LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PL-02-051325

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: BF142411.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.116	488	497	508	rBV	330740	490238	15.43%	1.258%
2	5.516	558	565	570	rBV	1935923	2570391	80.88%	6.597%
3	6.522	729	736	741	rBV	1938080	2630900	82.78%	6.753%
4	6.904	795	801	806	rBV	731837	937974	29.51%	2.407%
5	7.463	887	896	900	rBV	1290255	1705014	53.65%	4.376%
6	7.710	934	938	945	rVB2	35457	50174	1.58%	0.129%
7	8.186	1005	1019	1025	rBV	948093	1342140	42.23%	3.445%
8	8.475	1063	1068	1074	rBV5	20559	34005	1.07%	0.087%
9	8.598	1086	1089	1095	rBV2	22613	33260	1.05%	0.085%
10	8.686	1100	1104	1107	rBV	27737	34978	1.10%	0.090%
11	8.769	1114	1118	1122	rBV	55356	69134	2.18%	0.177%
12	8.998	1153	1157	1163	rBV4	37938	60179	1.89%	0.154%
13	9.133	1176	1180	1184	rVB3	21233	33323	1.05%	0.086%
14	9.198	1185	1191	1195	rBV2	34653	59129	1.86%	0.152%
15	9.257	1196	1201	1206	rVV	2575505	3178169	100.00%	8.157%
16	9.333	1210	1214	1223	rBV2	75386	124802	3.93%	0.320%
17	9.592	1255	1258	1261	rVV2	36560	57979	1.82%	0.149%
18	9.657	1265	1269	1276	rVV5	53661	98067	3.09%	0.252%
19	9.798	1289	1293	1298	rBV	74363	104342	3.28%	0.268%
20	9.863	1300	1304	1309	rVB	52229	70896	2.23%	0.182%
21	9.939	1311	1317	1320	rVV	993988	1270412	39.97%	3.261%
22	9.969	1320	1322	1326	rVB	107239	112574	3.54%	0.289%
23	10.139	1347	1351	1355	rVV	60951	87560	2.76%	0.225%
24	10.180	1355	1358	1363	rVB4	24452	34553	1.09%	0.089%
25	10.251	1367	1370	1373	rBV3	25771	35348	1.11%	0.091%
26	10.363	1382	1389	1392	rBV2	53447	83649	2.63%	0.215%
27	10.480	1405	1409	1415	rVB	90355	126026	3.97%	0.323%
28	10.586	1423	1427	1432	rVB	30517	52248	1.64%	0.134%
29	10.651	1432	1438	1444	rVB	283564	390064	12.27%	1.001%
30	10.722	1445	1450	1462	rVV	1268029	1662552	52.31%	4.267%
31	10.845	1466	1471	1478	rVB2	88385	147848	4.65%	0.379%
32	10.957	1487	1490	1494	rVB	30162	35174	1.11%	0.090%
33	11.033	1499	1503	1505	rBV3	23366	32662	1.03%	0.084%
34	11.227	1533	1536	1540	rVB2	33138	39933	1.26%	0.102%
35	11.286	1540	1546	1548	rVV2	44180	76744	2.41%	0.197%
36	11.322	1548	1552	1557	rVB	68592	101925	3.21%	0.262%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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	11.422	1564	1569	1572	rBV	832214	1255527	39.50%	3.222%
38	11.445	1572	1573	1578	rVV	646037	609931	19.19%	1.565%
39	11.498	1578	1582	1586	rVV	159971	193436	6.09%	0.496%
40	11.651	1604	1608	1615	rBV	53061	97426	3.07%	0.250%
41	11.716	1615	1619	1623	rVV2	54645	84327	2.65%	0.216%
42	11.757	1623	1626	1630	rVB2	36339	46311	1.46%	0.119%
43	11.951	1650	1659	1664	rBV2	428598	772763	24.31%	1.983%
44	11.998	1664	1667	1670	rVV	63361	96647	3.04%	0.248%
45	12.039	1670	1674	1682	rVB	255445	474099	14.92%	1.217%
46	12.122	1685	1688	1691	rVB3	29551	37422	1.18%	0.096%
47	12.222	1701	1705	1707	rBV	90430	123925	3.90%	0.318%
48	12.404	1733	1736	1738	rBV	33700	39070	1.23%	0.100%
49	12.474	1744	1748	1751	rBV	143118	191243	6.02%	0.491%
50	12.510	1751	1754	1759	rVV2	97560	160404	5.05%	0.412%
51	12.563	1759	1763	1771	rVV2	103165	155835	4.90%	0.400%
52	12.639	1771	1776	1781	rVV	1579543	1985192	62.46%	5.095%
53	12.686	1781	1784	1789	rVV3	37707	84327	2.65%	0.216%
54	12.733	1789	1792	1795	rVV2	102488	139706	4.40%	0.359%
55	12.792	1799	1802	1808	rVV3	72222	124505	3.92%	0.320%
56	12.869	1808	1815	1820	rVV	1487985	2211062	69.57%	5.675%
57	12.916	1820	1823	1828	rVB2	84753	129516	4.08%	0.332%
58	13.010	1831	1839	1846	rVB	2008999	2701250	84.99%	6.933%
59	13.086	1847	1852	1859	rBV5	154490	307315	9.67%	0.789%
60	13.192	1863	1870	1874	rVB	203708	423897	13.34%	1.088%
61	13.263	1879	1882	1884	rBV2	70704	68983	2.17%	0.177%
62	13.298	1884	1888	1892	rBV2	171814	203790	6.41%	0.523%
63	13.392	1900	1904	1906	rBV	111635	124626	3.92%	0.320%
64	13.421	1906	1909	1913	rVB	99969	116277	3.66%	0.298%
65	13.698	1953	1956	1961	rVB	135931	181601	5.71%	0.466%
66	13.816	1971	1976	1978	rBV2	148208	238693	7.51%	0.613%
67	13.904	1988	1991	1999	rVB2	200372	293312	9.23%	0.753%
68	14.063	2012	2018	2021	rBV2	1146227	2048968	64.47%	5.259%
69	14.092	2021	2023	2029	rVB	676032	778746	24.50%	1.999%
70	14.174	2034	2037	2040	rVB	63670	73719	2.32%	0.189%
71	14.451	2080	2084	2087	rBV	126845	159674	5.02%	0.410%
72	15.121	2192	2198	2207	rBV	609884	1439858	45.30%	3.696%
73	15.227	2213	2216	2220	rVB	107628	139099	4.38%	0.357%
74	15.427	2246	2250	2256	rVB	324752	502100	15.80%	1.289%
75	15.492	2256	2261	2267	rVB	448661	665927	20.95%	1.709%
76	15.557	2267	2272	2276	rBV	374746	625479	19.68%	1.605%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
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Operator : RC/JU
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

77	17.056	2522	2527	2537	rVB2	211304	462067	14.54%	1.186%
78	17.509	2598	2604	2622	rVB	176166	419420	13.20%	1.076%

Sum of corrected areas: 38961841

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
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Misc :
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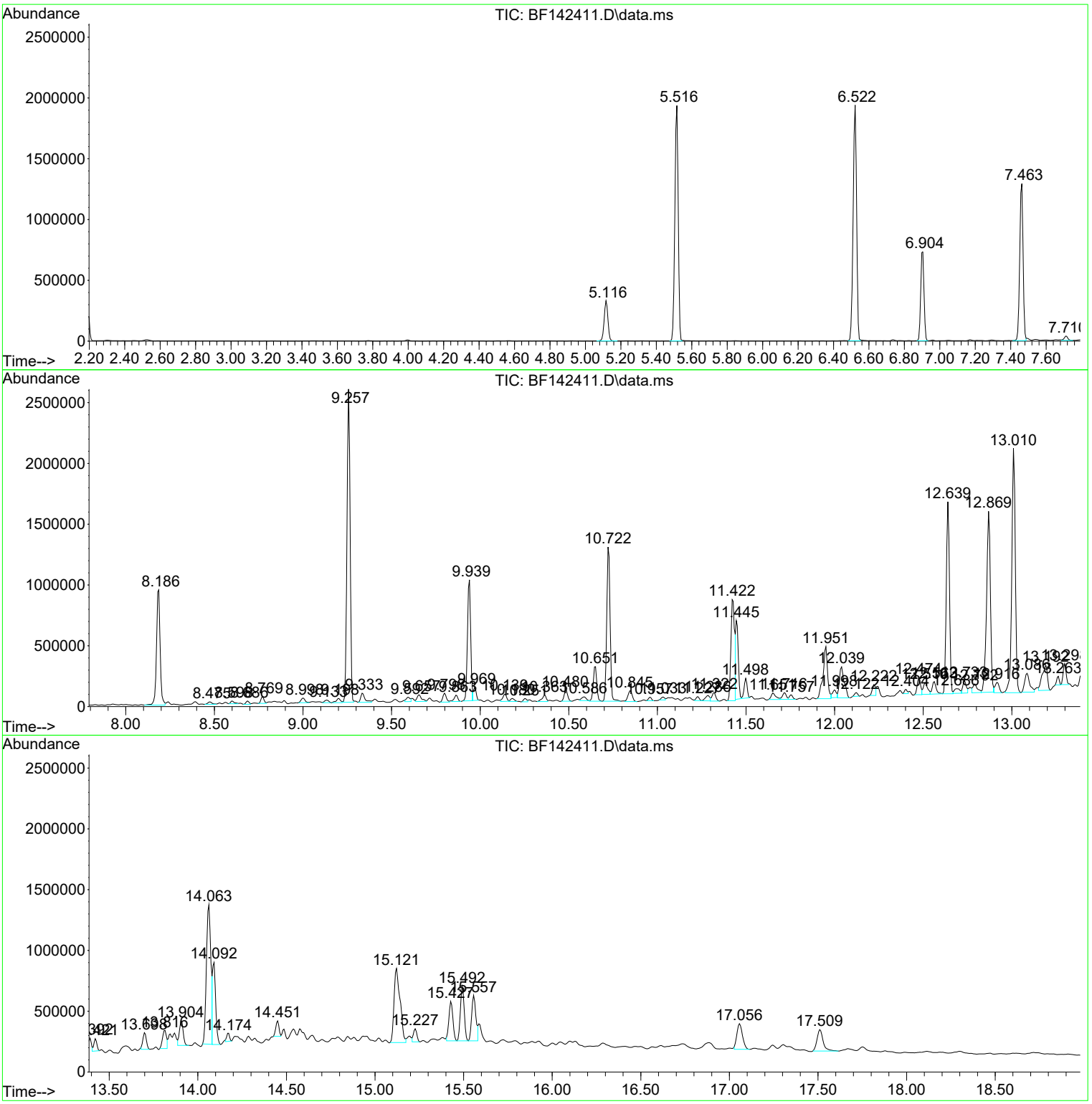
Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

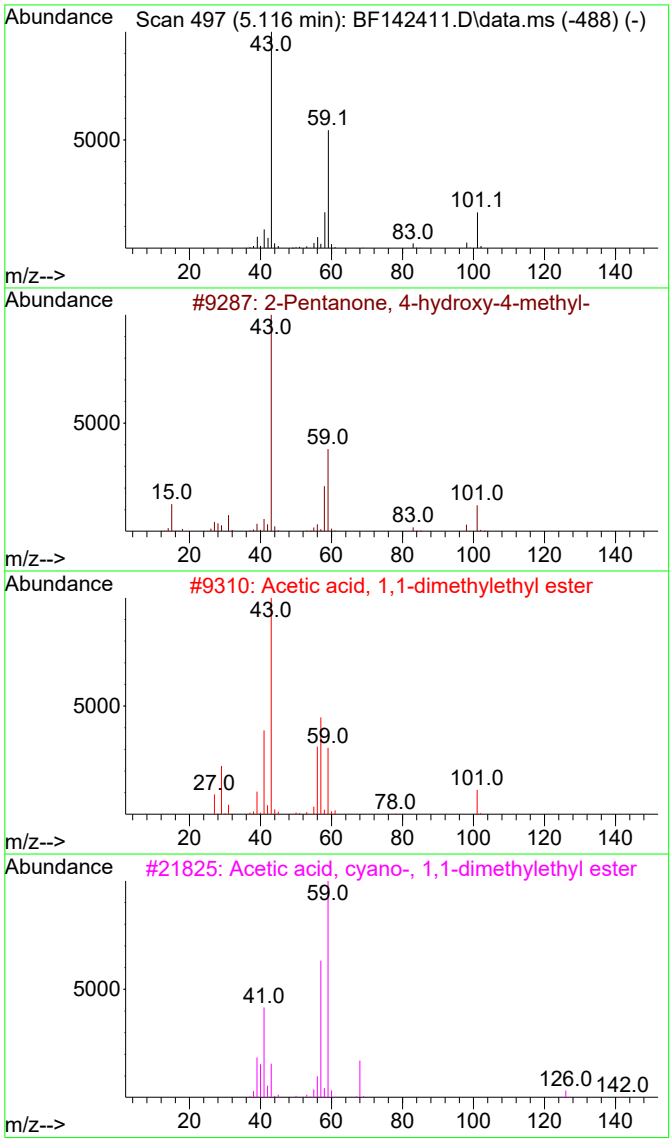
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

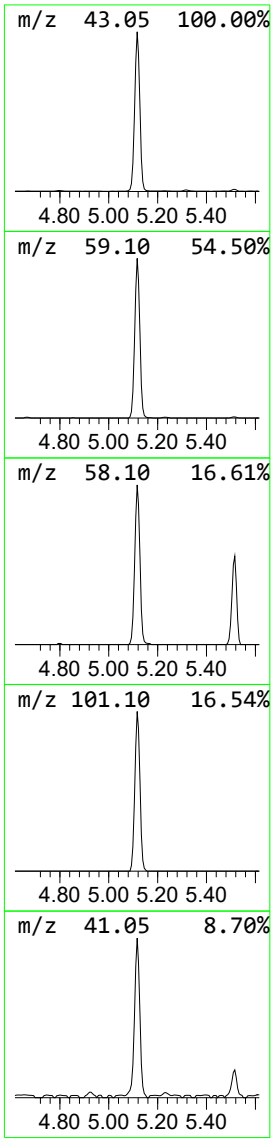
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.116	10.45 ng	490238	1,4-Dichlorobenzene-d4	6.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

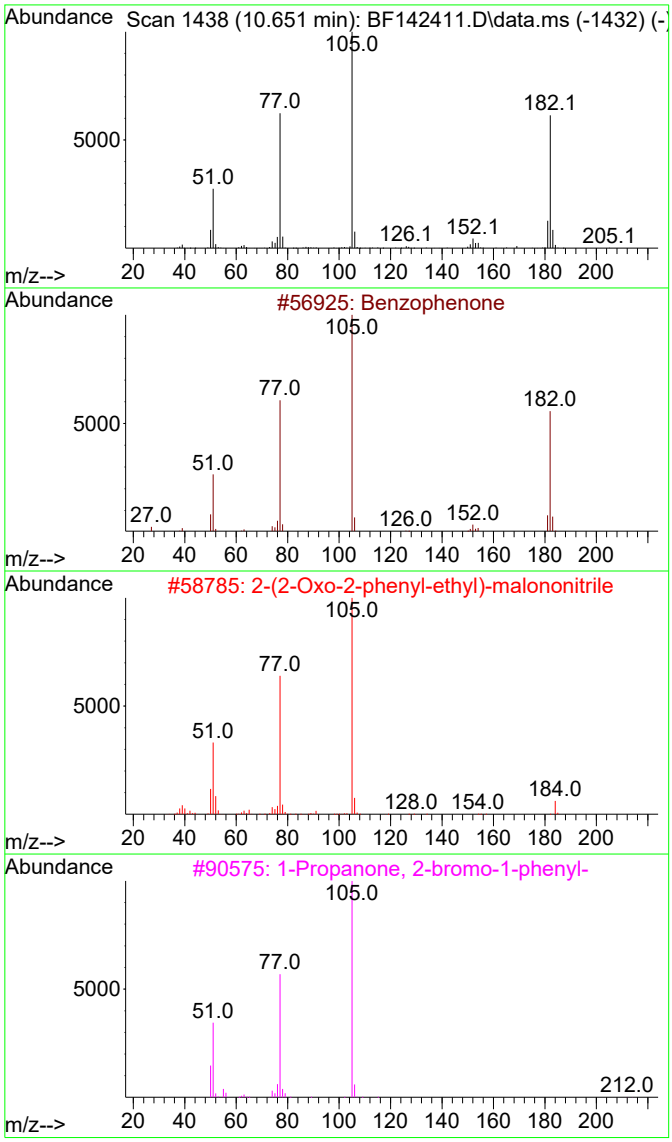
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

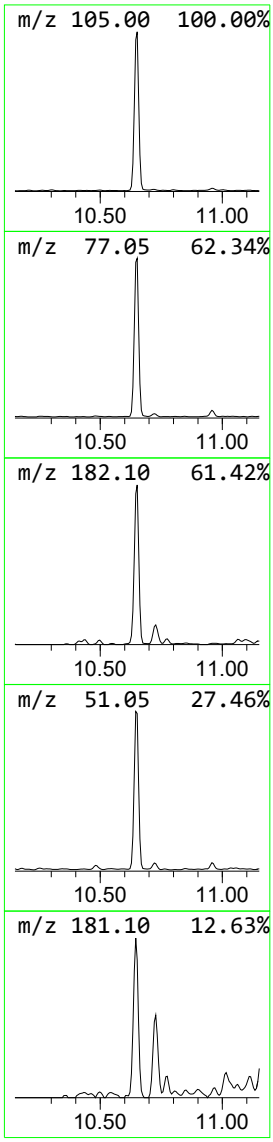
****

Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	6.14 ng	390064	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	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzilamide	227	C14H13NO2	004746-87-6	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

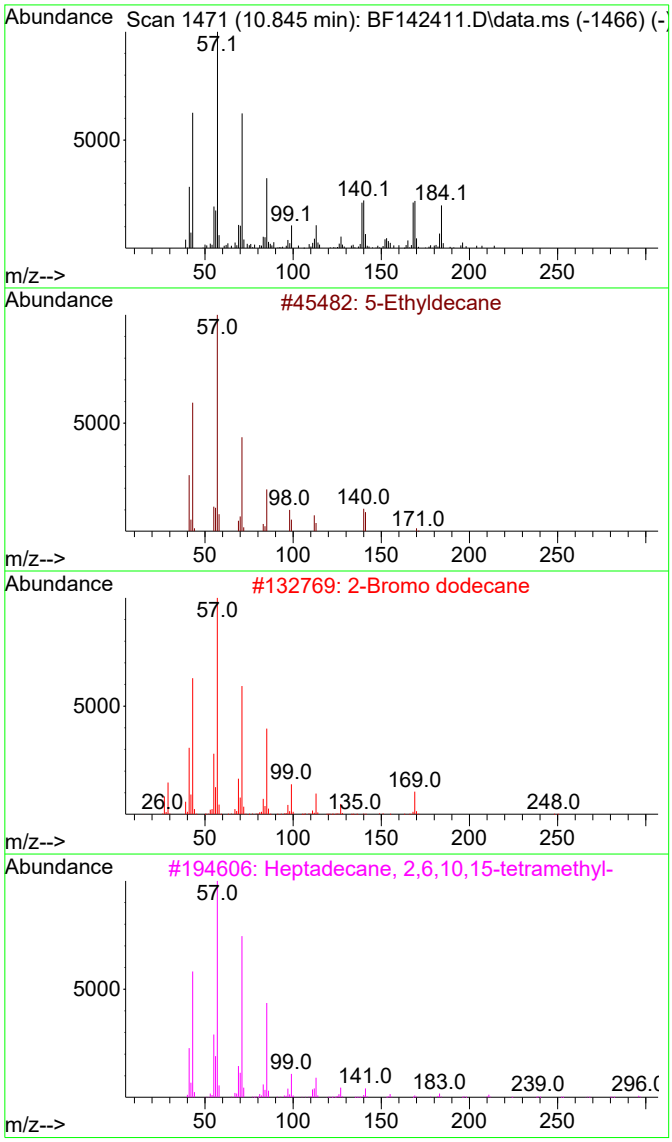
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

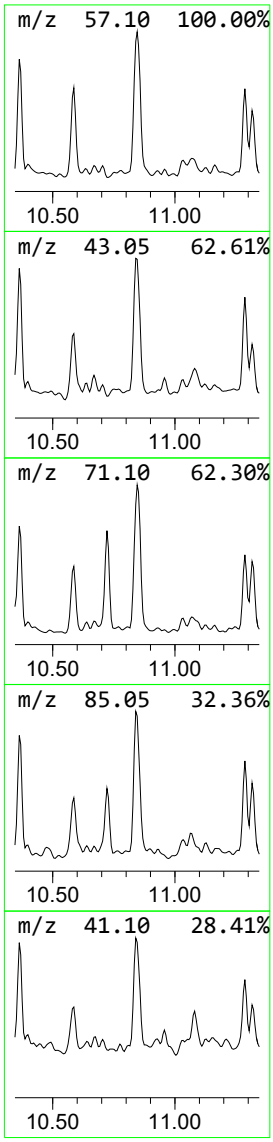
****

Peak Number 3 5-Ethyldecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	2.36 ng	147848	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	55
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	38
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	38
4	Dodecane	170	C12H26	000112-40-3	38
5	Heptacosane	380	C27H56	000593-49-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
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

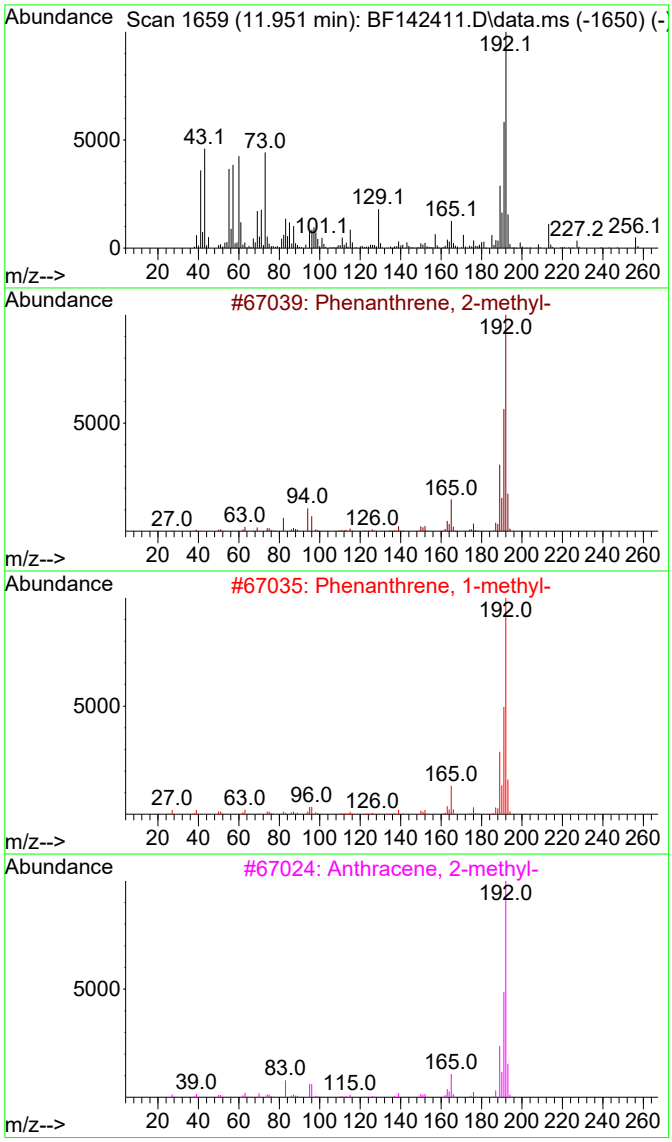
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

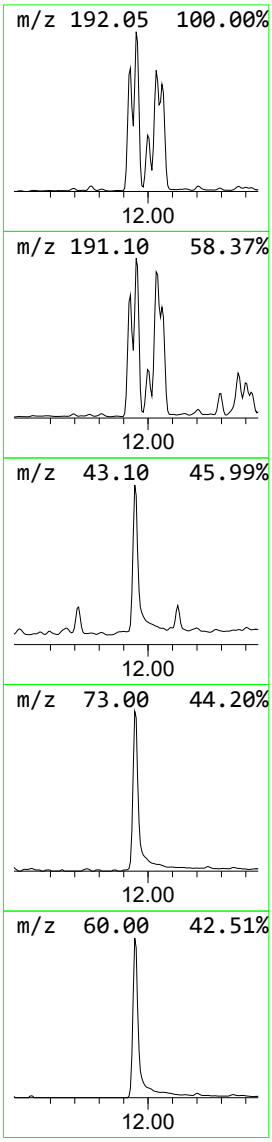
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	12.31 ng	772763	Phenanthrene-d10	11.422

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

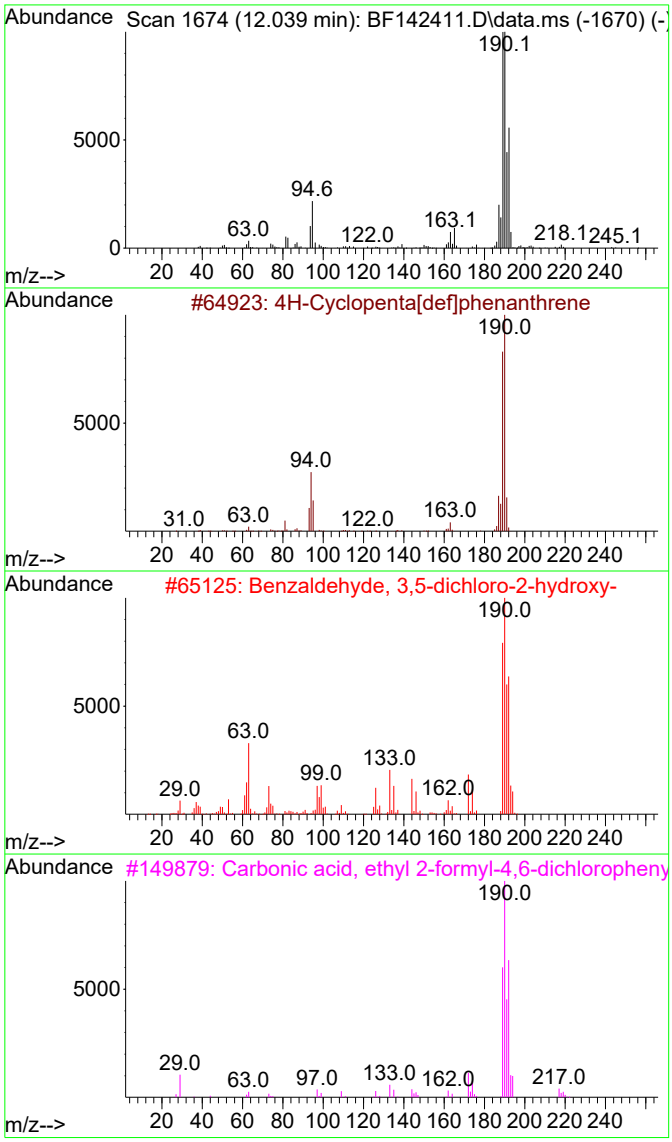
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

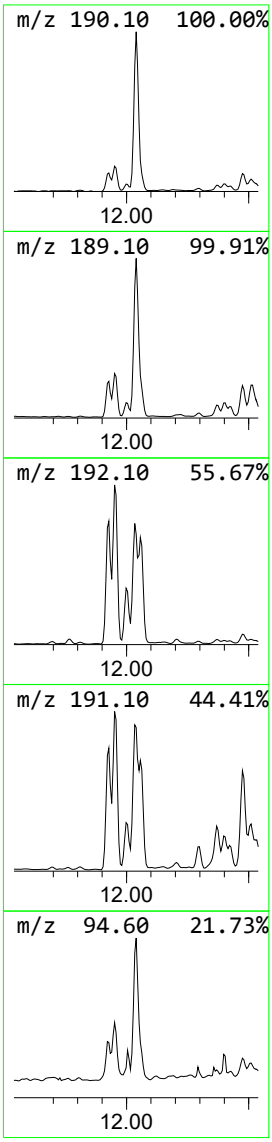
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	7.55 ng	474099	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	43
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

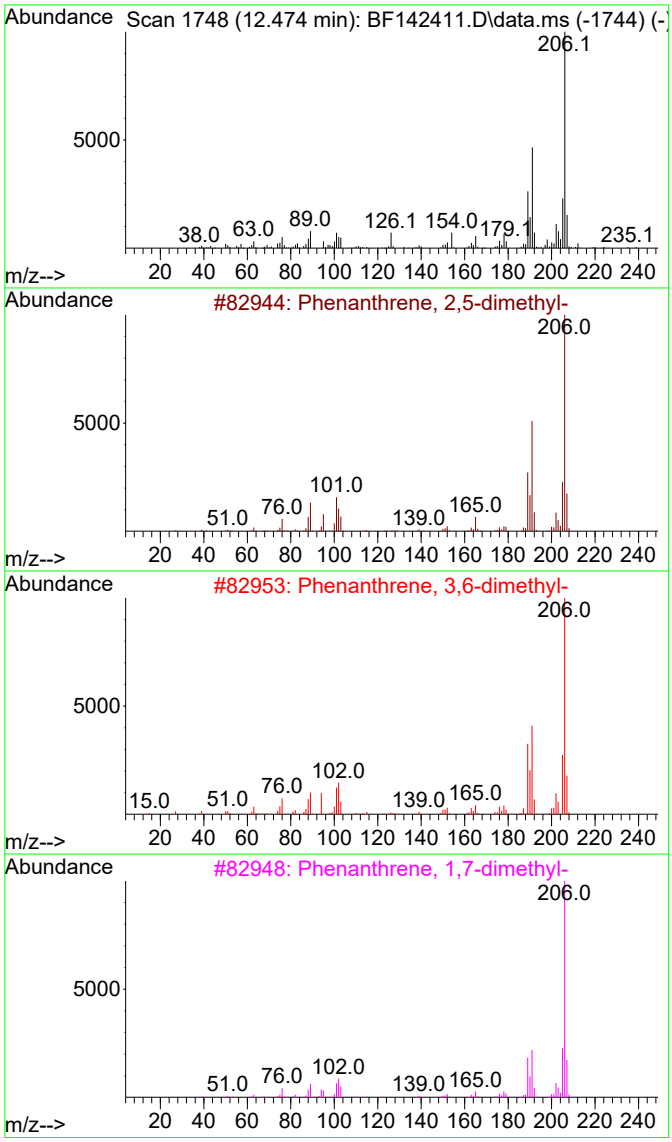
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

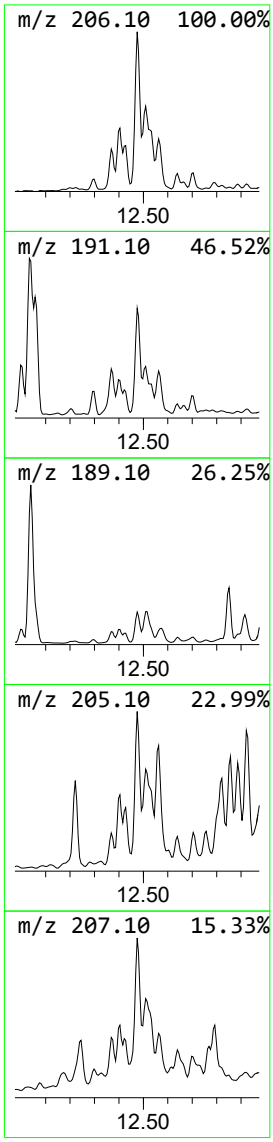
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	3.05 ng	191243	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





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Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

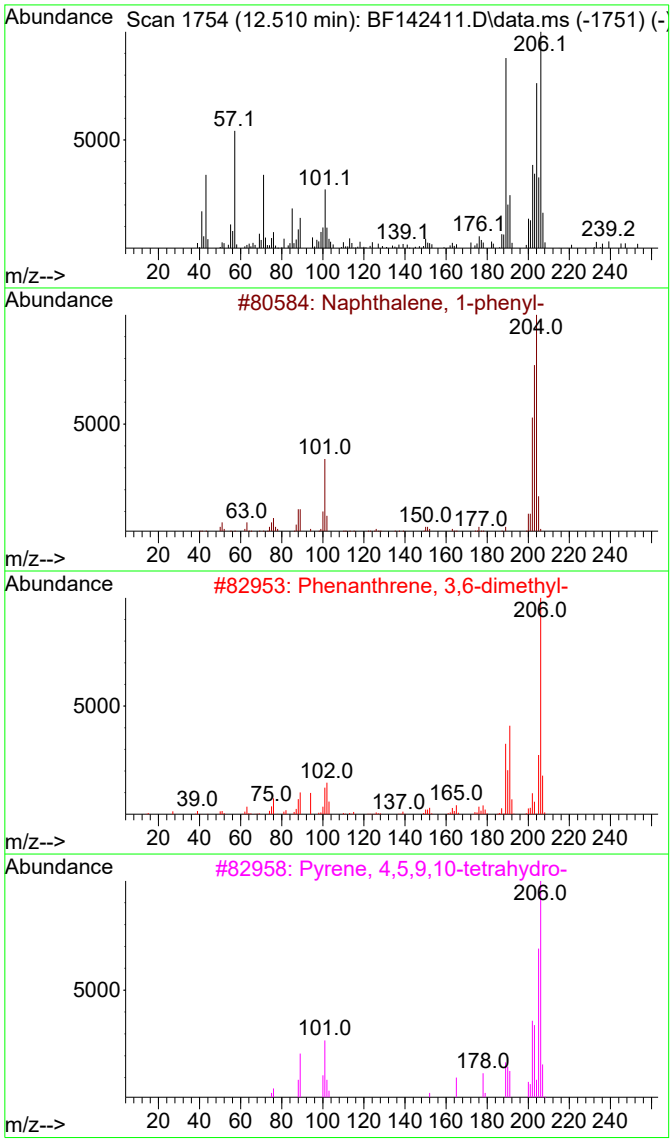
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

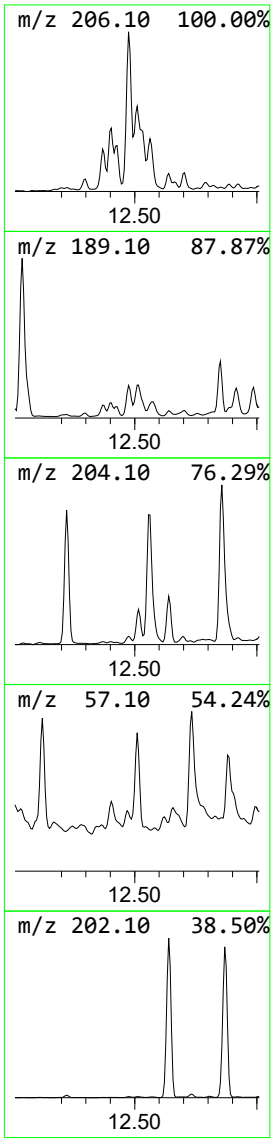
****

Peak Number 7 unknown12.510 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.56 ng	160404	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	47
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	35
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	30





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Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-051325

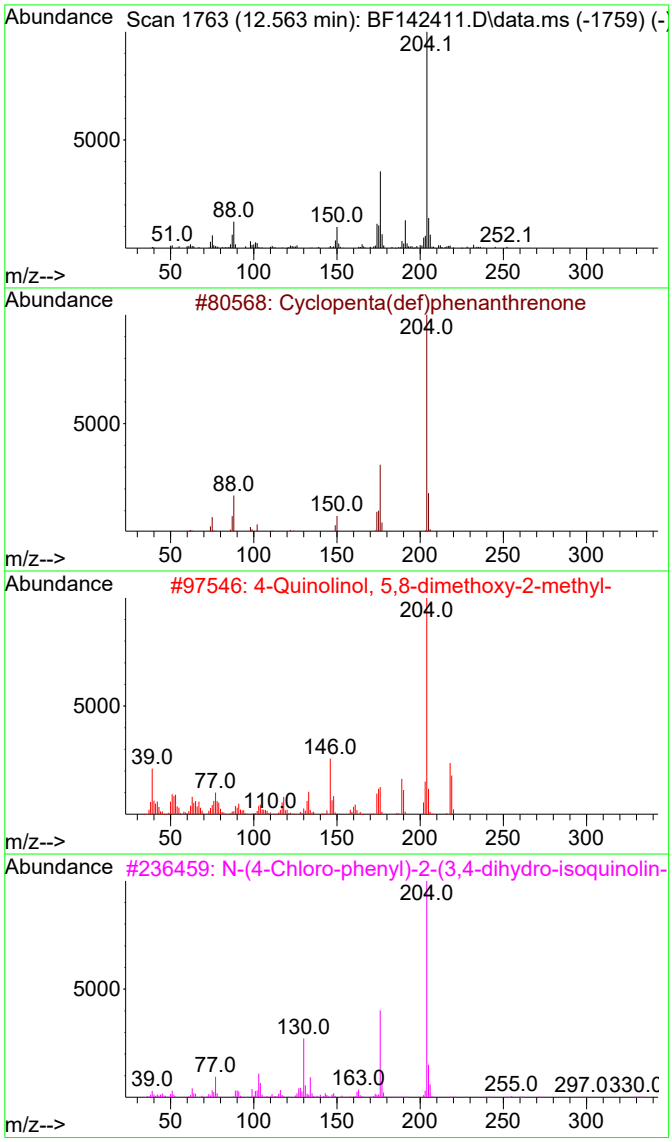
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

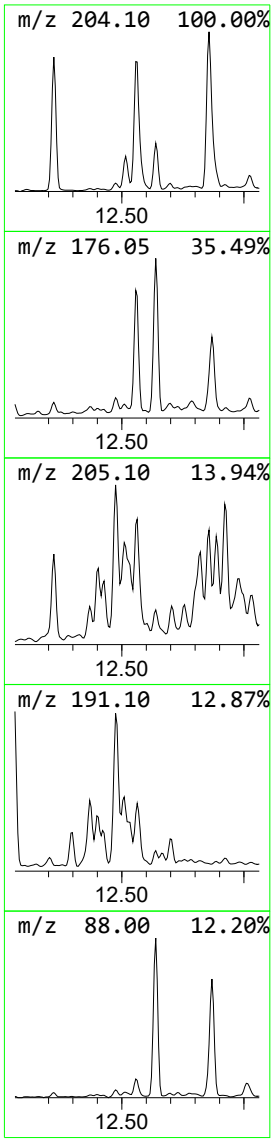
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	2.48 ng	155835	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	4-Quinolinol, 5,8-dimethoxy-2-me...	219	C12H13NO3	1000337-90-3	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	53
5	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	53





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Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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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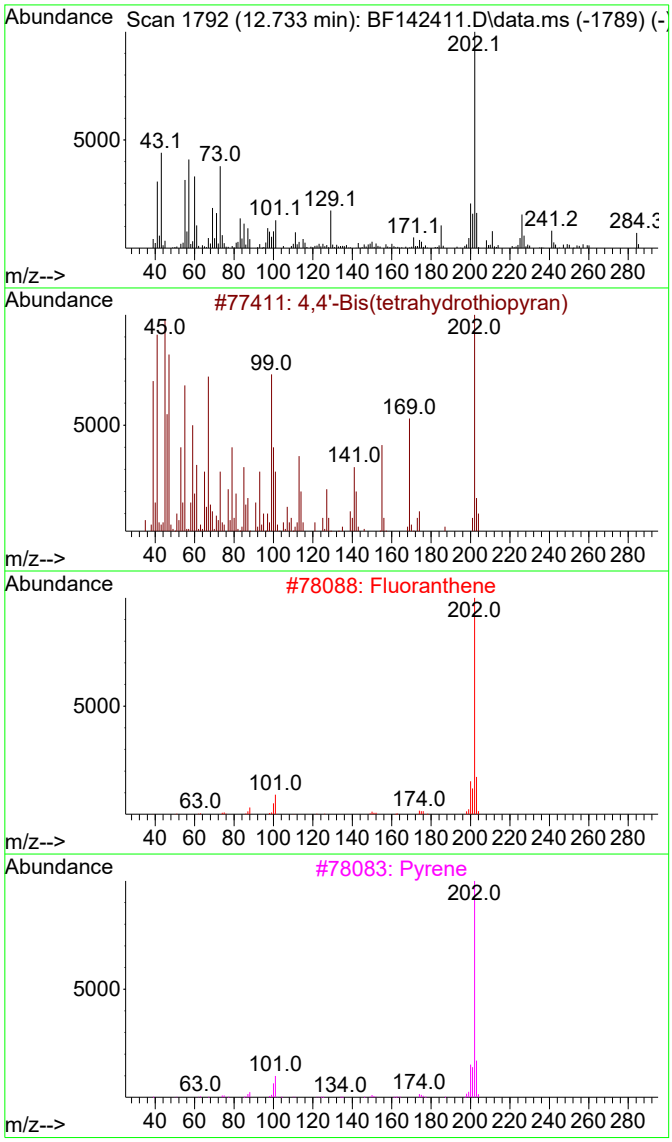
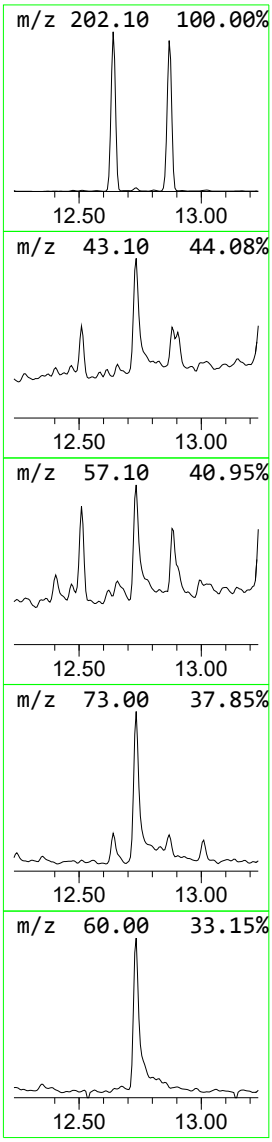
Peak Number 9 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.733	2.23 ng	139706	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	93
2	Fluoranthene	202	C16H10	000206-44-0	55
3	Pyrene	202	C16H10	000129-00-0	49
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	43
5	Tryptophan, N,N'-bis(trimethylsi...	362	C18H30N2O2Si2	007765-10-8	38





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Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

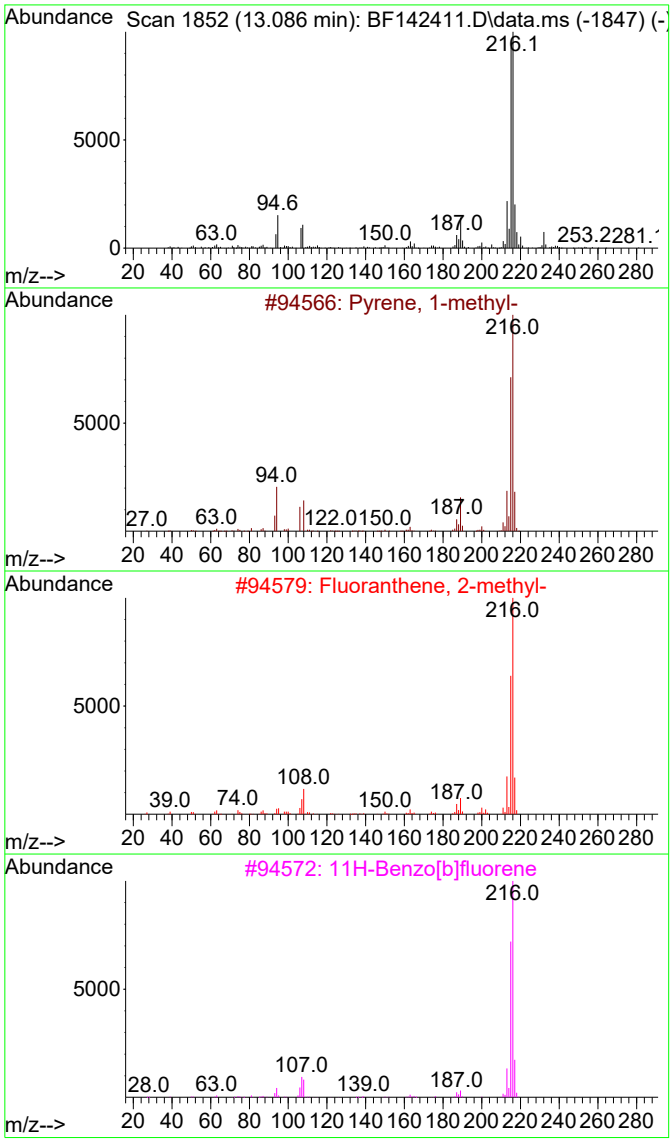
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

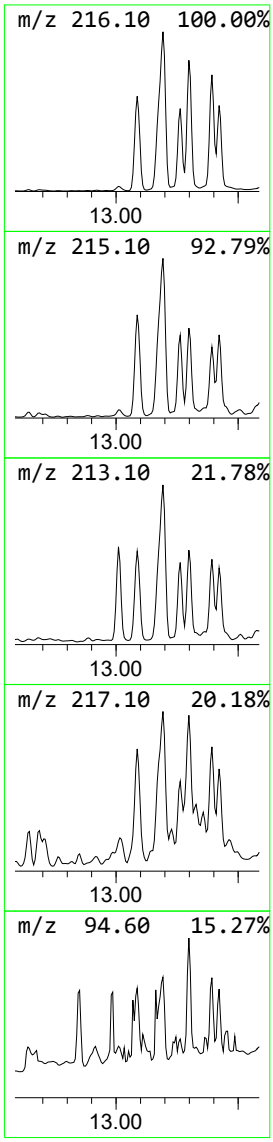
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	3.00 ng	307315	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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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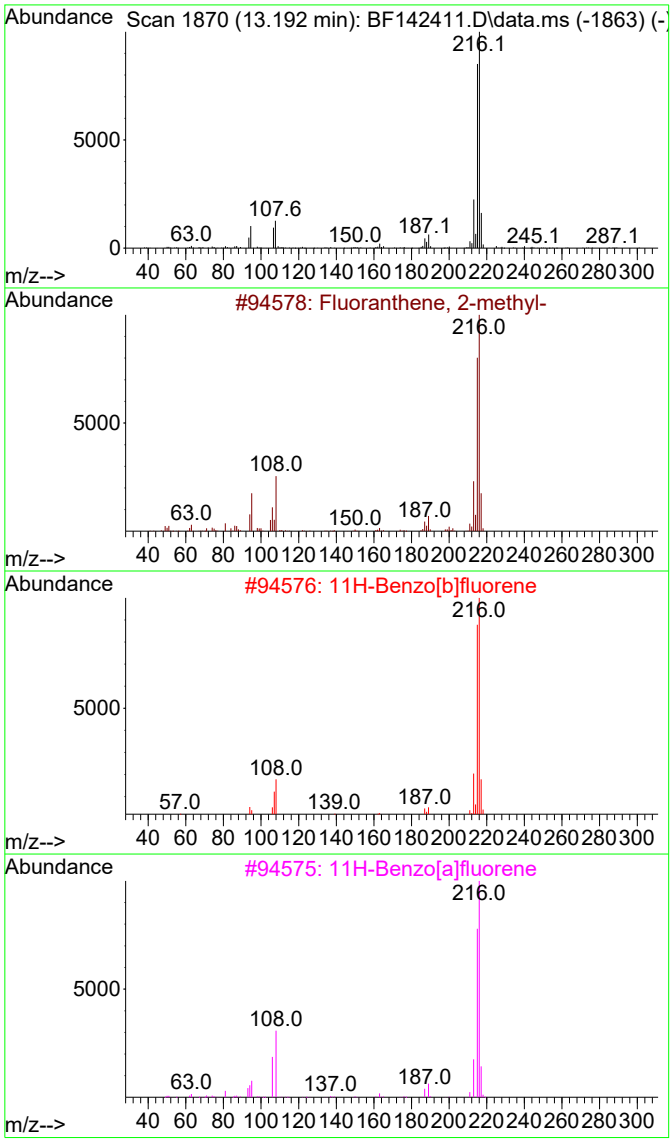
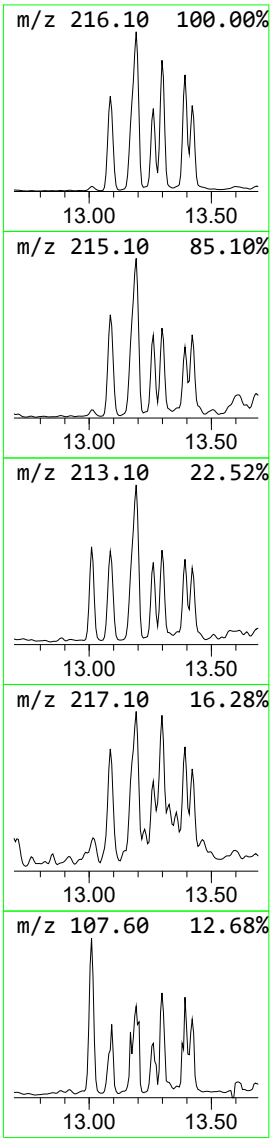
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	4.14 ng	423897	Chrysene-d12	14.068

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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

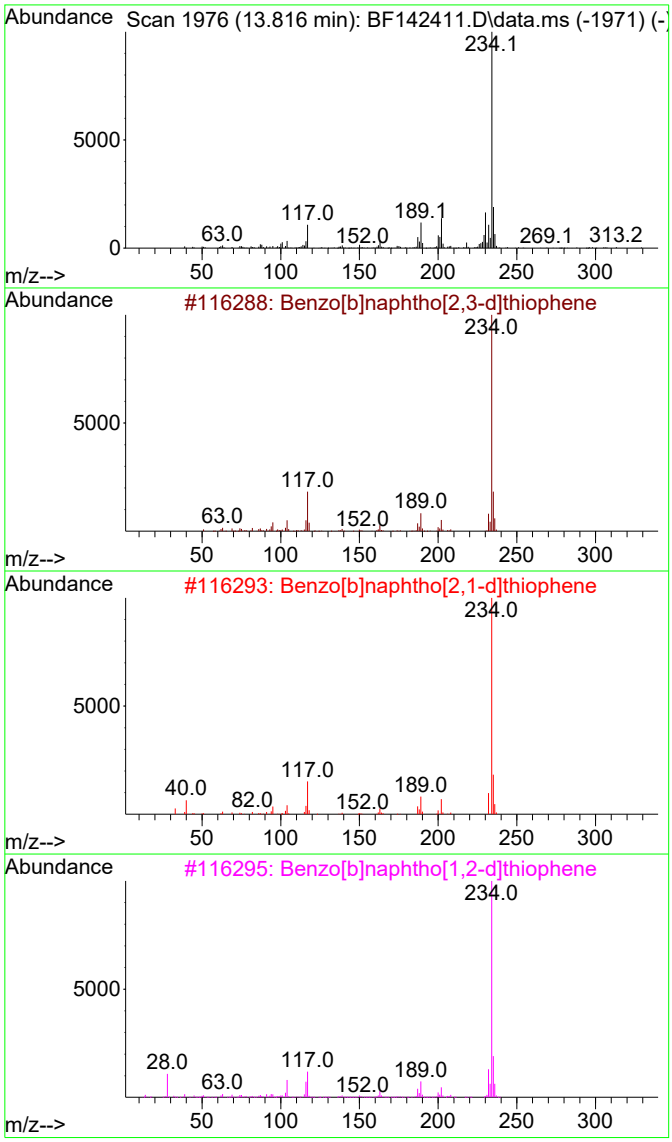
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

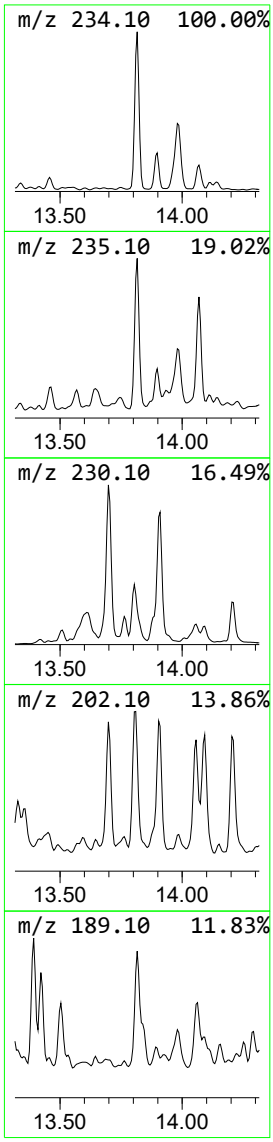
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.33 ng	238693	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	76
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	64
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	58





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Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 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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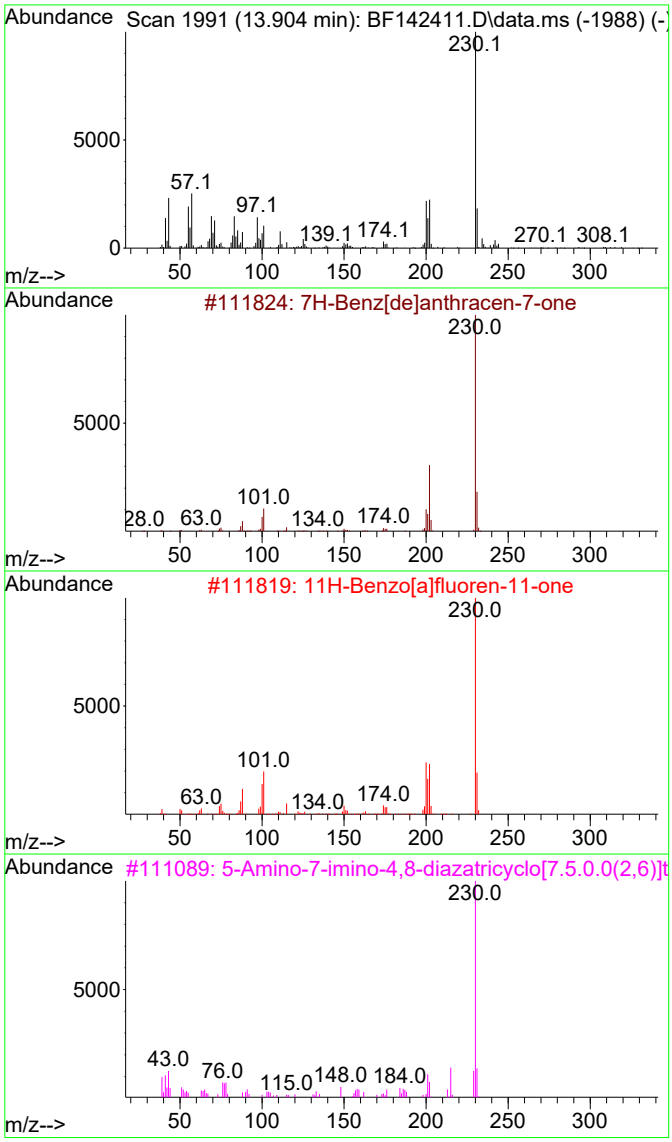
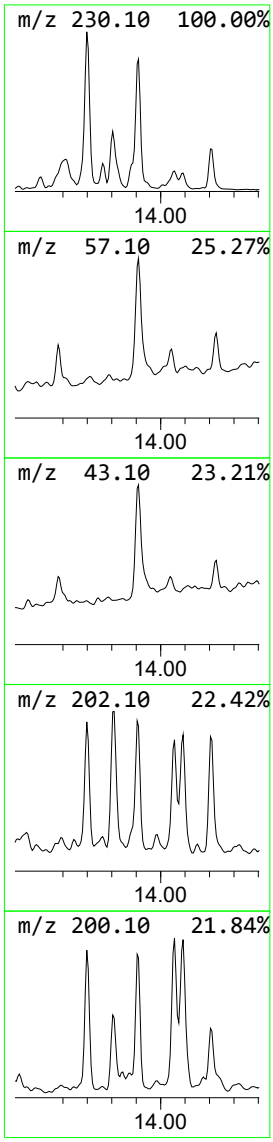
Peak Number 13 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	2.86 ng	293312	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80
3	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	49
4	o-Terphenyl	230	C18H14	000084-15-1	49
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	45





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Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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

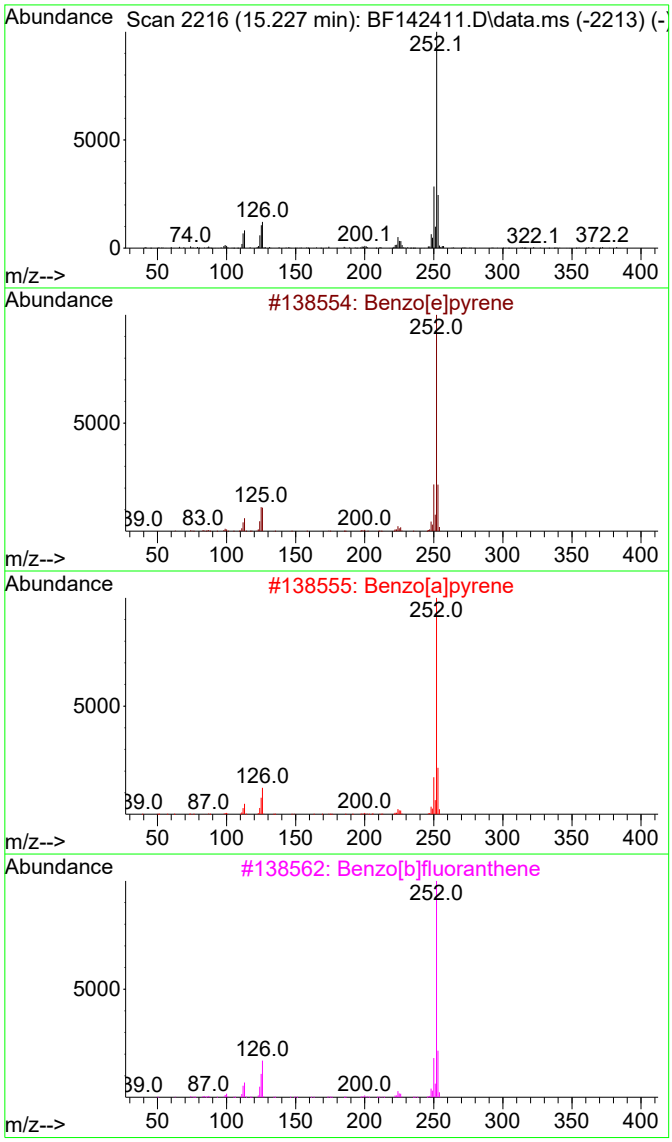
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

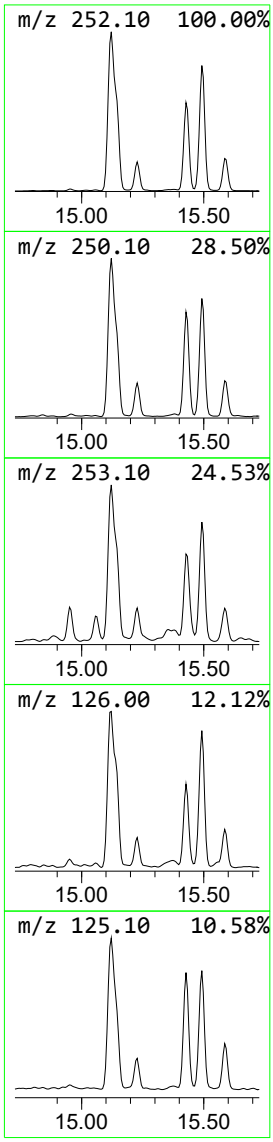
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	4.45 ng	139099	Perylene-d12	15.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





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Acq On : 16 May 2025 00:28
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Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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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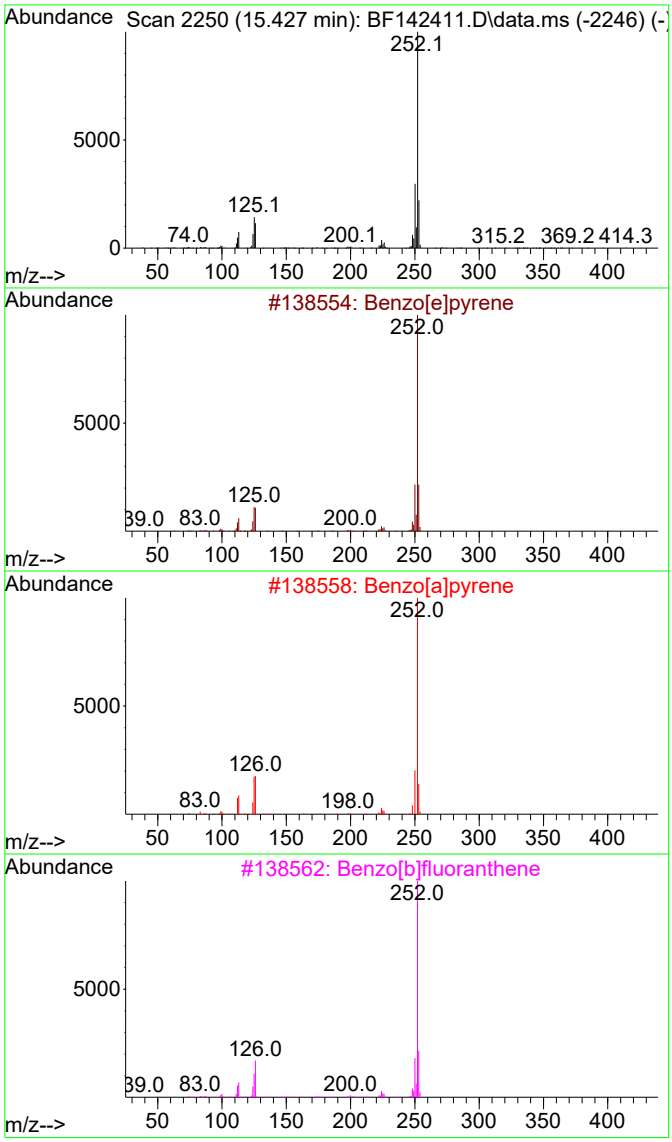
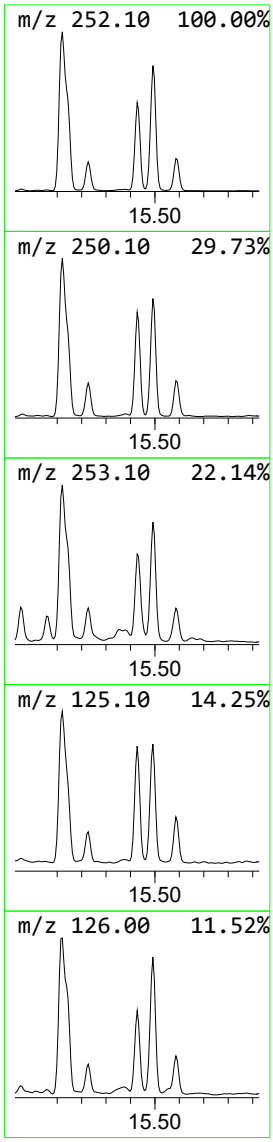
Peak Number 15 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.427	16.05 ng	502100	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[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Perylene	252	C20H12	000198-55-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
Data File : BF142411.D
Acq On : 16 May 2025 00:28
Operator : RC/JU
Sample : Q2024-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-02-051325

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	10.4	ng	490238	1	6.904	937974	20.0
Benzophenone	10.651	6.1	ng	390064	3	9.939	1270410	20.0
5-Ethyldecane	10.845	2.4	ng	147848	4	11.422	1255530	20.0
Phenanthrene, 2...	11.951	12.3	ng	772763	4	11.422	1255530	20.0
4H-Cyclopenta[d...	12.039	7.5	ng	474099	4	11.422	1255530	20.0
Phenanthrene, 2...	12.474	3.0	ng	191243	4	11.422	1255530	20.0
unknown12.510	12.510	2.6	ng	160404	4	11.422	1255530	20.0
Cyclopenta(def)...	12.563	2.5	ng	155835	4	11.422	1255530	20.0
4,4'-Bis(tetrah...	12.733	2.2	ng	139706	4	11.422	1255530	20.0
Pyrene, 1-methyl-	13.086	3.0	ng	307315	5	14.068	2048970	20.0
Fluoranthene, 2...	13.192	4.1	ng	423897	5	14.068	2048970	20.0
Benzo[b]naphtho...	13.816	2.3	ng	238693	5	14.068	2048970	20.0
7H-Benz[de]anth...	13.904	2.9	ng	293312	5	14.068	2048970	20.0
Benzo[e]pyrene	15.227	4.5	ng	139099	6	15.557	625479	20.0
Perylene	15.427	16.1	ng	502100	6	15.557	625479	20.0