LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
Data File : BG054371.D
Acq On : 22 Jul 2022 22:52
Operator : CG/JU
Sample : N3833-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-072122

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054371.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.568	365	371	381	rVB	46195	80691	13.21%	1.906%
2	7.178	638	645	655	rBV2	58354	108311	17.73%	2.559%
3	7.995	777	784	793	rBB	81941	146097	23.92%	3.451%
4	9.158	975	982	992	rBB	41471	78234	12.81%	1.848%
5	10.803	1254	1262	1270	rBV	103800	199429	32.65%	4.711%
6	13.248	1672	1678	1687	rBB	143158	224893	36.82%	5.313%
7	14.517	1890	1894	1900	rVB	4753	6832	1.12%	0.161%
8	14.628	1902	1913	1920	rVV	183274	296980	48.62%	7.016%
9	14.693	1920	1924	1930	rVB	9771	14913	2.44%	0.352%
10	15.028	1975	1981	1986	rVB	7447	12439	2.04%	0.294%
11	15.463	2050	2055	2060	rVB3	4903	7209	1.18%	0.170%
12	15.674	2085	2091	2101	rBV3	12096	22777	3.73%	0.538%
13	15.880	2120	2126	2130	rVB4	3272	6154	1.01%	0.145%
14	15.962	2137	2140	2146	rVB5	3639	6708	1.10%	0.158%
15	16.115	2157	2166	2175	rBV	78663	131031	21.45%	3.095%
16	16.326	2198	2202	2204	rBV2	8018	9803	1.60%	0.232%
17	16.350	2204	2206	2211	rVB5	7481	9166	1.50%	0.217%
18	16.673	2257	2261	2266	rBV4	5670	8858	1.45%	0.209%
19	16.726	2266	2270	2274	rVB5	5131	8523	1.40%	0.201%
20	16.832	2285	2288	2293	rVB6	4041	6878	1.13%	0.162%
21	16.902	2293	2300	2301	rBV5	3677	6657	1.09%	0.157%
22	17.025	2318	2321	2326	rVB3	4901	6711	1.10%	0.159%
23	17.119	2333	2337	2342	rVV6	9368	12596	2.06%	0.298%
24	17.190	2343	2349	2355	rVB2	9738	23928	3.92%	0.565%
25	17.372	2373	2380	2384	rBV	235904	373300	61.12%	8.818%
26	17.413	2384	2387	2395	rVV	120497	180256	29.51%	4.258%
27	17.507	2398	2403	2408	rVV	22937	36659	6.00%	0.866%
28	17.572	2409	2414	2419	rVB8	5048	8702	1.42%	0.206%
29	17.778	2446	2449	2454	rVB	7417	10748	1.76%	0.254%
30	17.860	2460	2463	2465	rBV4	10223	11822	1.94%	0.279%
31	17.954	2475	2479	2486	rBV	10025	18415	3.01%	0.435%
32	18.030	2489	2492	2496	rVB5	7388	8673	1.42%	0.205%
33	18.101	2499	2504	2507	rBV3	9475	17889	2.93%	0.423%
34	18.177	2513	2517	2520	rBV6	5245	8402	1.38%	0.198%
35	18.253	2525	2530	2534	rBV	30411	52873	8.66%	1.249%
36	18.300	2534	2538	2544	rVB	37046	55363	9.06%	1.308%

LSC Area Percent Report

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Acq On : 22 Jul 2022 22:52
Operator : CG/JU
Sample : N3833-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-072122

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-BG071522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.383	2548	2552	2557	rVB2	9196	14576	2.39%	0.344%
38	18.441	2557	2562	2566	rBV4	43709	86761	14.20%	2.050%
39	18.547	2576	2580	2586	rBV5	16505	28472	4.66%	0.673%
40	18.588	2586	2587	2592	rVV5	7216	8101	1.33%	0.191%
41	18.641	2592	2596	2602	rBV4	13380	24754	4.05%	0.585%
42	18.741	2610	2613	2617	rBV	21310	26962	4.41%	0.637%
43	19.041	2662	2664	2667	rBV3	10860	10155	1.66%	0.240%
44	19.164	2681	2685	2689	rBV2	34283	59274	9.70%	1.400%
45	19.299	2706	2708	2713	rBV4	14318	27231	4.46%	0.643%
46	19.429	2724	2730	2735	rBV	222764	342806	56.12%	8.098%
47	19.758	2782	2786	2787	rBV2	52275	65810	10.77%	1.555%
48	19.787	2787	2791	2800	rVB	240651	371284	60.79%	8.771%
49	19.981	2819	2824	2829	rVB	260390	337259	55.22%	7.967%
50	21.638	3099	3106	3111	rBV3	281276	610804	100.00%	14.429%

Sum of corrected areas: 4233169

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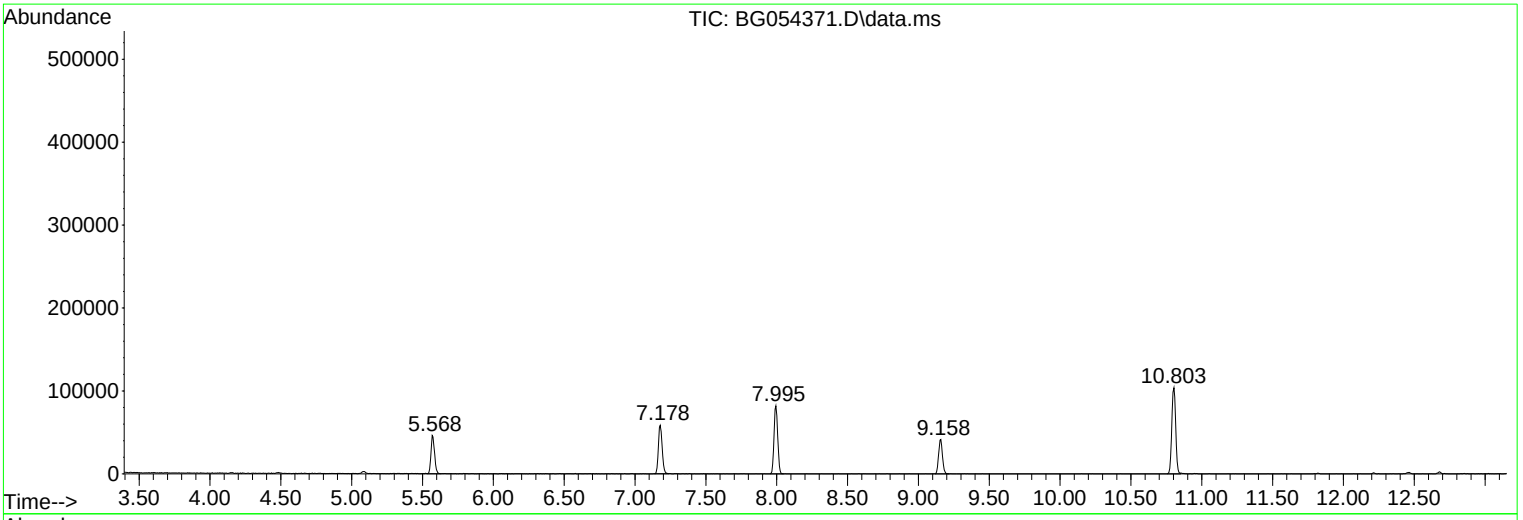
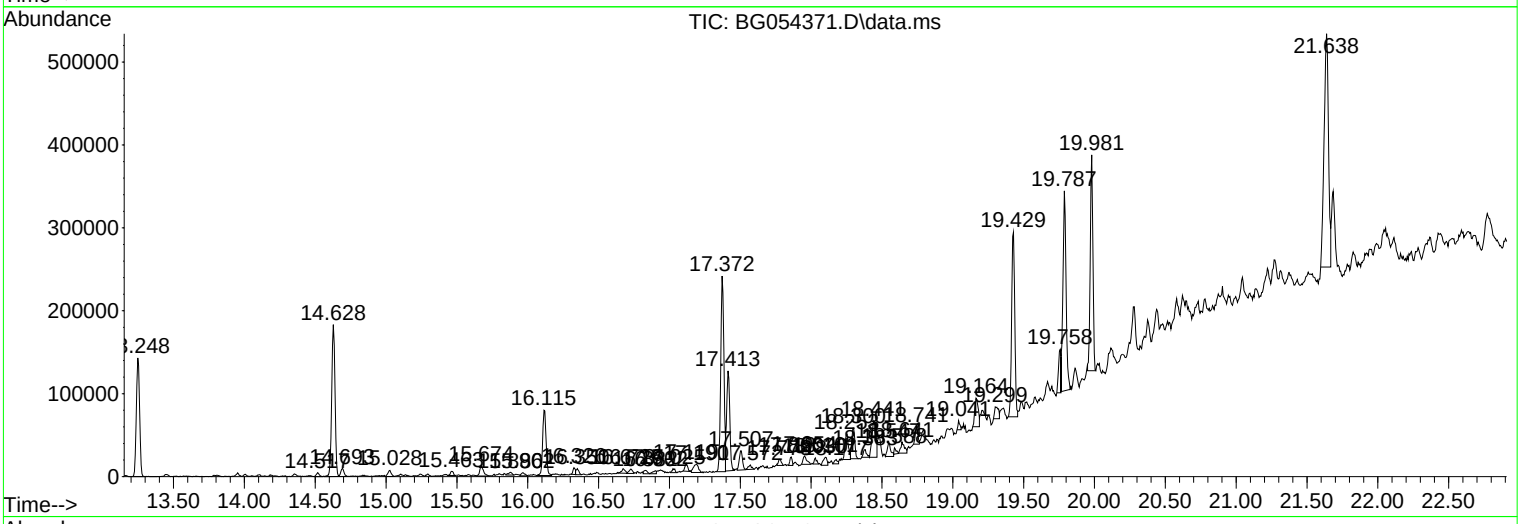
ALS Vial : 16 Sample Multiplier: 1

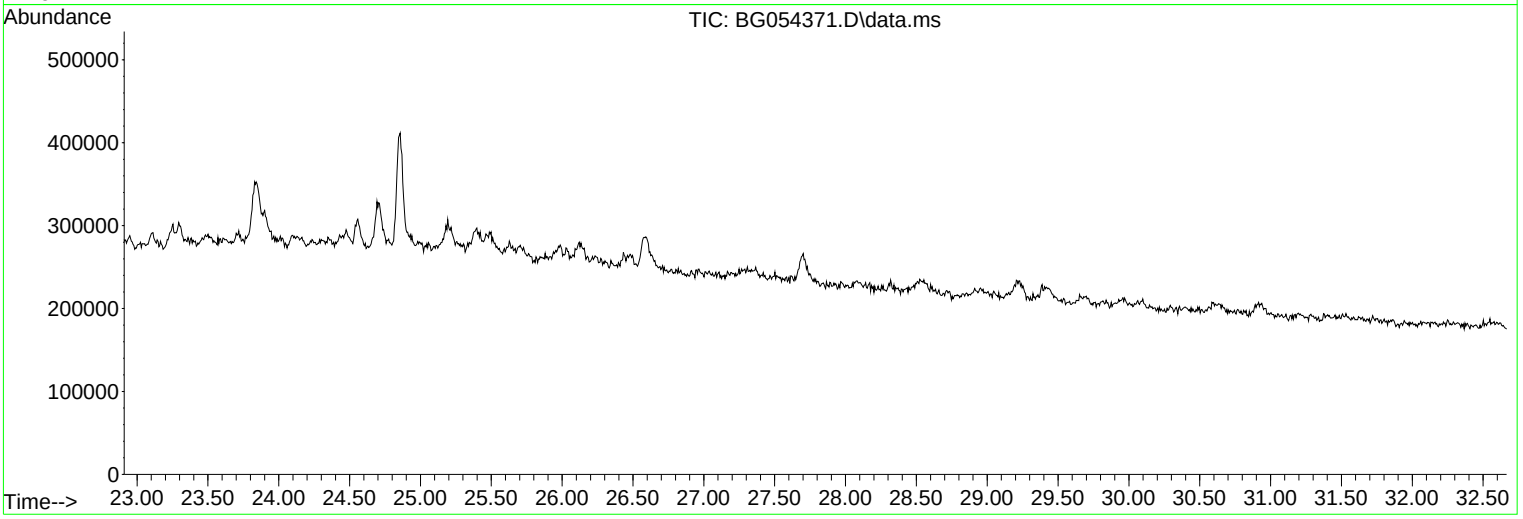
Instrument :
BNA_G
ClientSampleId :
OR-03-072122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.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_G\Data\BG072222\
Data File : BG054371.D
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Sample : N3833-01
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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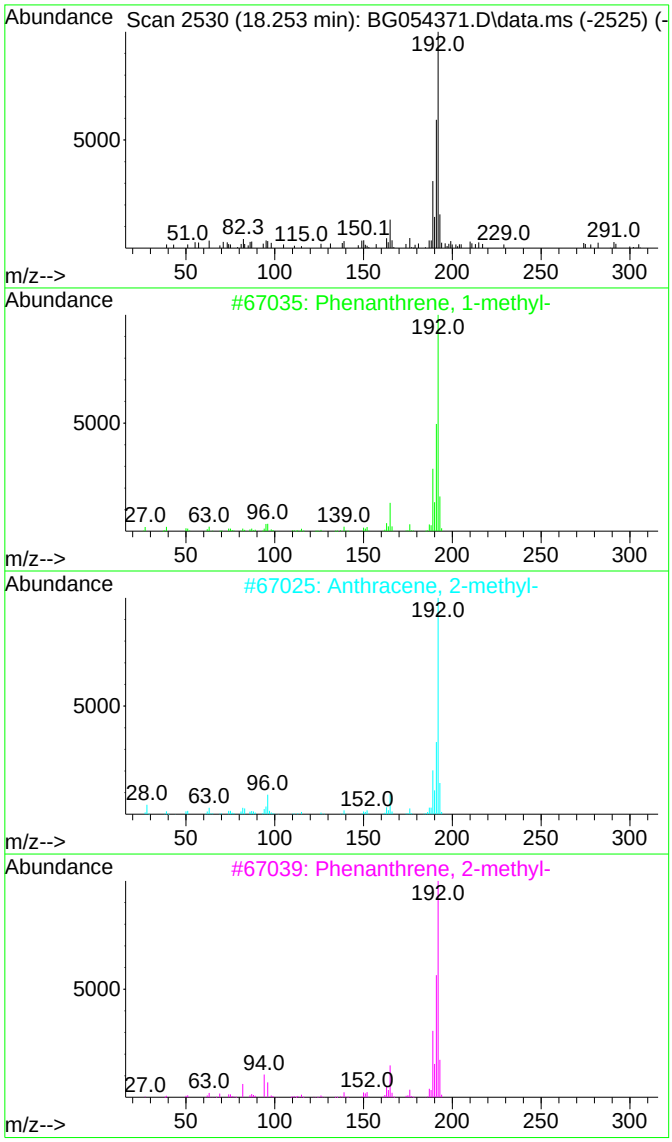
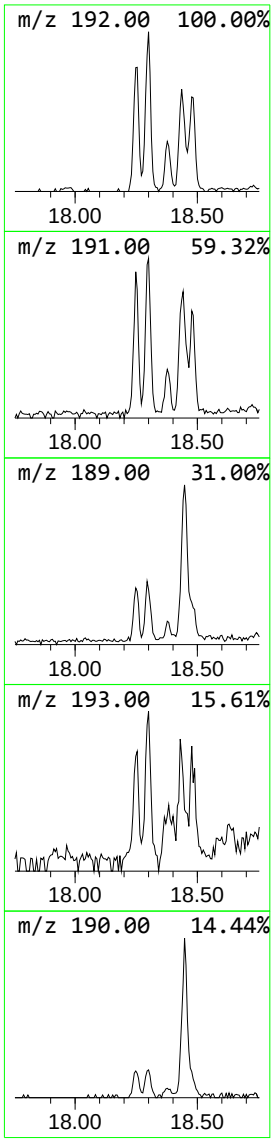
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.253	2.83 ng	52873	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Instrument :
BNA_G
ClientSampleId :
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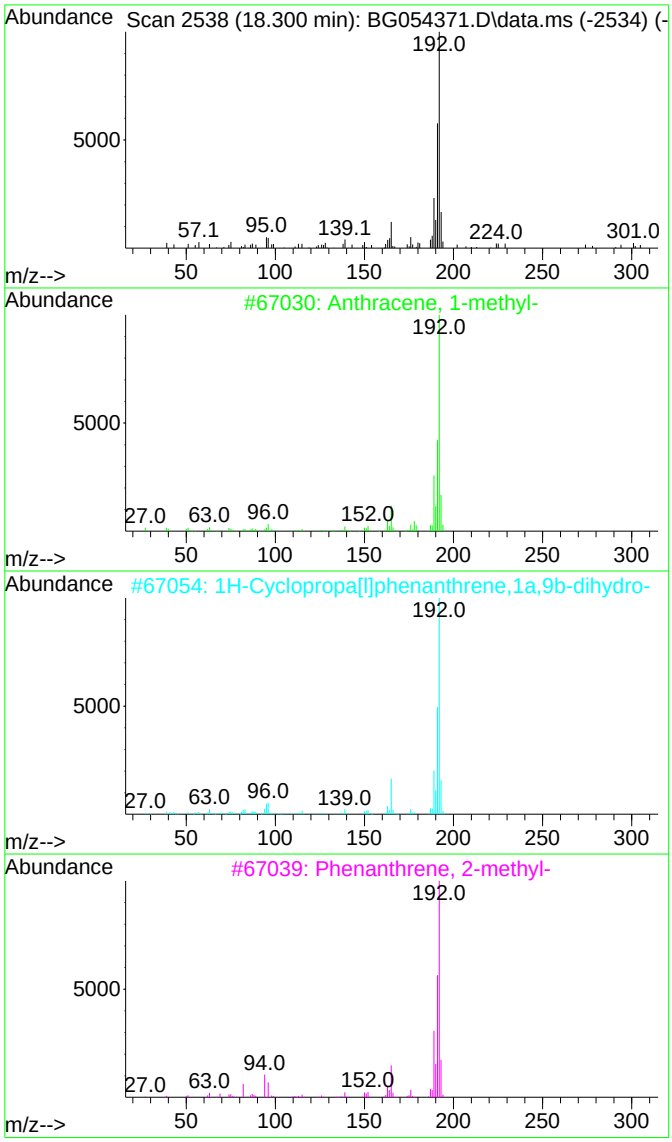
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

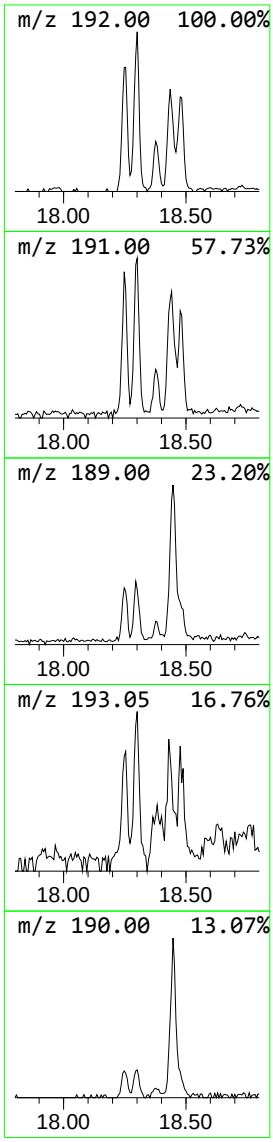
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	2.97 ng	55363	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072222\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
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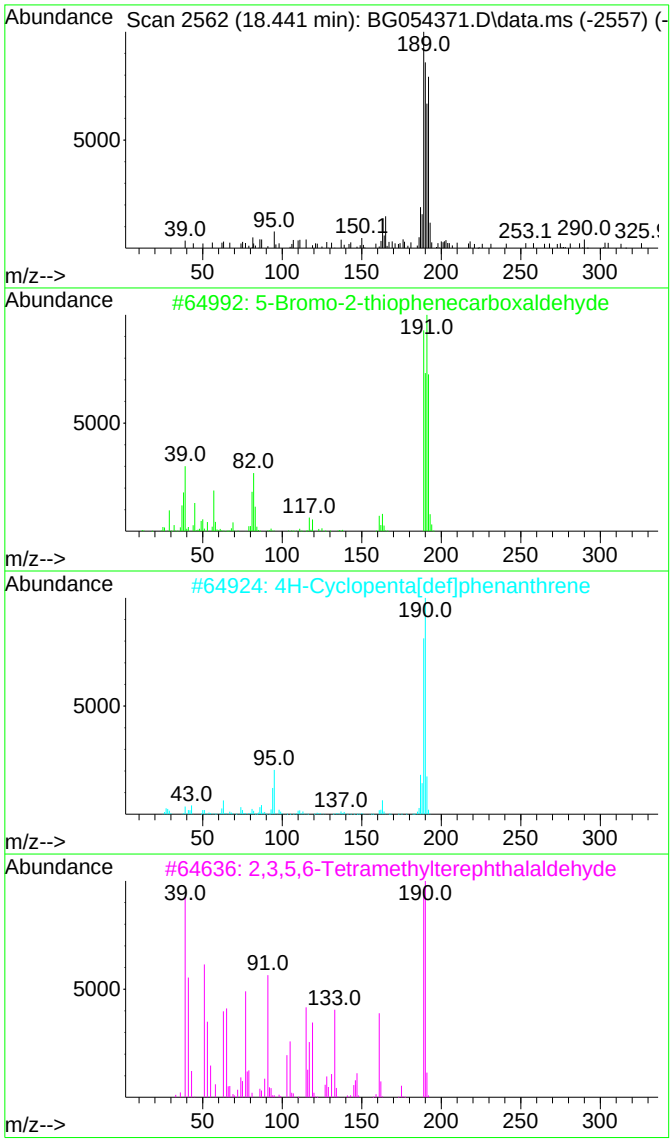
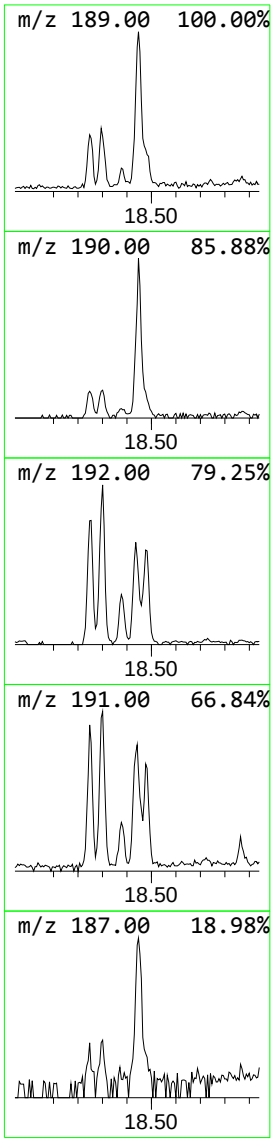
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 5-Bromo-2-thiophenecarboxal... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.442	4.65 ng	86761	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	5-Amino-3-bromo-2-fluoropyridine	190	C5H4BrFN2	209328-99-4	43
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	41





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Instrument :
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ClientSampleId :
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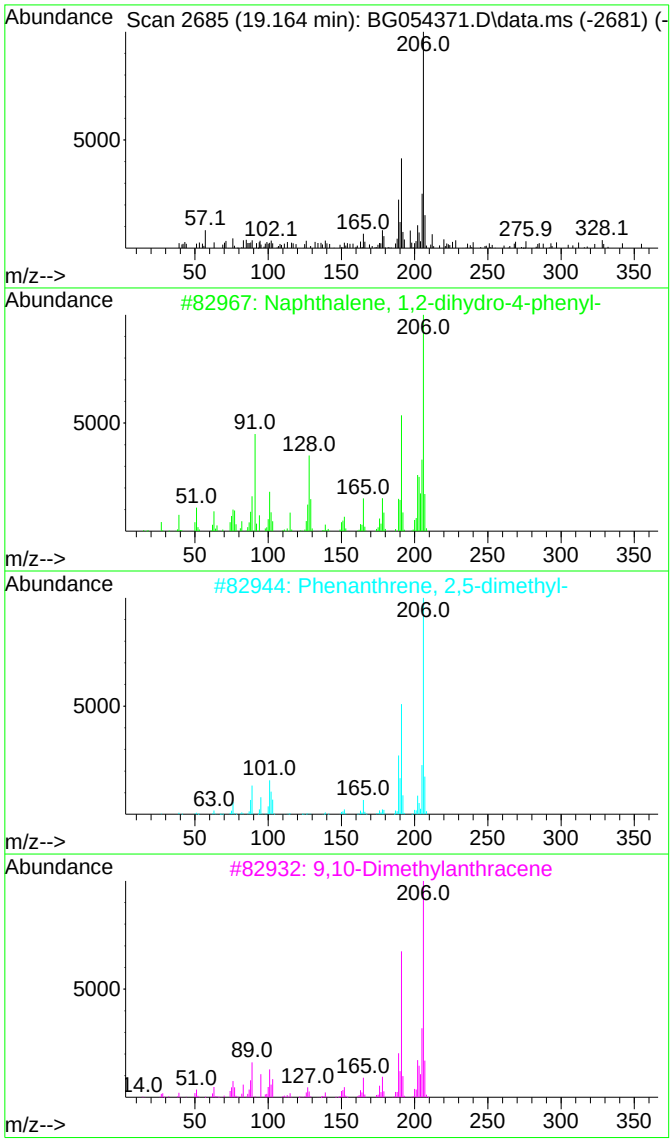
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

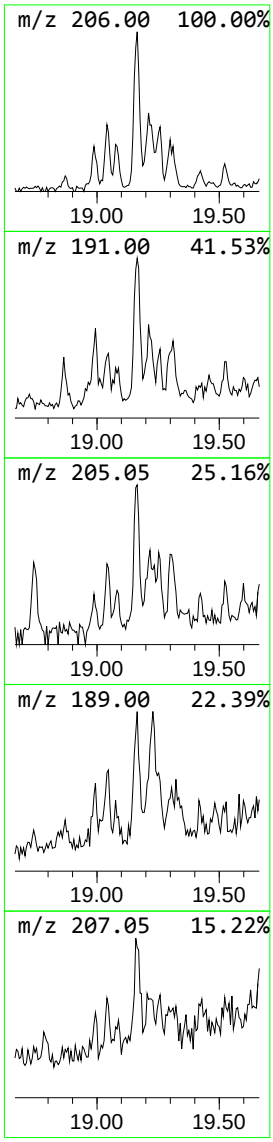
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2-dihydro-4-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.164	3.18 ng	59274	Phenanthrene-d10	17.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76





Tentatively Identified Compound (LSC) summary

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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...	18.253	2.8	ng	52873	4	17.372	373300	20.0
Anthracene, 1-m...	18.301	3.0	ng	55363	4	17.372	373300	20.0
5-Bromo-2-thiop...	18.442	4.7	ng	86761	4	17.372	373300	20.0
Naphthalene, 1,...	19.164	3.2	ng	59274	4	17.372	373300	20.0