LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
Data File : BF139450.D
Acq On : 19 Sep 2024 02:54
Operator : RC/JU
Sample : P4098-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-091724

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	20	rVB	150050	228127	53.38%	5.271%
2	3.946	309	315	319	rBB	3929	5814	1.36%	0.134%
3	5.081	503	508	512	rBV	12386	16269	3.81%	0.376%
4	5.487	572	577	589	rBB	183859	235945	55.21%	5.451%
5	6.498	744	749	762	rBV	186034	231570	54.18%	5.350%
6	6.881	809	814	819	rVB	272345	339741	79.49%	7.850%
7	7.434	899	908	913	rBV	109436	137088	32.08%	3.167%
8	7.687	947	951	957	rVB3	3467	5046	1.18%	0.117%
9	8.163	1021	1032	1038	rBV	288081	378058	88.46%	8.735%
10	8.981	1167	1171	1176	rBV4	3481	4969	1.16%	0.115%
11	9.234	1209	1214	1219	rBV	173635	219843	51.44%	5.079%
12	9.310	1223	1227	1233	rVB3	8626	11288	2.64%	0.261%
13	9.622	1277	1280	1285	rBV4	4757	7538	1.76%	0.174%
14	9.781	1303	1307	1311	rBV4	2605	4286	1.00%	0.099%
15	9.839	1311	1317	1321	rVV5	4508	10508	2.46%	0.243%
16	9.910	1324	1329	1333	rVV	279383	348940	81.65%	8.062%
17	9.945	1333	1335	1340	rVV	15888	17643	4.13%	0.408%
18	10.116	1359	1364	1368	rVB2	5183	7096	1.66%	0.164%
19	10.339	1394	1402	1406	rBV7	5484	11029	2.58%	0.255%
20	10.457	1418	1422	1428	rBV	10777	14439	3.38%	0.334%
21	10.557	1428	1439	1444	rBV8	4529	14599	3.42%	0.337%
22	10.622	1446	1450	1455	rVB	15801	19538	4.57%	0.451%
23	10.698	1458	1463	1468	rBV	93643	118999	27.84%	2.749%
24	10.822	1479	1484	1490	rVB3	9693	17350	4.06%	0.401%
25	10.998	1511	1514	1517	rBV4	3456	5153	1.21%	0.119%
26	11.133	1532	1537	1539	rBV5	3649	6191	1.45%	0.143%
27	11.257	1554	1558	1561	rBV4	7013	9939	2.33%	0.230%
28	11.292	1561	1564	1569	rVB2	11000	15625	3.66%	0.361%
29	11.398	1577	1582	1585	rBV	288720	427385	100.00%	9.875%
30	11.469	1590	1594	1598	rVV	33242	44650	10.45%	1.032%
31	11.504	1598	1600	1606	rVB5	3698	5353	1.25%	0.124%
32	11.628	1617	1621	1627	rBV	16903	24254	5.67%	0.560%
33	11.686	1628	1631	1634	rBV2	4953	6258	1.46%	0.145%
34	11.922	1663	1671	1676	rBV2	36917	74898	17.52%	1.731%
35	11.975	1676	1680	1682	rVV	10210	14939	3.50%	0.345%
36	12.010	1682	1686	1694	rVB	30011	52740	12.34%	1.219%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4098-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-091724

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-BF091324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.192	1714	1717	1719	rBV	7848	9445	2.21%	0.218%
38	12.445	1757	1760	1763	rBV	10611	13576	3.18%	0.314%
39	12.610	1783	1788	1793	rBV	158315	200260	46.86%	4.627%
40	12.839	1820	1827	1833	rBV	123401	202646	47.42%	4.682%
41	12.980	1846	1851	1857	rVB	163834	226636	53.03%	5.236%
42	13.163	1879	1882	1885	rVB	21510	25438	5.95%	0.588%
43	14.033	2025	2030	2041	rVB2	217793	364490	85.28%	8.422%
44	15.504	2276	2280	2289	rVB	117250	192488	45.04%	4.447%

Sum of corrected areas: 4328087

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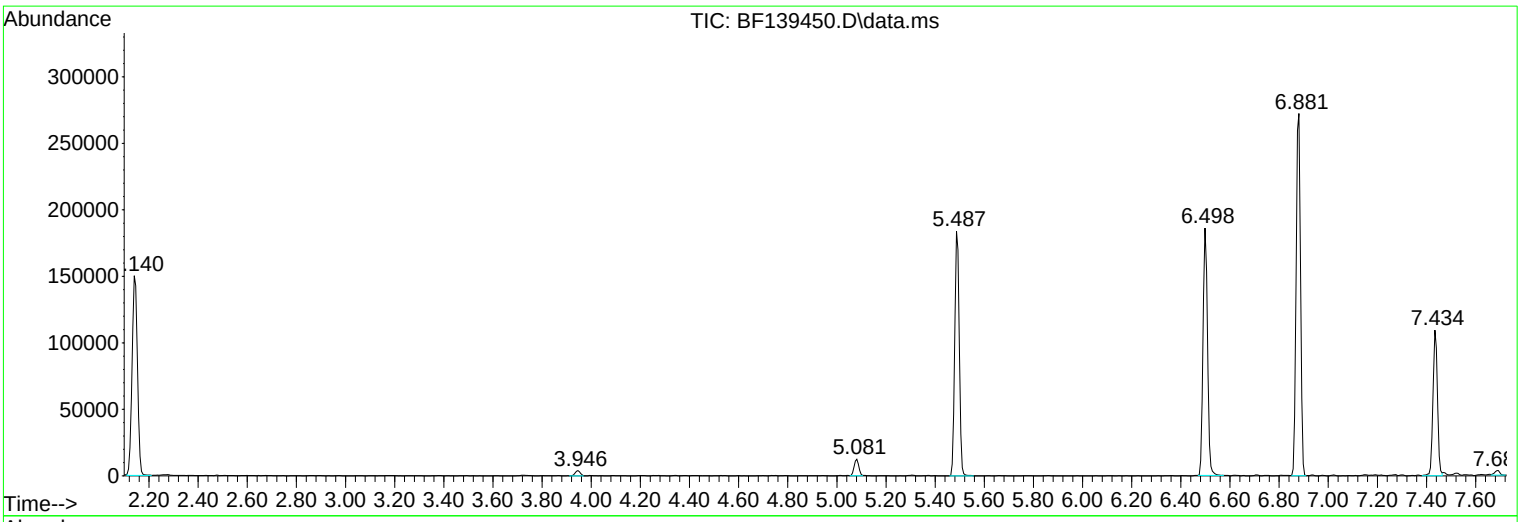
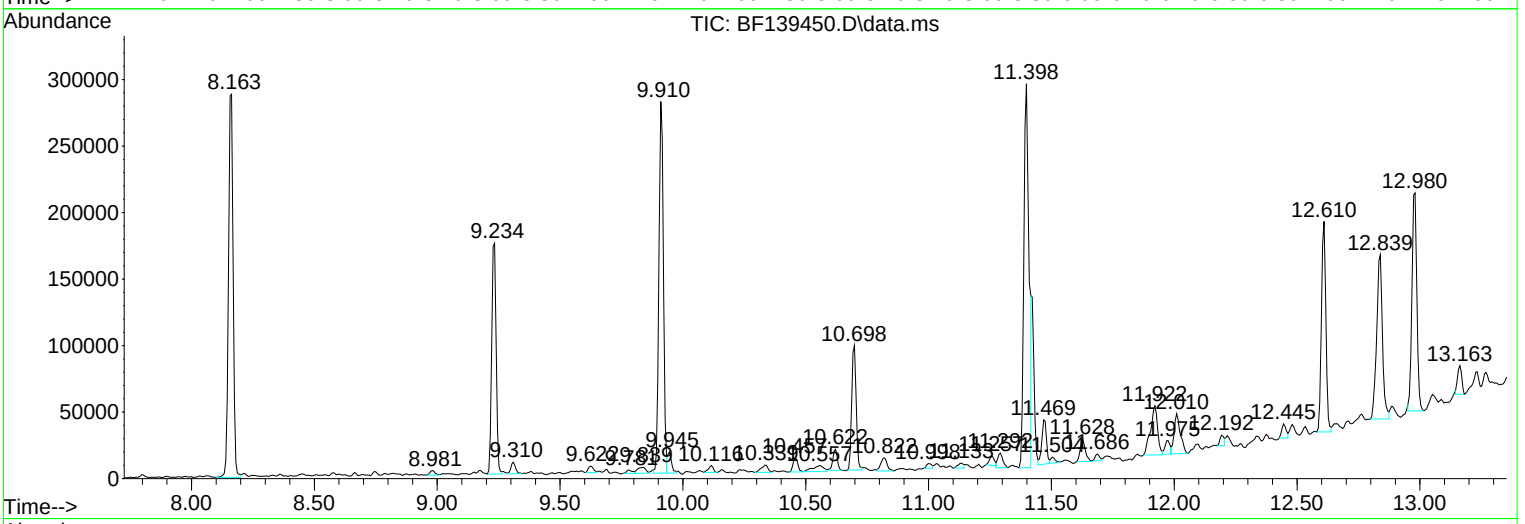
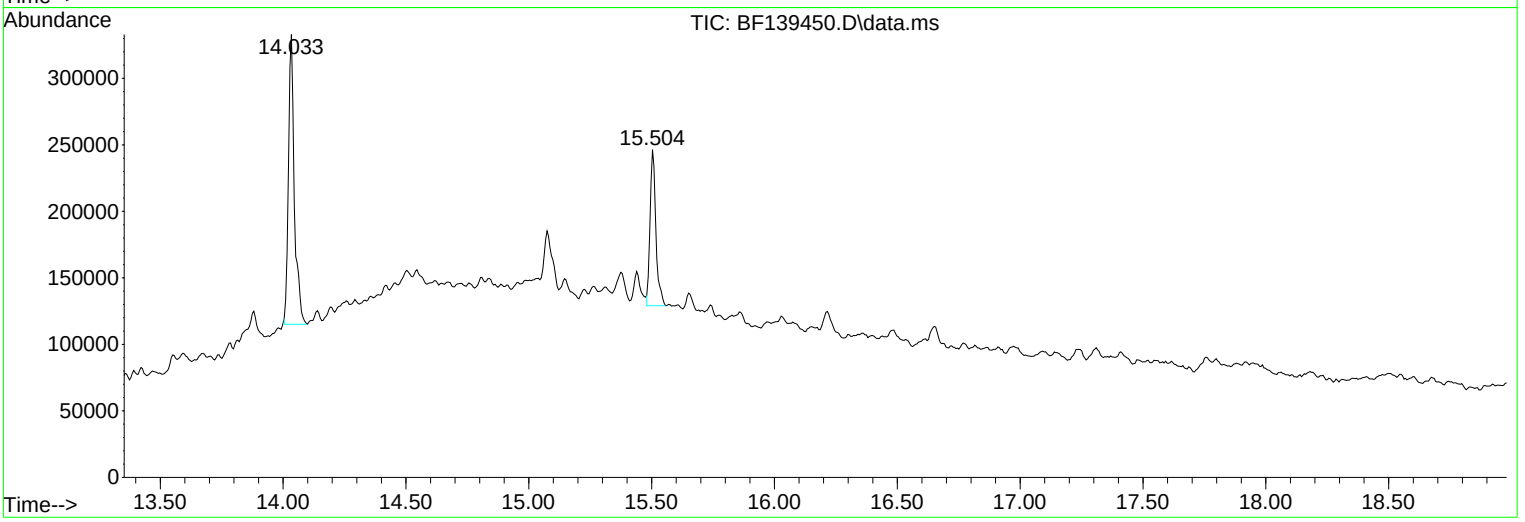
Instrument :
BNA_F
ClientSampleId :
HR-01-091724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.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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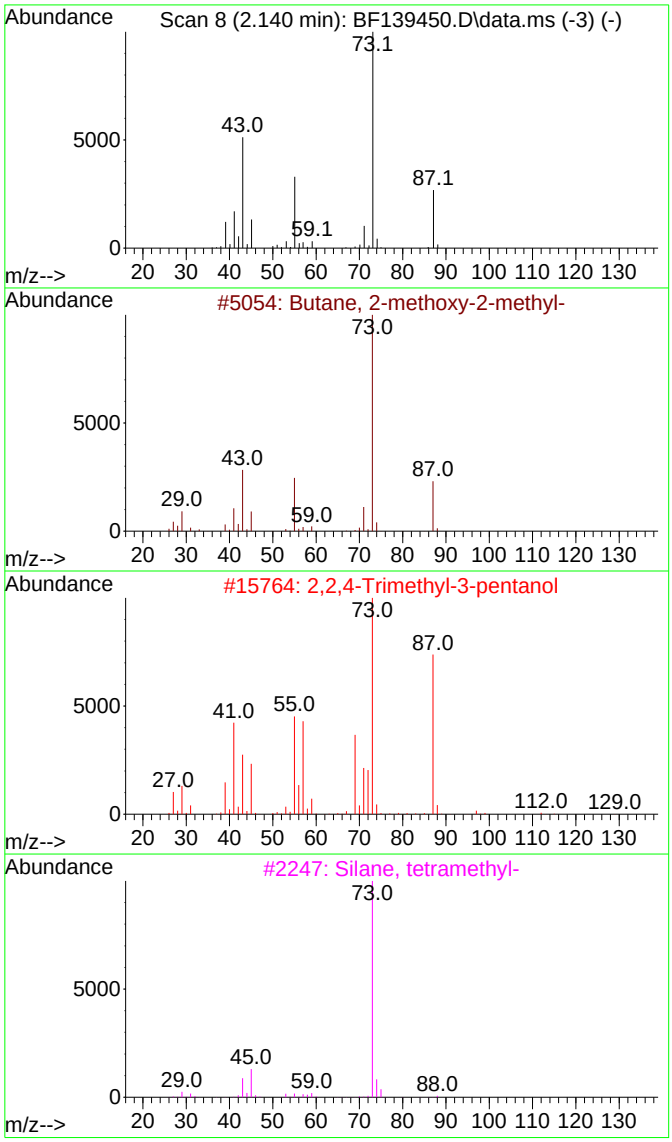
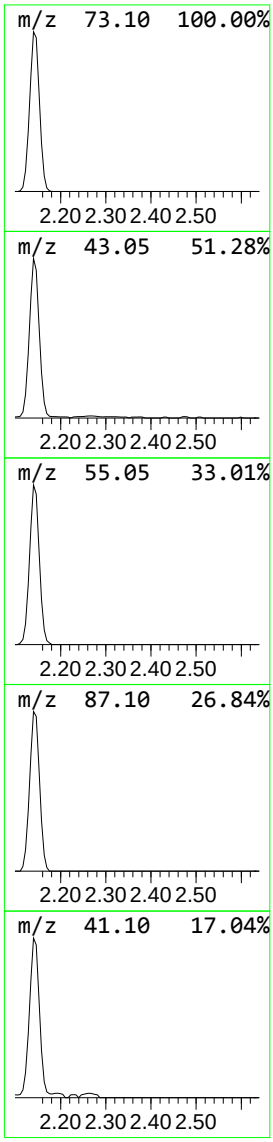
****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	13.43 ng	228127	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Instrument :
BNA_F
ClientSampleId :
HR-01-091724

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

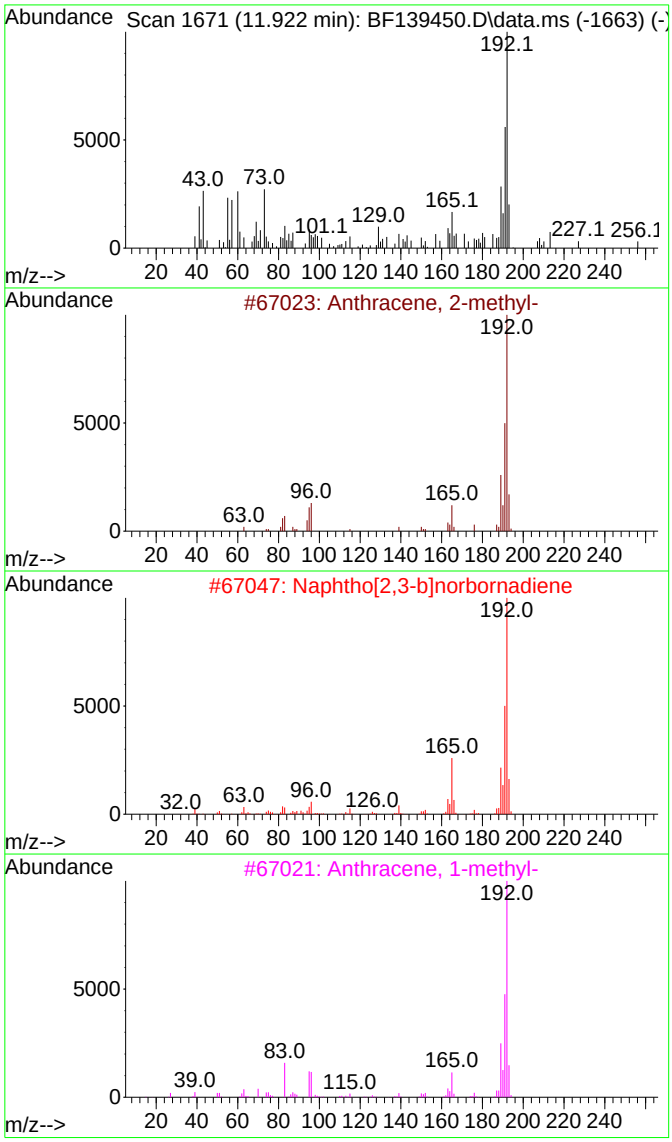
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

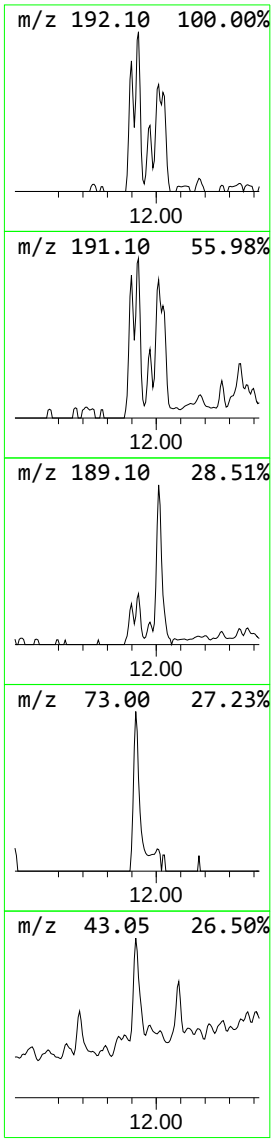
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.50 ng	74898	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	70
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	70





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Sample : P4098-01 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-01-091724

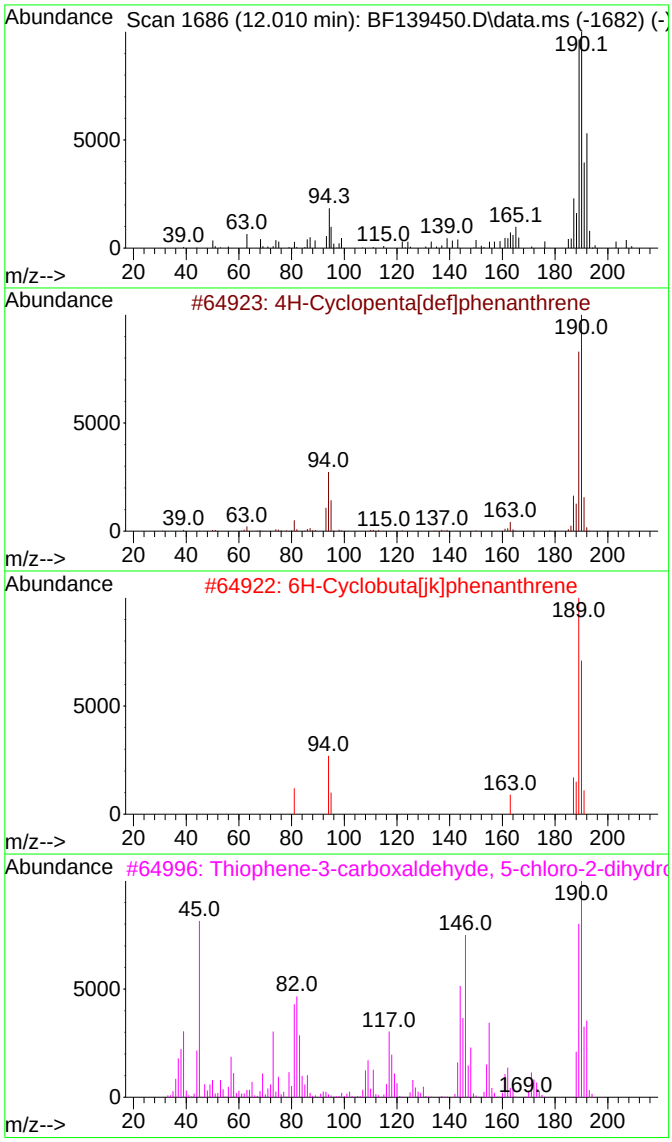
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

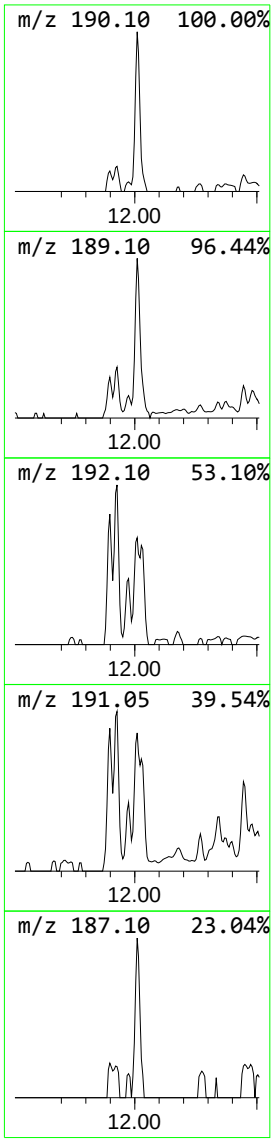
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	2.47 ng	52740	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
5	Cyclohexanone, 2-(2-furanylmethy...	190	C12H14O2	056053-07-7	27





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.140	13.4	ng	228127	1	6.881	339741	20.0
Anthracene, 2-m...	11.922	3.5	ng	74898	4	11.398	427385	20.0
4H-Cyclopenta[d...	12.010	2.5	ng	52740	4	11.398	427385	20.0