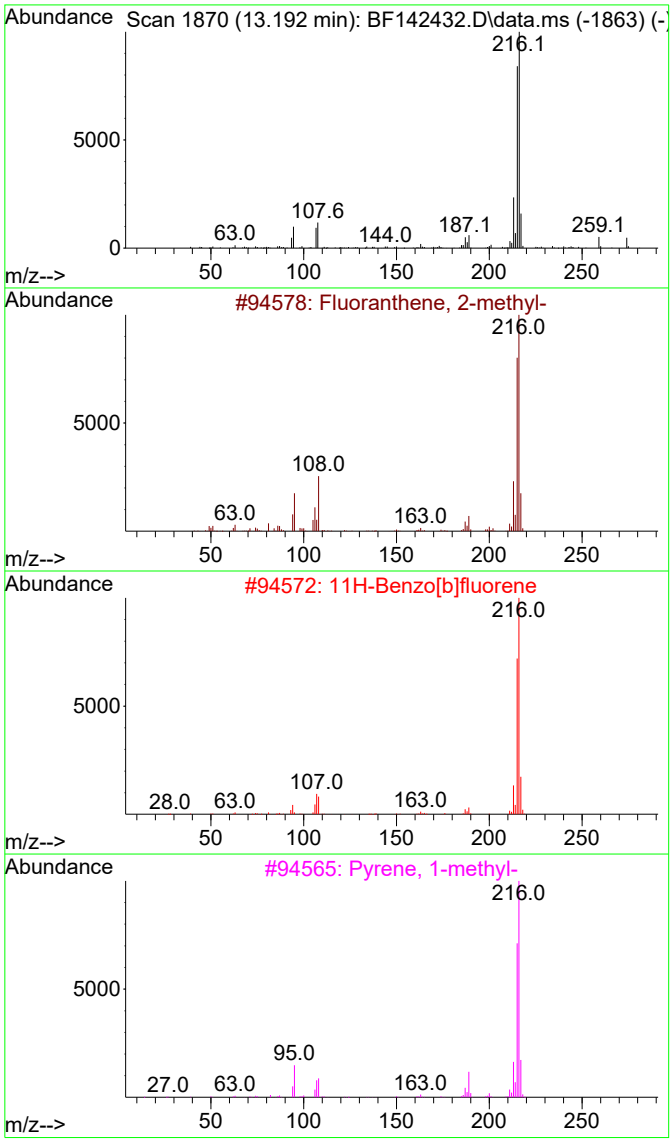
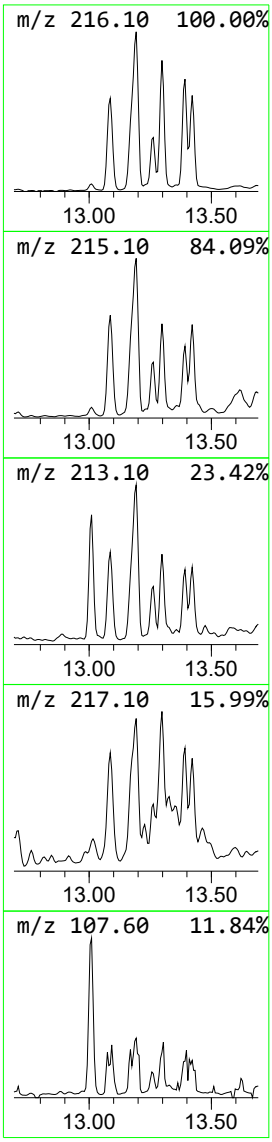
Peak Number 12 Fluoranthene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	2.77 ng	208532	Chrysene-d12	14.063

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	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	53





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Acq On : 16 May 2025 17:43
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Sample : Q2034-17
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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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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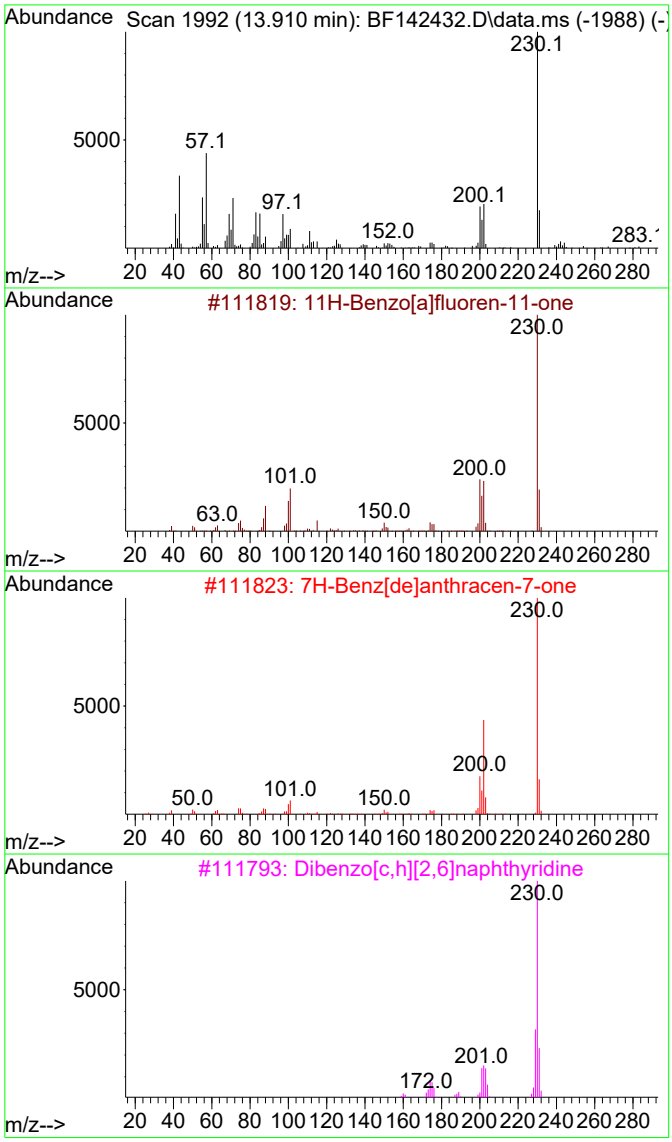
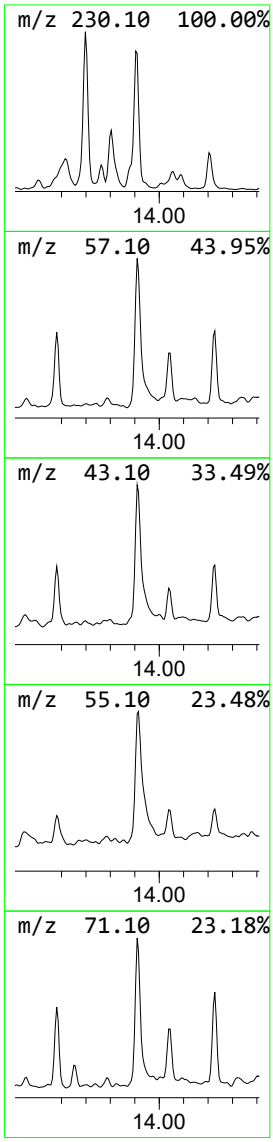
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	2.96 ng	223222	Chrysene-d12	14.063

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	58
3	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	50
4	benzonitrile, 2-(3-isoquinolinyl)-	230	C16H10N2	1000401-00-3	47
5	p-Terphenyl	230	C18H14	000092-94-4	43





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Acq On : 16 May 2025 17:43
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Sample : Q2034-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L3-WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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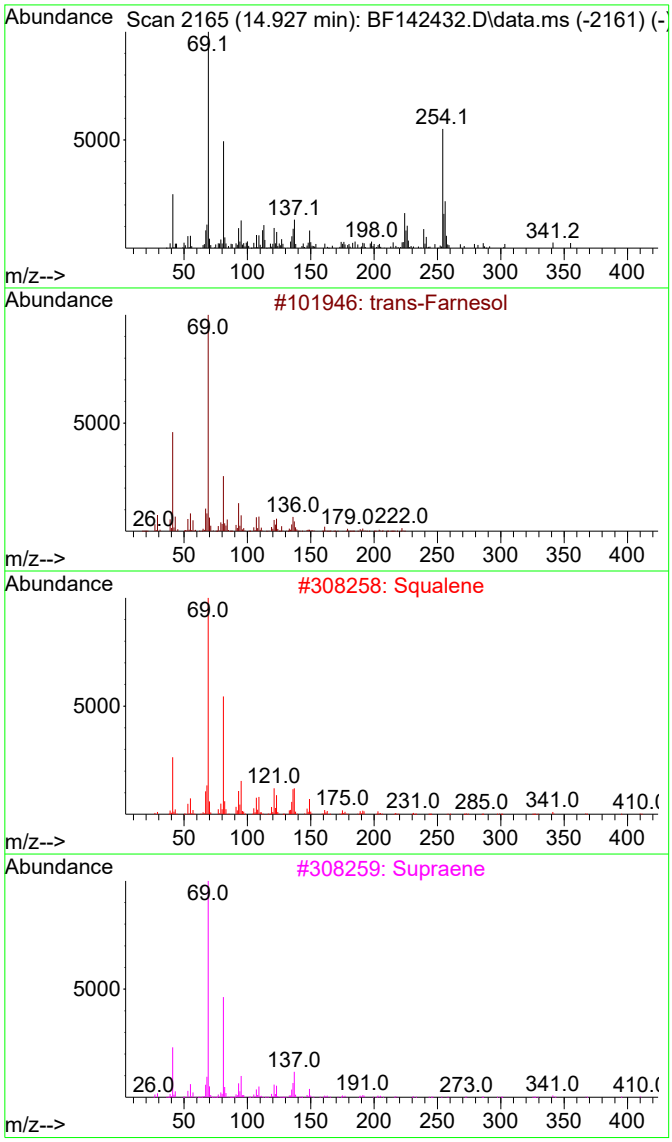
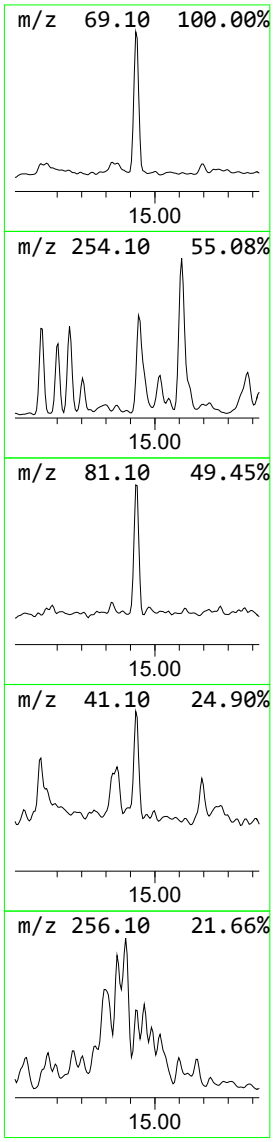
Peak Number 14 unknown14.927 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.927	2.45 ng	92456	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Farnesol	222	C15H26O	000106-28-5	46
2	Squalene	410	C30H50	000111-02-4	46
3	Supraene	410	C30H50	007683-64-9	46
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	38
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	38





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Misc :
ALS Vial : 18 Sample Multiplier: 1

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

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

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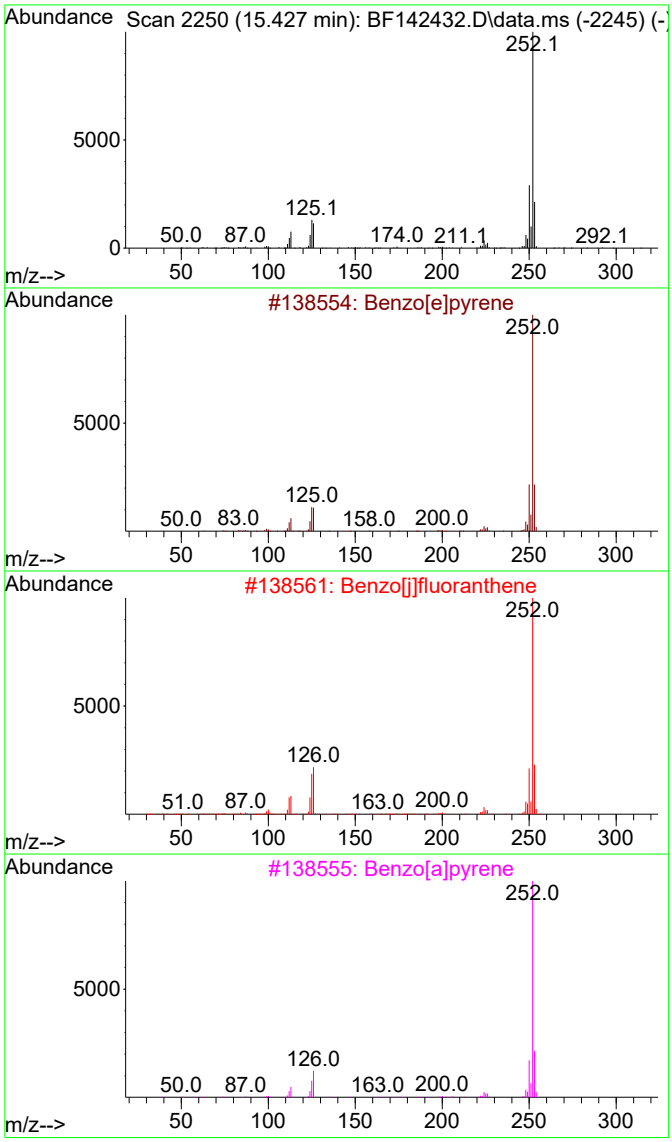
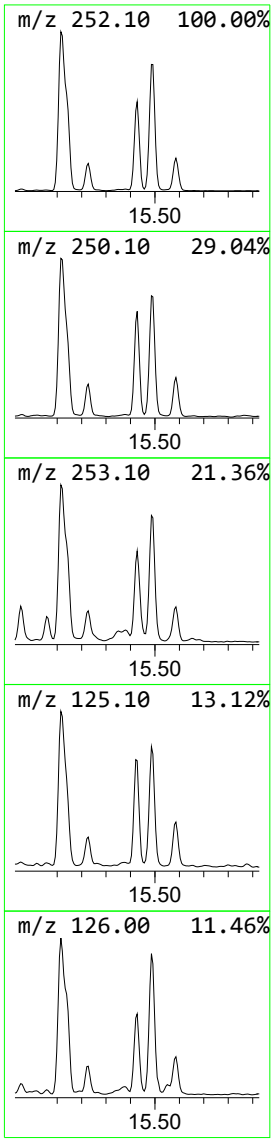
Peak Number 15 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	6.14 ng	231396	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
Data File : BF142432.D
Acq On : 16 May 2025 17:43
Operator : RC/JU
Sample : Q2034-17
Misc :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.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-...	5.116	6.8	ng	282431	1	6.898	835212	20.0
Naphthalene, 2,...	9.592	2.2	ng	127200	3	9.939	1179810	20.0
Benzophenone	10.651	9.1	ng	534525	3	9.939	1179810	20.0
unknown10.845	10.845	2.9	ng	156427	4	11.422	1083310	20.0
Anthracene, 2-m...	11.951	11.6	ng	626654	4	11.422	1083310	20.0
Phenanthrene, 2...	11.998	2.0	ng	110424	4	11.422	1083310	20.0
4H-Cyclopenta[d...	12.039	7.1	ng	386849	4	11.422	1083310	20.0
Tricyclo[8.2.2....	12.222	2.8	ng	148896	4	11.422	1083310	20.0
Phenanthrene, 3...	12.474	2.4	ng	127417	4	11.422	1083310	20.0
unknown12.510	12.510	2.3	ng	123930	4	11.422	1083310	20.0
Pyrene, 1-methyl-	13.080	2.3	ng	169917	5	14.063	1506260	20.0
Fluoranthene, 2...	13.192	2.8	ng	208532	5	14.063	1506260	20.0
11H-Benzo[a]flu...	13.910	3.0	ng	223222	5	14.063	1506260	20.0
unknown14.927	14.927	2.5	ng	92456	6	15.557	753587	20.0
Benzo[e]pyrene	15.427	6.1	ng	231396	6	15.557	753587	20.0