LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142956.D
Acq On : 01 Jul 2025 18:31
Operator : RC/JU
Sample : Q2457-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-2-062725

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: BF142956.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.293	12	17	28	rVB	5737	10783	1.69%	0.227%
2	5.075	485	490	496	rBV	7078	9924	1.55%	0.209%
3	5.487	556	560	569	rBV	76541	105606	16.54%	2.225%
4	6.504	728	733	742	rBV	70135	98761	15.47%	2.081%
5	6.875	791	796	801	rBV	174738	212321	33.26%	4.474%
6	7.433	886	891	901	rBV	46886	60583	9.49%	1.277%
7	8.157	1009	1014	1021	rBV	206556	250079	39.17%	5.270%
8	9.233	1192	1197	1204	rBV	112442	140963	22.08%	2.970%
9	9.775	1285	1289	1295	rBV	17978	21800	3.41%	0.459%
10	9.916	1308	1313	1317	rBV	237796	298536	46.76%	6.291%
11	10.463	1403	1406	1412	rVB2	5895	8863	1.39%	0.187%
12	10.622	1429	1433	1438	rBV	8572	11643	1.82%	0.245%
13	10.704	1440	1447	1453	rBV	75852	95663	14.98%	2.016%
14	10.827	1462	1468	1473	rVB5	6984	12746	2.00%	0.269%
15	11.210	1529	1533	1536	rVV2	5325	6812	1.07%	0.144%
16	11.257	1537	1541	1544	rVV3	5742	9469	1.48%	0.200%
17	11.298	1544	1548	1554	rVB2	9080	13989	2.19%	0.295%
18	11.404	1561	1566	1575	rBV2	288292	441852	69.21%	9.311%
19	11.480	1575	1579	1582	rVV	14070	16149	2.53%	0.340%
20	11.645	1602	1607	1611	rBV5	5275	11935	1.87%	0.252%
21	11.692	1611	1615	1619	rVV4	6703	9190	1.44%	0.194%
22	11.733	1619	1622	1628	rVB2	9344	12380	1.94%	0.261%
23	11.786	1628	1631	1634	rBV4	6005	9076	1.42%	0.191%
24	11.863	1640	1644	1647	rBV6	4572	7786	1.22%	0.164%
25	11.933	1647	1656	1661	rVV2	50798	116185	18.20%	2.448%
26	11.980	1661	1664	1666	rVV	10655	14437	2.26%	0.304%
27	12.016	1666	1670	1679	rVB2	42586	88200	13.82%	1.859%
28	12.092	1680	1683	1688	rBV5	10289	18226	2.85%	0.384%
29	12.198	1698	1701	1704	rBV	13078	18524	2.90%	0.390%
30	12.227	1704	1706	1712	rVB3	13673	18722	2.93%	0.395%
31	12.380	1729	1732	1735	rBV	11522	14960	2.34%	0.315%
32	12.457	1741	1745	1747	rBV	37869	54727	8.57%	1.153%
33	12.545	1757	1760	1764	rVB	30771	36036	5.64%	0.759%
34	12.621	1768	1773	1777	rBV	231719	294338	46.10%	6.202%
35	12.716	1786	1789	1792	rBV	12166	14522	2.27%	0.306%
36	12.851	1805	1812	1818	rBV	266392	391434	61.31%	8.249%

LSC Area Percent Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-062725

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	12.904	1818	1821	1825	rVB2	19512	24188	3.79%	0.510%
38	12.986	1830	1835	1843	rVB	173657	246528	38.62%	5.195%
39	13.068	1845	1849	1854	rVV3	28619	48799	7.64%	1.028%
40	13.174	1861	1867	1871	rBV	36045	69297	10.85%	1.460%
41	13.280	1882	1885	1893	rBV2	32701	49117	7.69%	1.035%
42	13.374	1898	1901	1904	rBV	25744	31635	4.96%	0.667%
43	13.410	1904	1907	1910	rVV	18931	22583	3.54%	0.476%
44	14.051	2010	2016	2026	rBV2	306473	638418	100.00%	13.453%
45	15.104	2191	2195	2203	rBV	108494	226524	35.48%	4.773%
46	15.480	2255	2259	2265	rVB	98363	148336	23.23%	3.126%
47	15.545	2266	2270	2282	rVB2	157820	282830	44.30%	5.960%

Sum of corrected areas: 4745475

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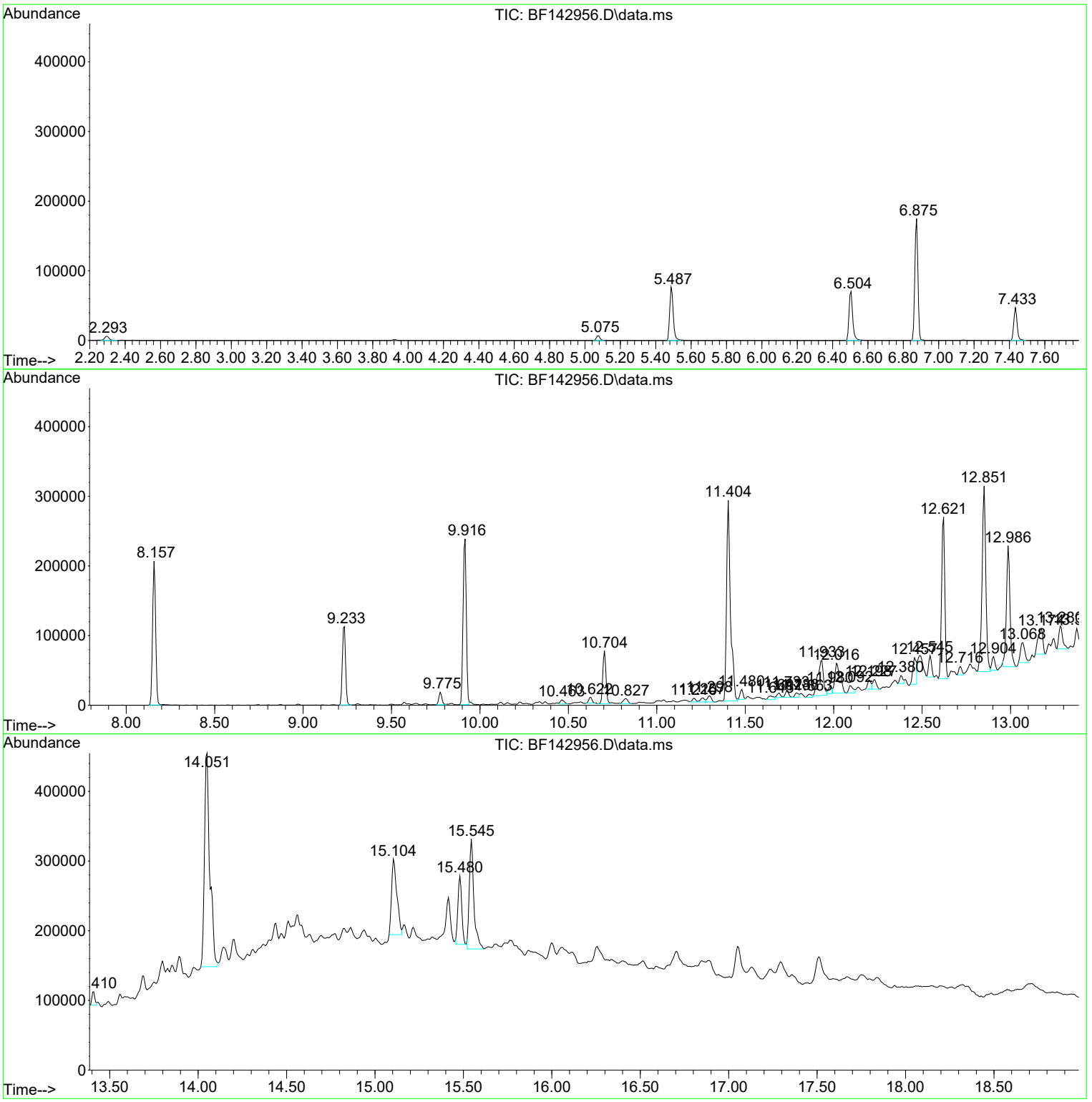
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
Data File : BF142956.D
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Operator : RC/JU
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Instrument :
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ClientSampleId :
OK-2-062725

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

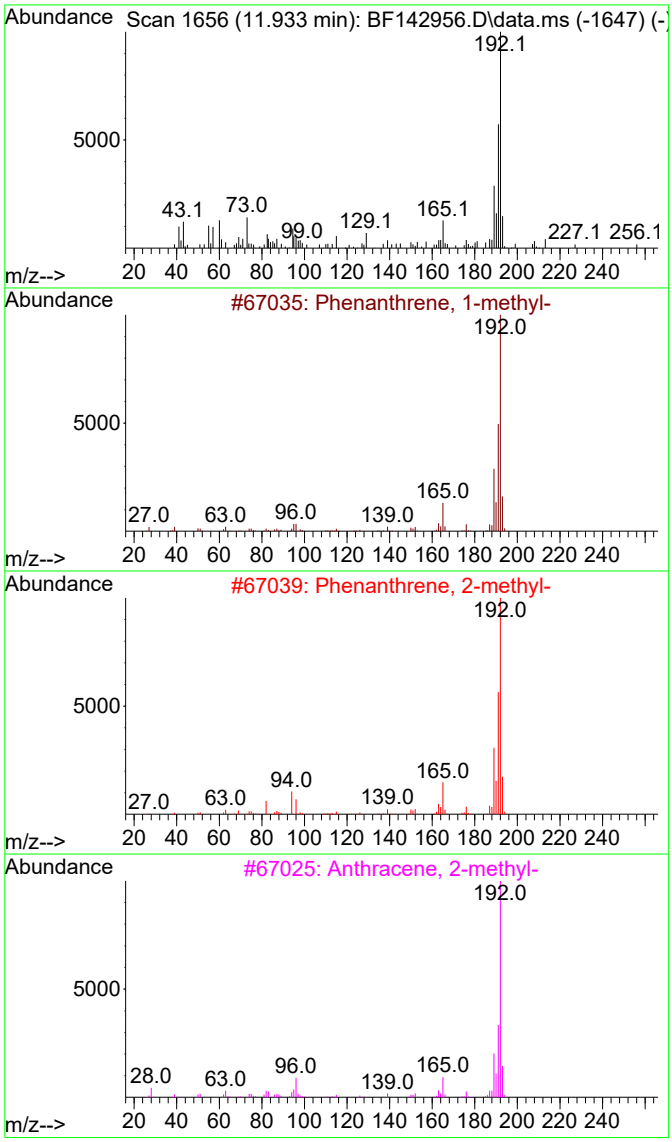
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

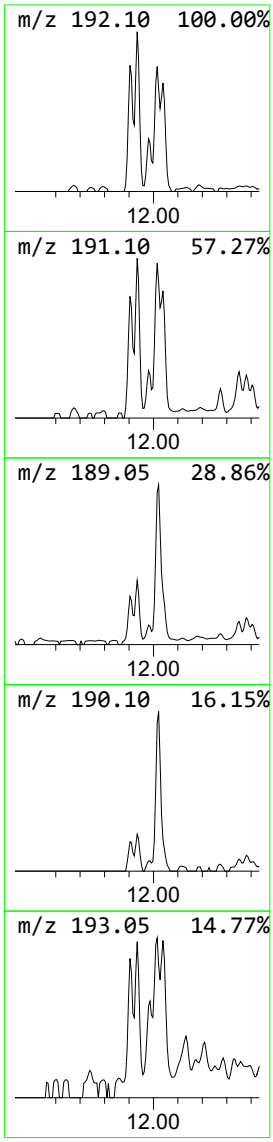
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	5.26 ng	116185	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86





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BNA_F
ClientSampleId :
OK-2-062725

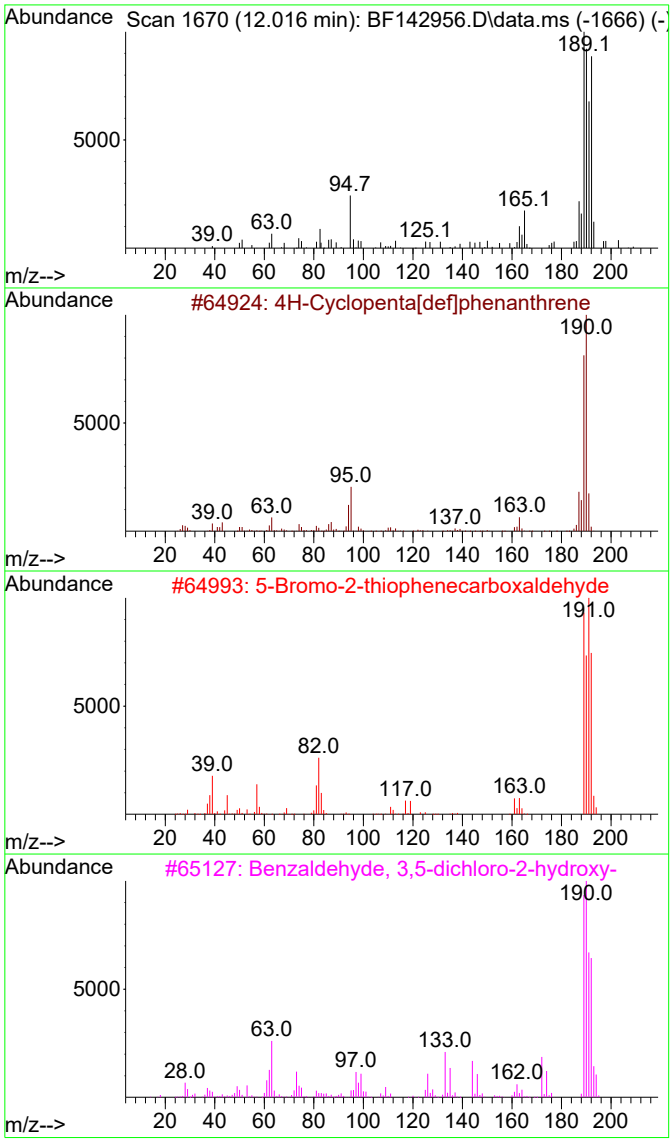
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

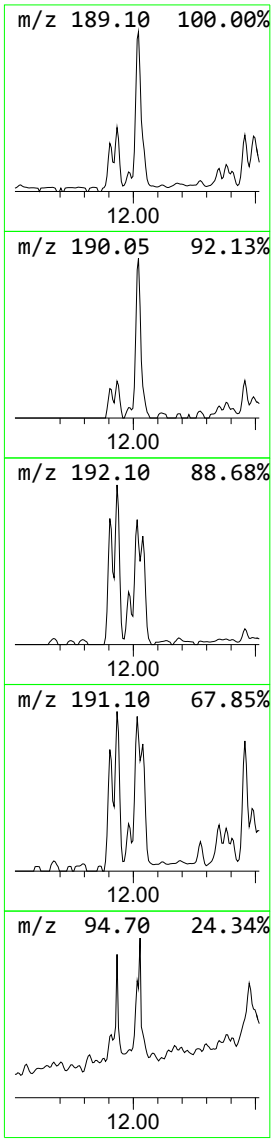
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.015	3.99 ng	88200	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070125\
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Operator : RC/JU
Sample : Q2457-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-062725

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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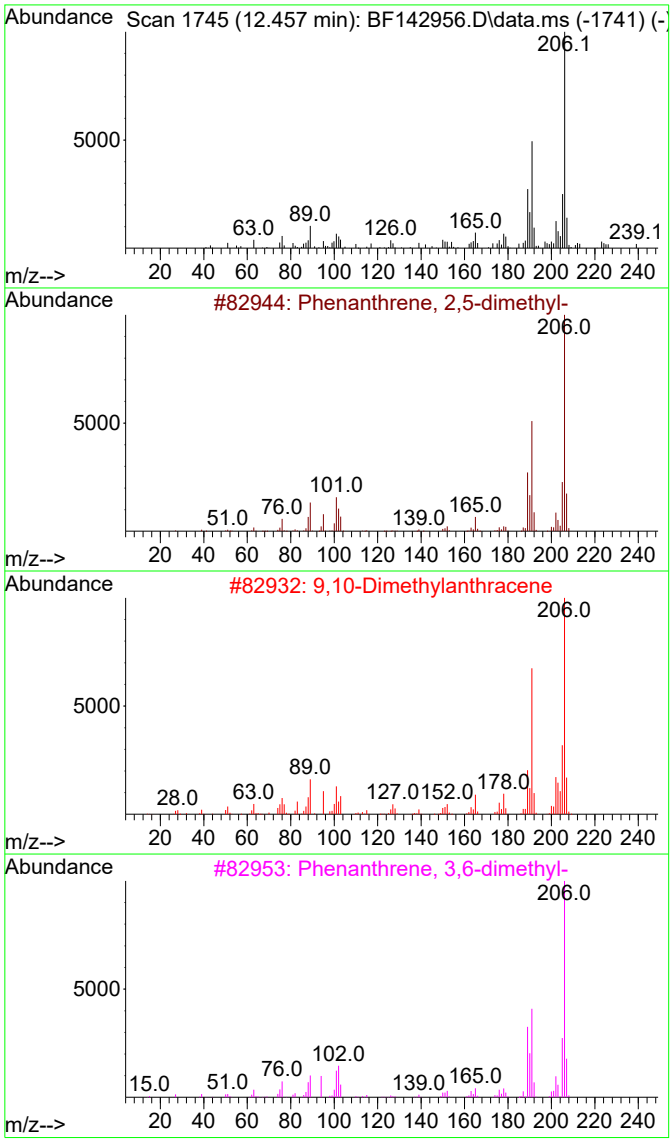
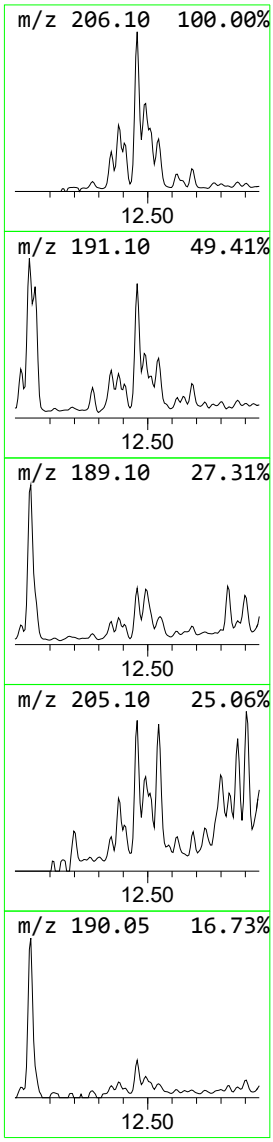
Peak Number 3 Phenanthrene, 2,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.457	2.48 ng	54727	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





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Misc :
ALS Vial : 17 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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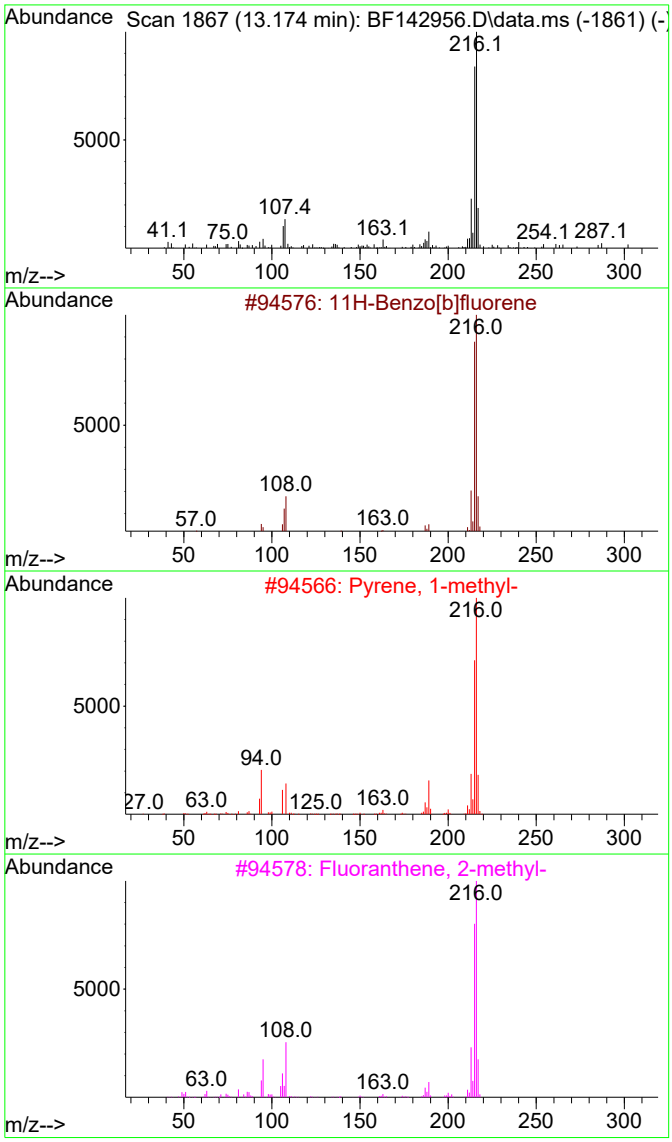
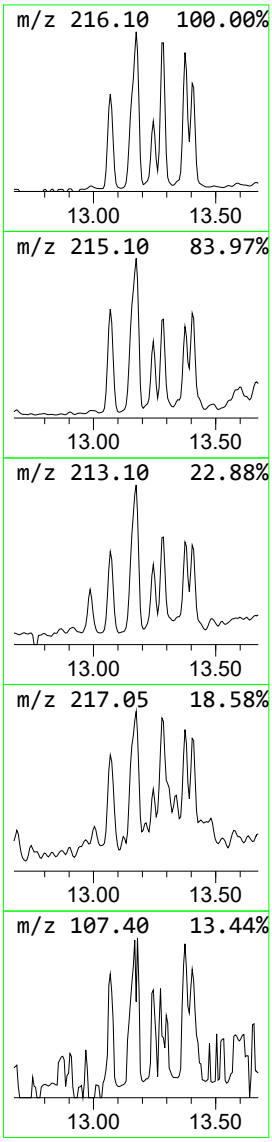
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	2.17 ng	69297	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	80





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 17 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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	11.933	5.3	ng	116185	4	11.404	441852	20.0
4H-Cyclopenta[d...	12.015	4.0	ng	88200	4	11.404	441852	20.0
Phenanthrene, 2...	12.457	2.5	ng	54727	4	11.404	441852	20.0
11H-Benzo[b]flu...	13.174	2.2	ng	69297	5	14.051	638418	20.0