LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
Data File : BG054949.D
Acq On : 14 Sep 2022 18:46
Operator : CG/JU
Sample : N4591-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054949.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.674	400	406	417	rVB	110202	186452	17.93%	2.308%
2	7.289	670	681	693	rBV	111241	205926	19.80%	2.550%
3	8.136	817	825	838	rBV	171687	291193	28.00%	3.605%
4	9.311	1018	1025	1034	rBV	66593	125702	12.09%	1.556%
5	10.709	1258	1263	1272	rBV	12340	24847	2.39%	0.308%
6	10.962	1298	1306	1313	rBV	236728	426812	41.04%	5.284%
7	13.394	1713	1720	1727	rBV	217004	333353	32.06%	4.127%
8	14.093	1833	1839	1844	rBV3	5648	11073	1.06%	0.137%
9	14.499	1900	1908	1916	rBV2	9031	17618	1.69%	0.218%
10	14.775	1944	1955	1961	rBV	364413	601621	57.85%	7.448%
11	14.834	1961	1965	1970	rVB2	9036	13807	1.33%	0.171%
12	15.163	2013	2021	2029	rVB3	6863	13894	1.34%	0.172%
13	15.815	2127	2132	2139	rBV2	12648	23442	2.25%	0.290%
14	16.261	2202	2208	2216	rBV	120218	198191	19.06%	2.454%
15	16.461	2235	2242	2251	rBV8	7958	23694	2.28%	0.293%
16	16.808	2294	2301	2303	rBV5	6916	13242	1.27%	0.164%
17	17.043	2332	2341	2346	rBV7	6438	16795	1.62%	0.208%
18	17.237	2369	2374	2380	rBV3	8147	15322	1.47%	0.190%
19	17.342	2386	2392	2399	rVB	8642	14686	1.41%	0.182%
20	17.519	2415	2422	2427	rBV	430487	709076	68.19%	8.779%
21	17.560	2427	2429	2436	rVV	134872	187711	18.05%	2.324%
22	17.654	2440	2445	2450	rVV	35282	54822	5.27%	0.679%
23	17.930	2485	2492	2497	rBV4	8790	23396	2.25%	0.290%
24	17.977	2497	2500	2506	rVV6	7127	11400	1.10%	0.141%
25	18.100	2517	2521	2526	rVV2	11918	17932	1.72%	0.222%
26	18.247	2541	2546	2550	rVB	7260	12266	1.18%	0.152%
27	18.394	2566	2571	2575	rBV	36316	55061	5.29%	0.682%
28	18.447	2575	2580	2586	rVB	48139	76722	7.38%	0.950%
29	18.523	2588	2593	2598	rBV2	19247	29266	2.81%	0.362%
30	18.594	2598	2605	2608	rBV2	48948	98923	9.51%	1.225%
31	18.623	2608	2610	2615	rVB	25310	33008	3.17%	0.409%
32	18.682	2615	2620	2625	rBV5	11173	23493	2.26%	0.291%
33	18.888	2650	2655	2659	rBV2	28469	43665	4.20%	0.541%
34	18.941	2661	2664	2672	rVB5	14649	23316	2.24%	0.289%
35	19.105	2688	2692	2693	rBV4	8740	10598	1.02%	0.131%
36	19.129	2693	2696	2700	rVB	14472	18531	1.78%	0.229%

LSC Area Percent Report

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Sample : N4591-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

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-BG082522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.181	2701	2705	2708	rBV	16552	22107	2.13%	0.274%
38	19.223	2708	2712	2716	rVB	12307	16967	1.63%	0.210%
39	19.299	2720	2725	2729	rBV2	45077	77891	7.49%	0.964%
40	19.452	2746	2751	2754	rBV3	17403	33248	3.20%	0.412%
41	19.569	2765	2771	2776	rBV	321113	464428	44.66%	5.750%
42	19.622	2778	2780	2783	rVB3	9289	10492	1.01%	0.130%
43	19.716	2793	2796	2799	rBV2	12000	14929	1.44%	0.185%
44	19.898	2823	2827	2828	rBV	48952	59023	5.68%	0.731%
45	19.933	2828	2833	2840	rVV	312806	474120	45.59%	5.870%
46	19.998	2840	2844	2849	rVB	28797	40644	3.91%	0.503%
47	20.116	2859	2864	2869	rBV	359334	451630	43.43%	5.591%
48	20.262	2882	2889	2893	rVB3	27297	65877	6.33%	0.816%
49	20.415	2913	2915	2922	rVB	57115	74176	7.13%	0.918%
50	20.515	2929	2932	2936	rBV	37192	43013	4.14%	0.533%
51	20.580	2940	2943	2946	rVB	37391	44784	4.31%	0.554%
52	20.715	2964	2966	2970	rVV	27664	31909	3.07%	0.395%
53	20.762	2972	2974	2984	rVB3	34129	59291	5.70%	0.734%
54	21.814	3144	3153	3158	rBV2	464016	1039924	100.00%	12.875%
55	21.861	3158	3161	3170	rVB	130037	212556	20.44%	2.632%
56	24.111	3539	3544	3553	rBV2	57490	164555	15.82%	2.037%
57	25.192	3719	3728	3738	rBV2	238396	688679	66.22%	8.526%

Sum of corrected areas: 8077099

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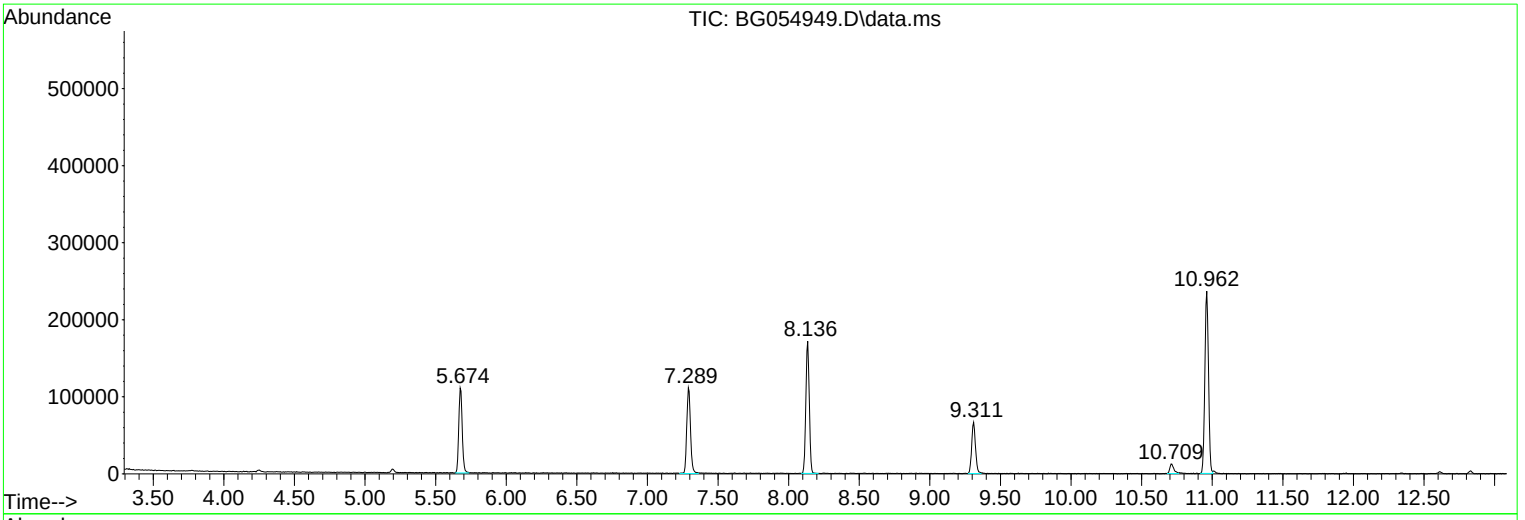
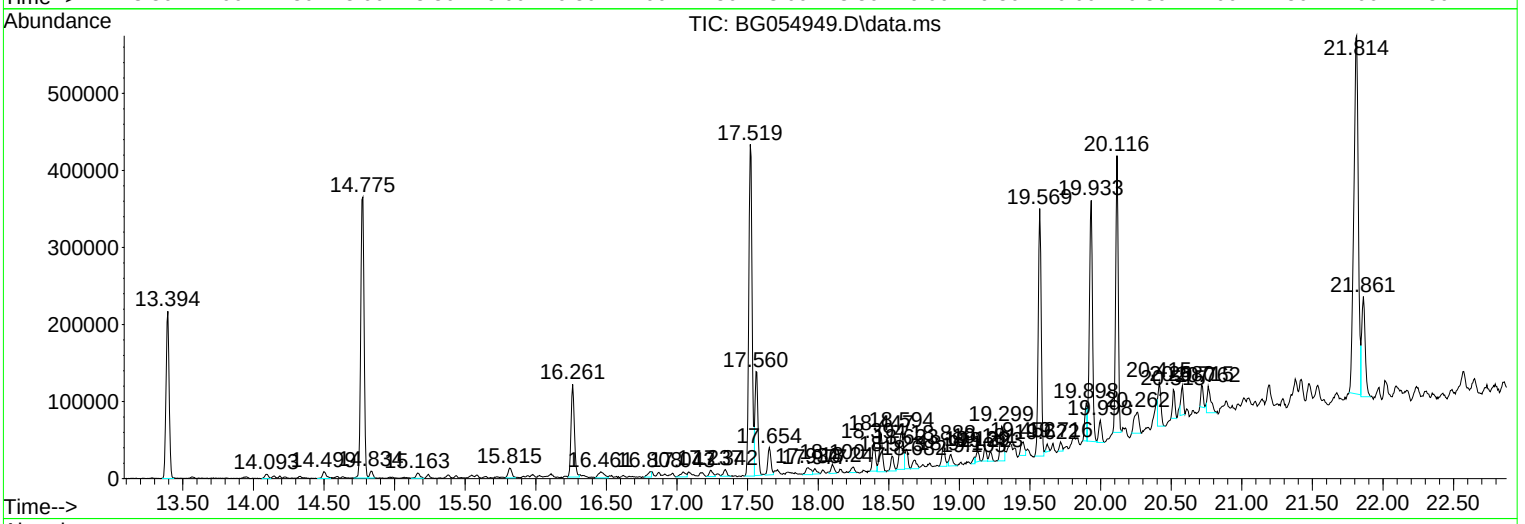
Misc :
ALS Vial : 12 Sample Multiplier: 1

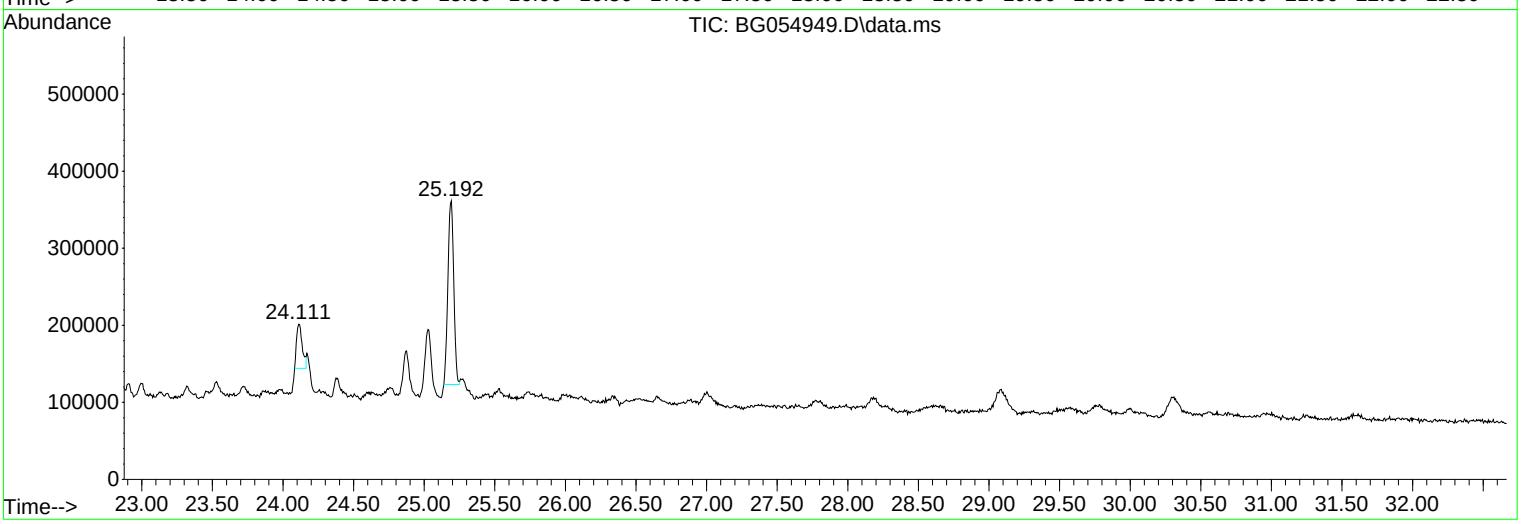
Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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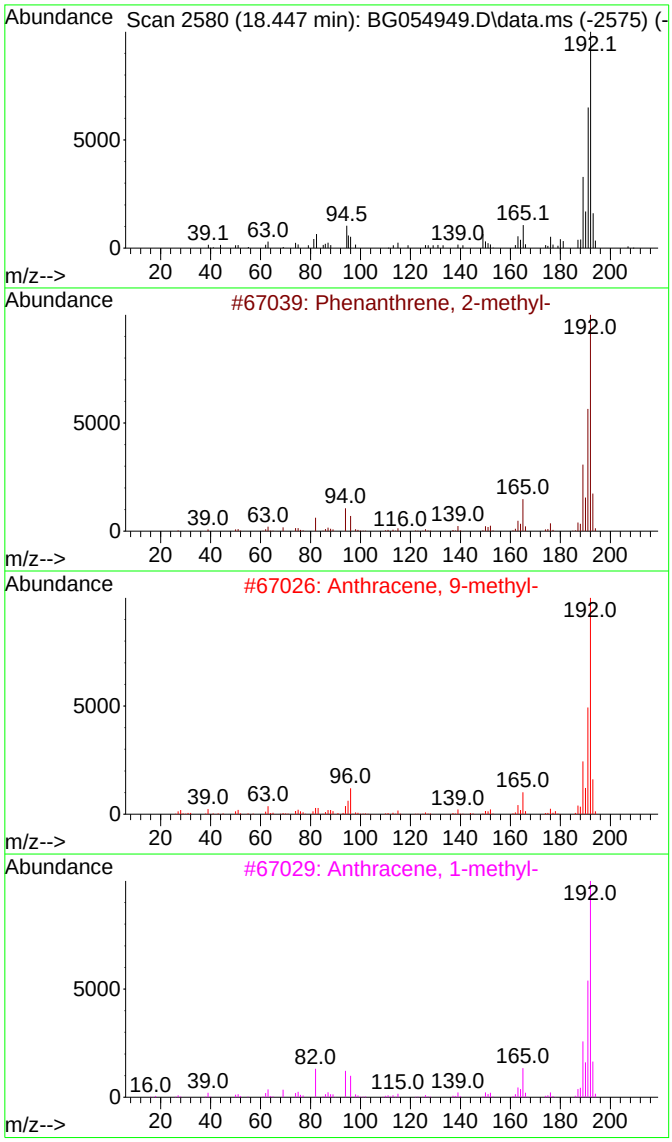
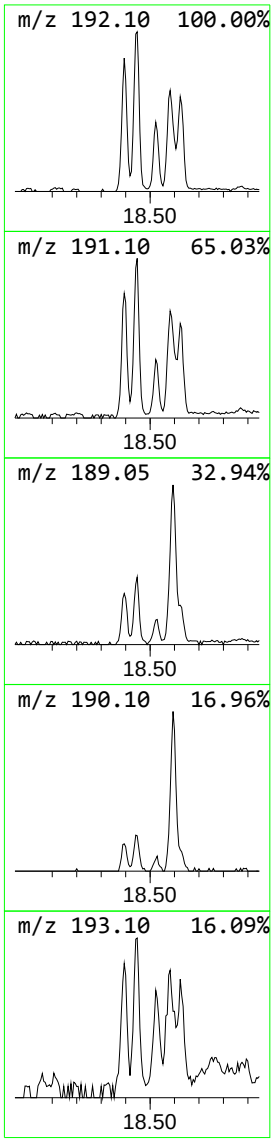
****

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.447	2.16 ng	76722	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89





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Data File : BG054949.D
Acq On : 14 Sep 2022 18:46
Operator : CG/JU
Sample : N4591-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

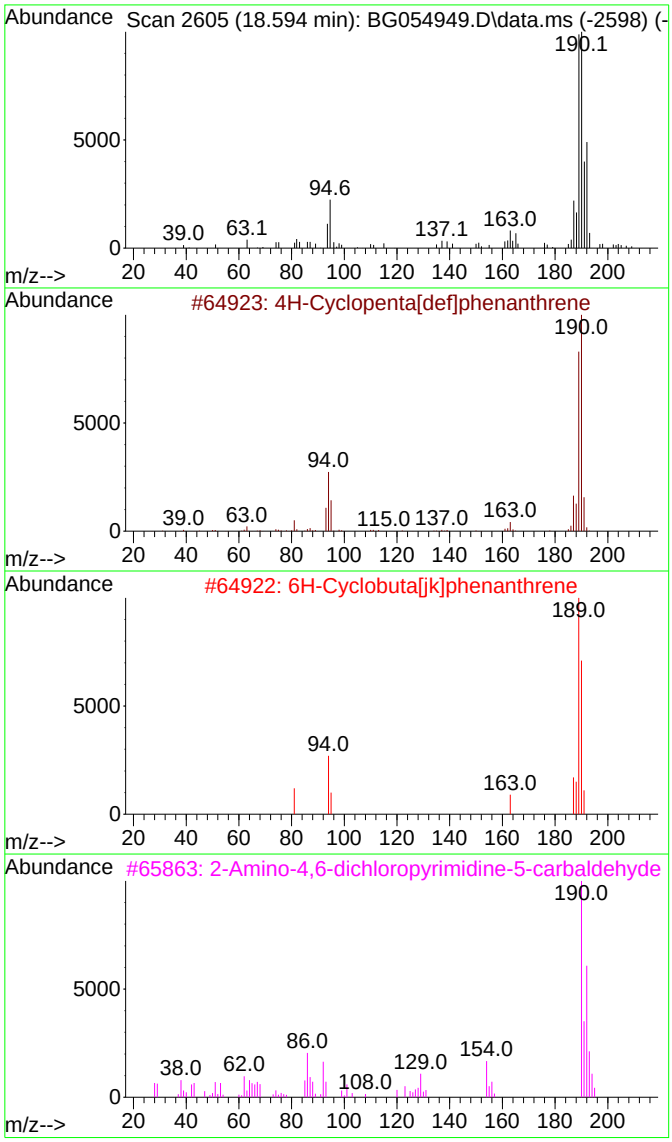
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

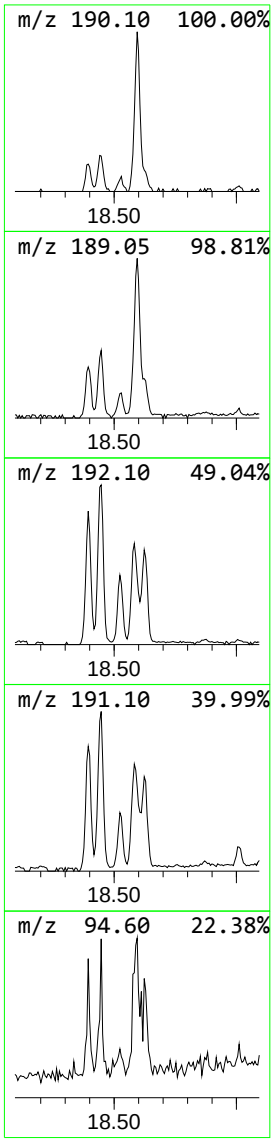
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	2.79 ng	98923	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	Methyl diselenide	190	C2H6Se2	007101-31-7	35





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Operator : CG/JU
Sample : N4591-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-091222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.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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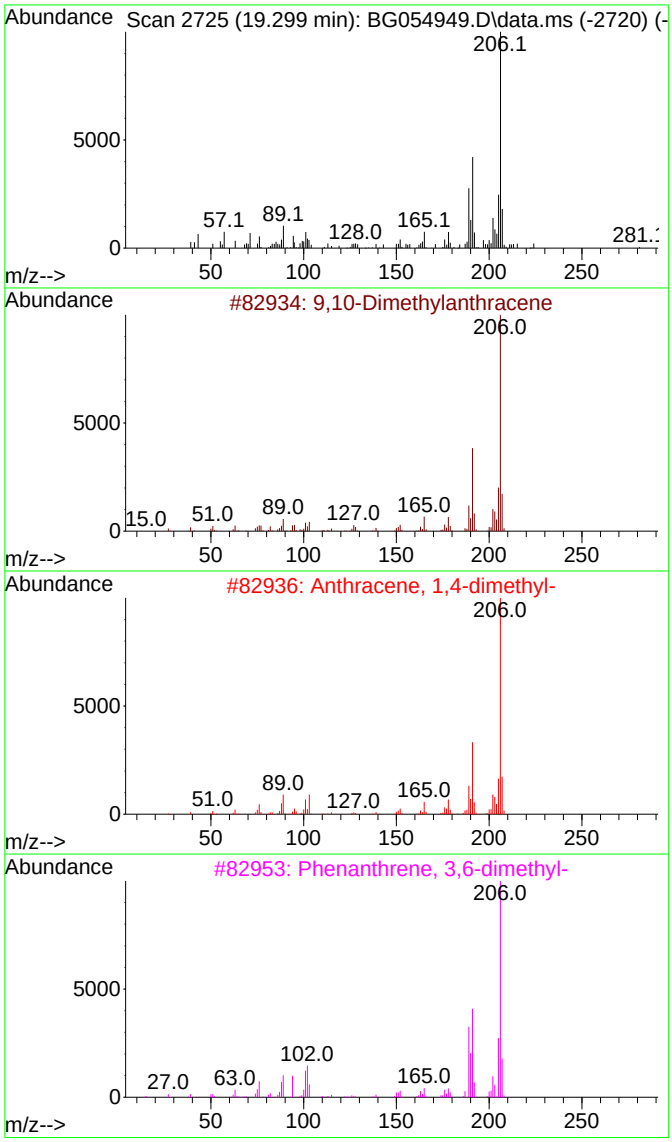
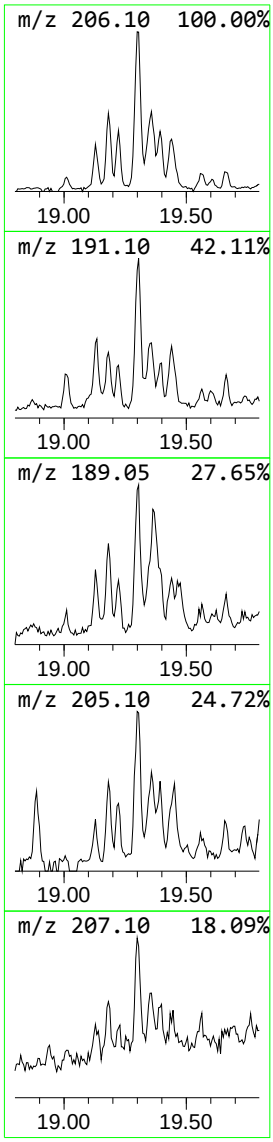
Peak Number 3 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.299	2.20 ng	77891	Phenanthrene-d10	17.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091422\
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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, 2...	18.447	2.2	ng	76722	4	17.519	709076	20.0
4H-Cyclopenta[d...	18.594	2.8	ng	98923	4	17.519	709076	20.0
9,10-Dimethylan...	19.299	2.2	ng	77891	4	17.519	709076	20.0