LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040121\
Data File : BG048556.D
Acq On : 1 Apr 2021 23:11
Operator : CG/JU
Sample : M1886-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-124027

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_G\METHODS\8270-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048556.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.641	384	392	403	rBV	457927	703753	51.65%	7.666%
2	7.245	657	665	677	rVB	449012	774610	56.85%	8.438%
3	8.097	802	810	817	rBV	83771	141070	10.35%	1.537%
4	9.267	1001	1009	1016	rBV	278150	491635	36.08%	5.356%
5	10.923	1282	1291	1297	rBV	108628	194010	14.24%	2.113%
6	13.368	1700	1707	1715	rBV	603987	921220	67.61%	10.035%
7	14.190	1841	1847	1853	rBV2	33858	51471	3.78%	0.561%
8	14.742	1934	1941	1949	rVB	165251	267310	19.62%	2.912%
9	16.235	2186	2195	2202	rBV	656165	967446	71.00%	10.539%
10	17.146	2346	2350	2359	rVB3	10506	16819	1.23%	0.183%
11	17.498	2403	2410	2414	rBV	228366	352294	25.85%	3.838%
12	17.539	2414	2417	2424	rVV	112296	167183	12.27%	1.821%
13	17.633	2424	2433	2439	rVB4	13796	33445	2.45%	0.364%
14	17.903	2469	2479	2485	rBV2	12494	27825	2.04%	0.303%
15	18.379	2554	2560	2564	rBV2	39227	55852	4.10%	0.608%
16	18.426	2564	2568	2576	rVV2	30547	52242	3.83%	0.569%
17	18.573	2588	2593	2596	rVV4	20437	38968	2.86%	0.424%
18	18.609	2596	2599	2605	rVB	15139	20023	1.47%	0.218%
19	18.873	2639	2644	2647	rBV4	16354	22271	1.63%	0.243%
20	18.914	2647	2651	2656	rVB4	24036	34064	2.50%	0.371%
21	19.284	2708	2714	2718	rBV3	12779	23987	1.76%	0.261%
22	19.425	2734	2738	2744	rVB2	16642	23346	1.71%	0.254%
23	19.554	2753	2760	2765	rBV	186263	262003	19.23%	2.854%
24	19.795	2796	2801	2807	rVB6	8827	14158	1.04%	0.154%
25	19.878	2811	2815	2817	rBV2	35978	48137	3.53%	0.524%
26	19.913	2817	2821	2828	rVB2	156429	216523	15.89%	2.359%
27	19.983	2828	2833	2835	rBV2	13561	15148	1.11%	0.165%
28	20.113	2845	2855	2860	rBV	1031624	1362639	100.00%	14.844%
29	20.148	2860	2861	2868	rVB	13035	15946	1.17%	0.174%
30	20.224	2870	2874	2876	rBV3	12897	20613	1.51%	0.225%
31	20.377	2895	2900	2901	rBV5	8788	15259	1.12%	0.166%
32	20.401	2901	2904	2909	rVB2	18238	28673	2.10%	0.312%
33	20.559	2924	2931	2936	rBV4	19607	40001	2.94%	0.436%
34	20.706	2952	2956	2958	rBV3	12483	15799	1.16%	0.172%
35	20.753	2960	2964	2968	rVB5	12139	16807	1.23%	0.183%
36	21.176	3030	3036	3039	rBV3	27166	40651	2.98%	0.443%

LSC Area Percent Report

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Sample : M1886-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-124027

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_G\METHODS\8270-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	21.358	3065	3067	3072	rVB5	10990	13993	1.03%	0.152%
38	21.417	3072	3077	3080	rBV4	31213	54146	3.97%	0.590%
39	21.511	3090	3093	3098	rVB2	18929	29320	2.15%	0.319%
40	21.793	3127	3141	3146	rBV2	275020	594035	43.59%	6.471%
41	21.840	3146	3149	3156	rVB2	69774	117770	8.64%	1.283%
42	22.216	3205	3213	3214	rBV8	11606	21025	1.54%	0.229%
43	22.551	3264	3270	3275	rVB4	15051	31424	2.31%	0.342%
44	22.621	3275	3282	3289	rBV5	14767	30654	2.25%	0.334%
45	24.073	3522	3529	3537	rBV2	38932	127873	9.38%	1.393%
46	24.131	3537	3539	3547	rVB	21764	38290	2.81%	0.417%
47	24.825	3649	3657	3668	rVB2	26856	83655	6.14%	0.911%
48	24.972	3674	3682	3692	rVB2	35875	99290	7.29%	1.082%
49	25.142	3700	3711	3720	rBV3	143103	421395	30.92%	4.590%
50	30.142	4551	4562	4563	rBV8	9563	23901	1.75%	0.260%

Sum of corrected areas: 9179972

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ClientSampleId :
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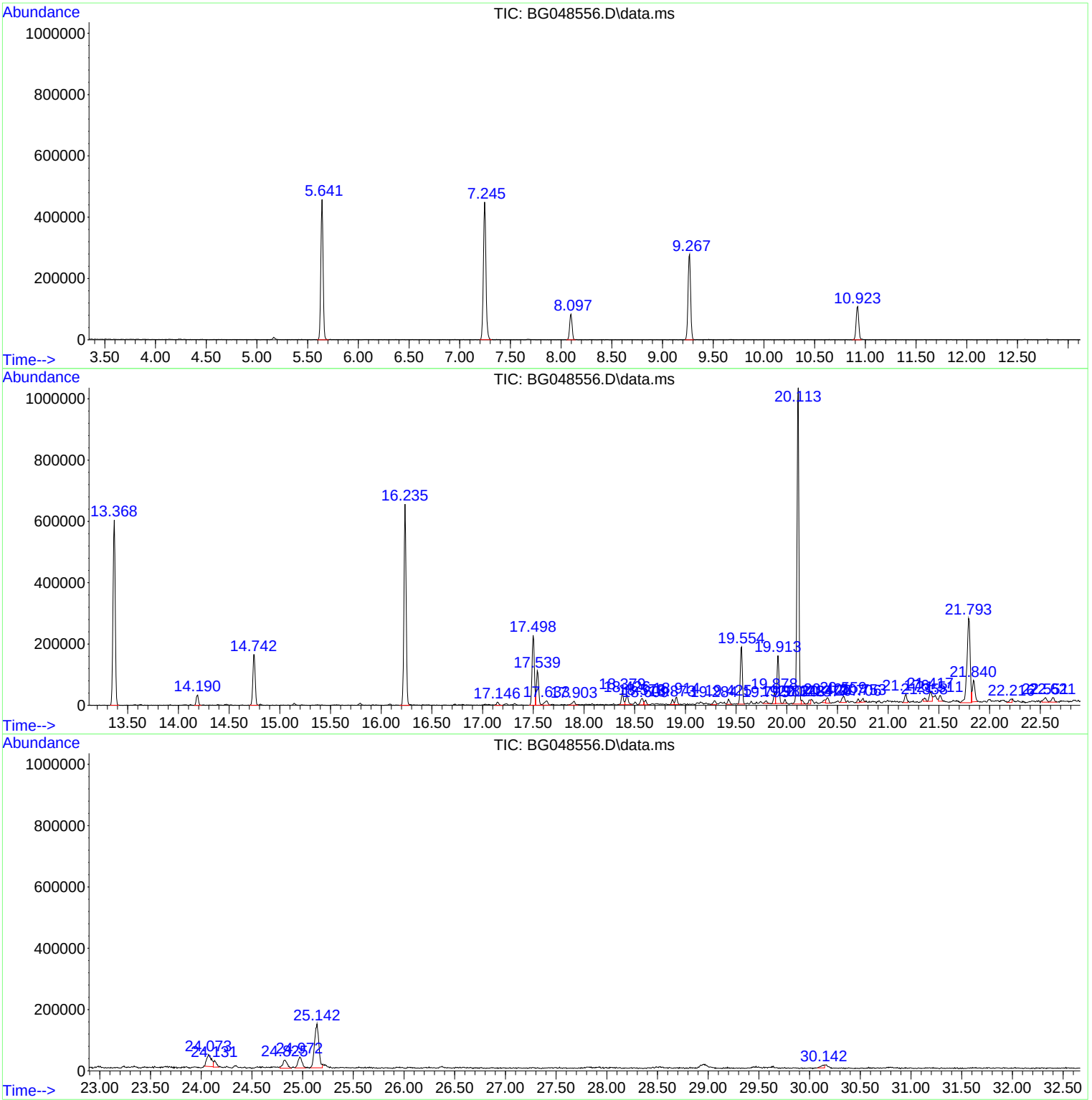
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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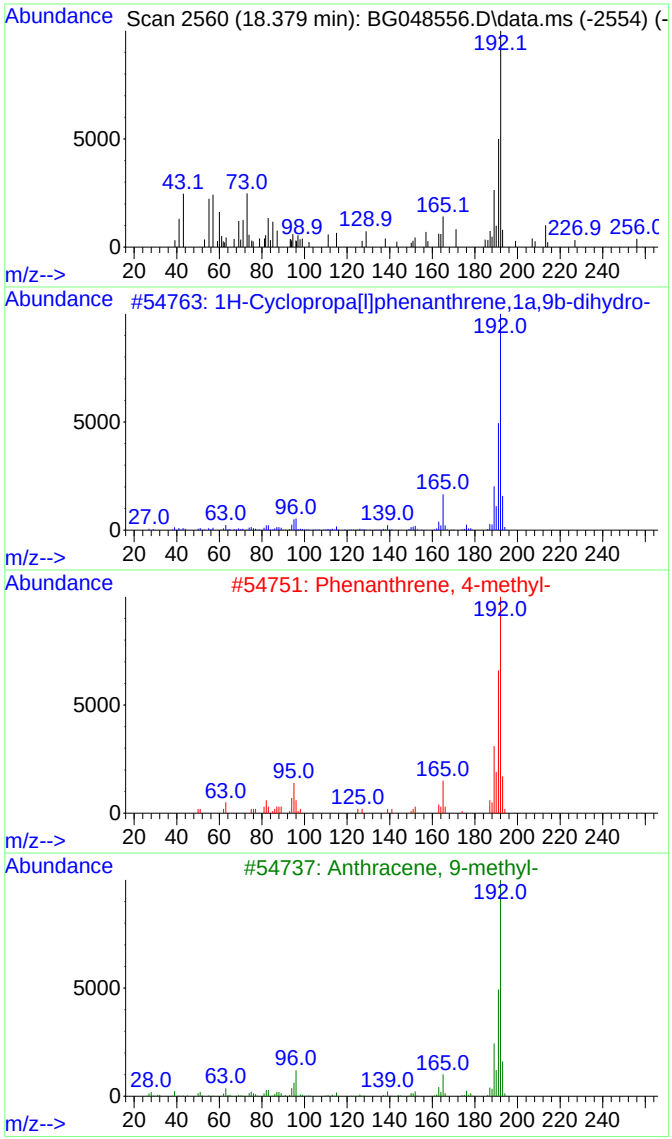
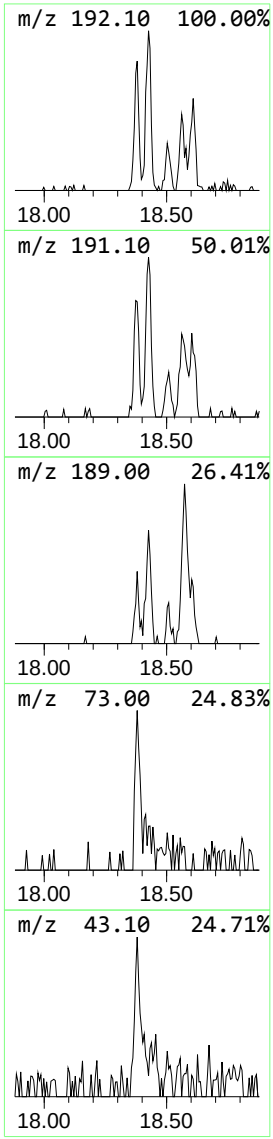
****
Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.379	3.17 ng	55852	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	58
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	53
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53





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Instrument : BNA_G
ClientSampleId : RO-124027

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

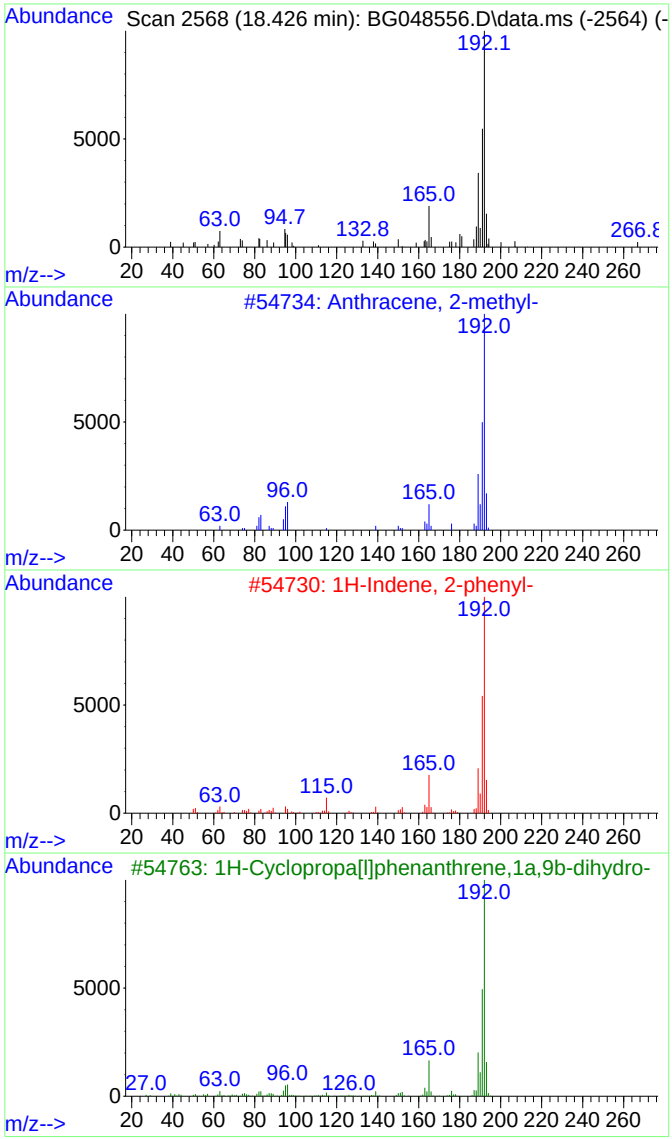
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

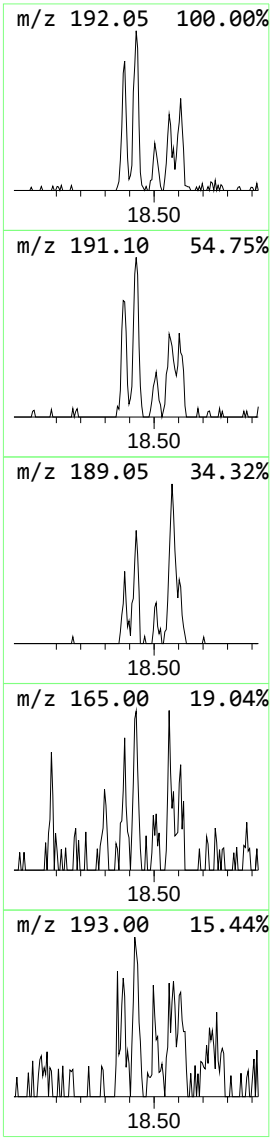
****

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.426	2.97 ng	52242	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	74
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	74





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Misc :
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Instrument : BNA_G
ClientSampleId : RO-124027

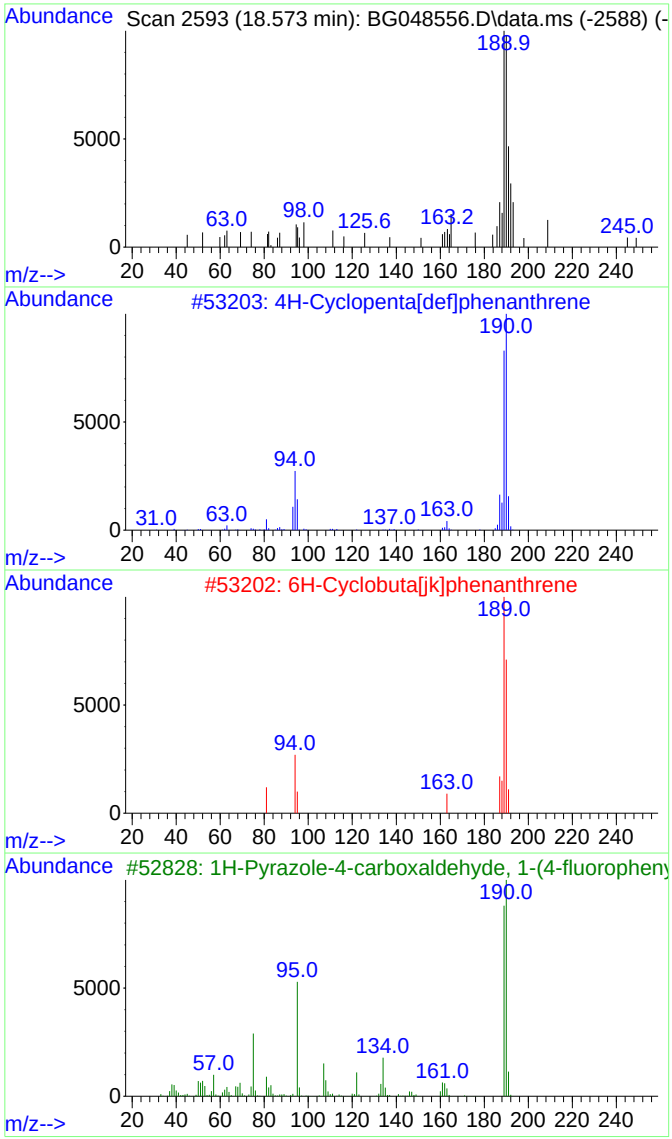
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

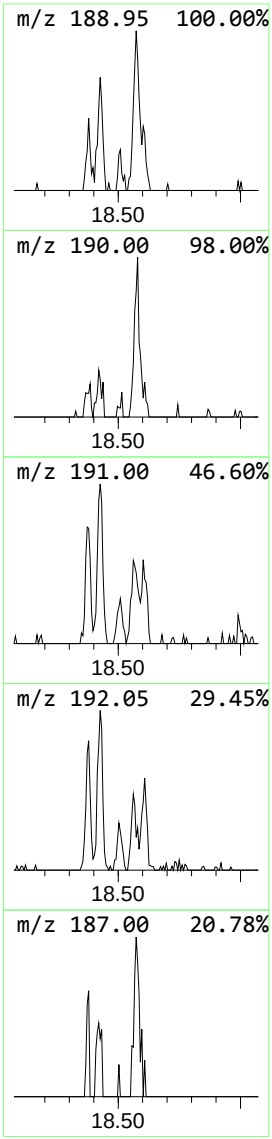
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.573	2.21 ng	38968	Phenanthrene-d10	17.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	1H-Pyrazole-4-carboxaldehyde, 1-...	190	C10H7FN2O	1000338-05-6	43
4	Cyclopenta[c]pyran-4-carboxylic ...	190	C11H10O3	063785-74-0	37
5	Propanoic acid, 2-(2,4-dichlorop...	378	C15H10Cl4O3	284488-02-4	32





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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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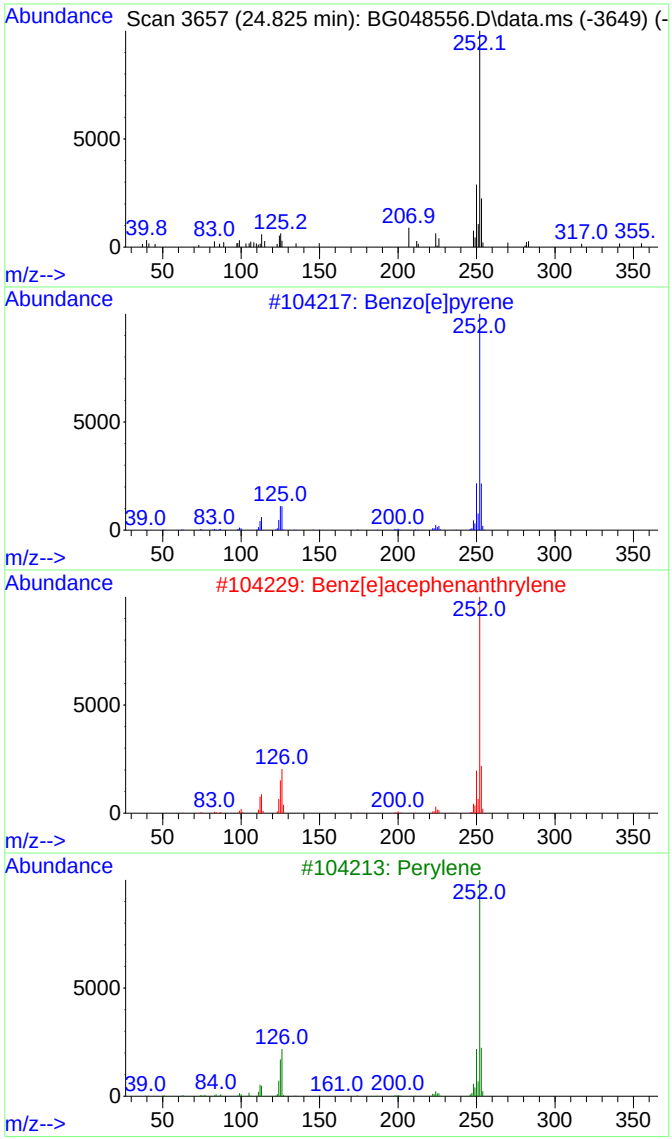
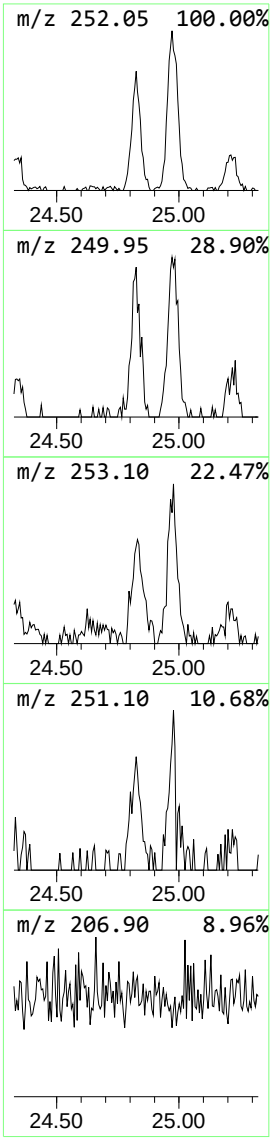
Peak Number 4 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.825	3.97 ng	83655	Perylene-d12	25.142

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	74
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	72
3	Perylene	252	C20H12	000198-55-0	64
4	Benzo[a]pyrene	252	C20H12	000050-32-8	64
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	64





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Cyclopropa[l...	18.379	3.2	ng	55852	4	17.498	352294	20.0
Anthracene, 2-m...	18.426	3.0	ng	52242	4	17.498	352294	20.0
4H-Cyclopenta[d...	18.573	2.2	ng	38968	4	17.498	352294	20.0
Benzo[e]pyrene	24.825	4.0	ng	83655	6	25.142	421395	20.0