LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
Data File : BG055882.D
Acq On : 2 Dec 2022 20:31
Operator : CG/JU
Sample : N5845-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-03-120122

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055882.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.247	327	333	341	rBV	42724	64718	7.59%	0.885%
2	5.734	409	416	425	rBV	120520	202441	23.76%	2.770%
3	7.350	684	691	705	rBV	120229	220332	25.86%	3.014%
4	8.196	829	835	842	rBV	174983	302018	35.44%	4.132%
5	9.371	1028	1035	1046	rVB	76055	142238	16.69%	1.946%
6	11.028	1310	1317	1323	rBV	253890	443975	52.10%	6.074%
7	11.075	1323	1325	1332	rVB	12410	18247	2.14%	0.250%
8	12.667	1591	1596	1605	rVB	8379	13463	1.58%	0.184%
9	12.885	1629	1633	1641	rVB	8682	14231	1.67%	0.195%
10	13.449	1723	1729	1735	rBV	211905	308037	36.15%	4.214%
11	13.619	1752	1758	1762	rBV2	6274	9796	1.15%	0.134%
12	14.148	1842	1848	1853	rBV3	9253	16457	1.93%	0.225%
13	14.553	1913	1917	1924	rVB3	5449	9336	1.10%	0.128%
14	14.689	1936	1940	1949	rVB	8147	11315	1.33%	0.155%
15	14.824	1949	1963	1970	rBV	375491	602638	70.72%	8.245%
16	14.888	1970	1974	1981	rVB	20866	33152	3.89%	0.454%
17	15.223	2024	2031	2037	rVB2	17087	27563	3.23%	0.377%
18	15.634	2098	2101	2106	rVB3	10337	12332	1.45%	0.169%
19	15.870	2135	2141	2146	rBV	34892	54514	6.40%	0.746%
20	16.157	2187	2190	2196	rVB4	6412	10175	1.19%	0.139%
21	16.310	2211	2216	2225	rBV	136785	221238	25.96%	3.027%
22	16.492	2242	2247	2250	rBV3	9831	15914	1.87%	0.218%
23	16.868	2302	2311	2315	rBV5	7977	17883	2.10%	0.245%
24	17.285	2377	2382	2387	rVV2	12176	17350	2.04%	0.237%
25	17.338	2387	2391	2395	rVV4	5539	8873	1.04%	0.121%
26	17.385	2395	2399	2406	rVB	12750	21153	2.48%	0.289%
27	17.568	2423	2430	2434	rBV	463572	680773	79.89%	9.313%
28	17.609	2434	2437	2443	rVB	171892	251432	29.51%	3.440%
29	17.703	2448	2453	2458	rVV	41005	63675	7.47%	0.871%
30	17.756	2459	2462	2467	rVB3	5389	8834	1.04%	0.121%
31	17.967	2494	2498	2504	rBV	13430	22583	2.65%	0.309%
32	18.020	2504	2507	2513	rVB2	10543	14210	1.67%	0.194%
33	18.149	2524	2529	2534	rVB2	9402	13633	1.60%	0.187%
34	18.302	2548	2555	2559	rBV3	6821	14812	1.74%	0.203%
35	18.437	2571	2578	2582	rBV	38237	65719	7.71%	0.899%
36	18.484	2582	2586	2592	rVB	38763	62501	7.33%	0.855%

LSC Area Percent Report

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-120122

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.566	2595	2600	2605	rBV2	15378	22651	2.66%	0.310%
38	18.637	2605	2612	2615	rBV3	43545	81463	9.56%	1.114%
39	18.707	2621	2624	2627	rVB	11539	11084	1.30%	0.152%
40	18.778	2632	2636	2640	rBV7	5061	8907	1.05%	0.122%
41	18.884	2649	2654	2656	rBV5	5304	9781	1.15%	0.134%
42	18.931	2657	2662	2665	rVV	18912	28891	3.39%	0.395%
43	18.978	2667	2670	2677	rVB5	9219	18279	2.15%	0.250%
44	19.166	2700	2702	2708	rVB4	11179	13626	1.60%	0.186%
45	19.224	2708	2712	2715	rBV	14869	18748	2.20%	0.256%
46	19.260	2716	2718	2723	rVB2	10580	12491	1.47%	0.171%
47	19.336	2726	2731	2737	rBV3	41333	83424	9.79%	1.141%
48	19.483	2752	2756	2761	rBV4	11756	28778	3.38%	0.394%
49	19.612	2771	2778	2783	rBV	224138	336421	39.48%	4.602%
50	19.759	2799	2803	2806	rVB4	7952	11299	1.33%	0.155%
51	19.906	2825	2828	2830	rBV	12965	14052	1.65%	0.192%
52	19.935	2830	2833	2835	rVV2	35254	50247	5.90%	0.687%
53	19.971	2835	2839	2846	rVB	206095	295453	34.67%	4.042%
54	20.035	2847	2850	2855	rVB3	20204	28353	3.33%	0.388%
55	20.153	2865	2870	2875	rVB	317100	406416	47.69%	5.560%
56	20.435	2914	2918	2919	rBV2	38747	47030	5.52%	0.643%
57	20.552	2935	2938	2943	rVB2	31749	37484	4.40%	0.513%
58	20.611	2946	2948	2952	rVB	21980	28179	3.31%	0.386%
59	21.857	3152	3160	3165	rBV2	430841	852158	100.00%	11.658%
60	21.904	3165	3168	3172	rVB	68827	97398	11.43%	1.332%
61	25.235	3726	3735	3745	rVB2	247592	749368	87.94%	10.252%

Sum of corrected areas: 7309542

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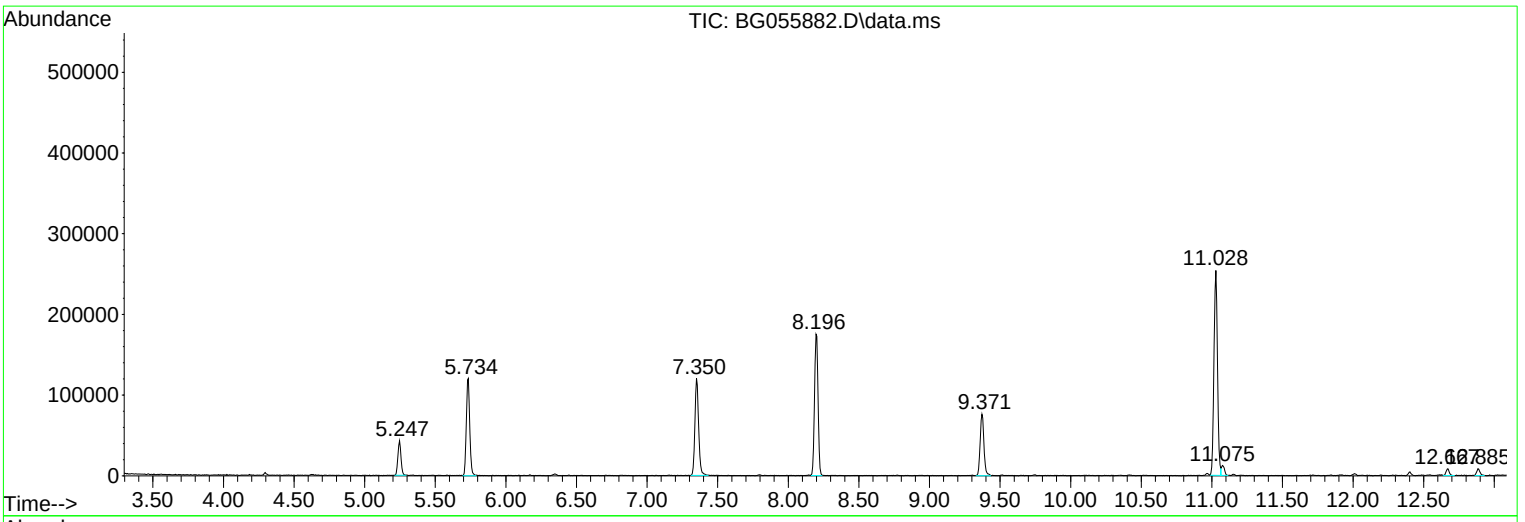
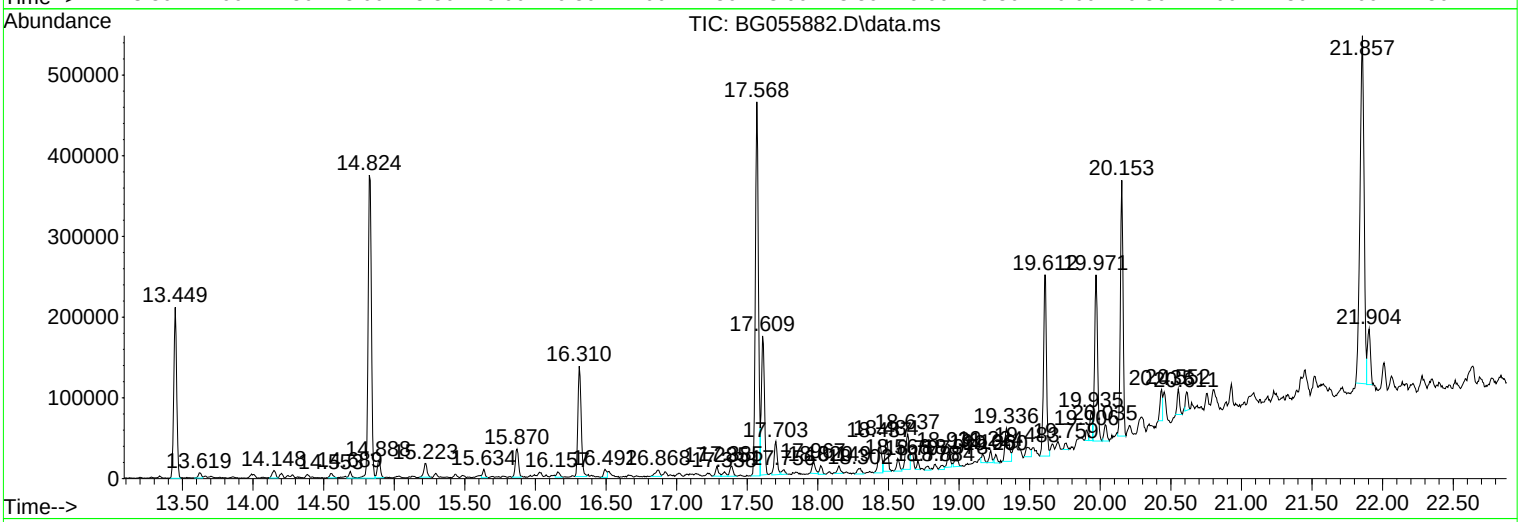
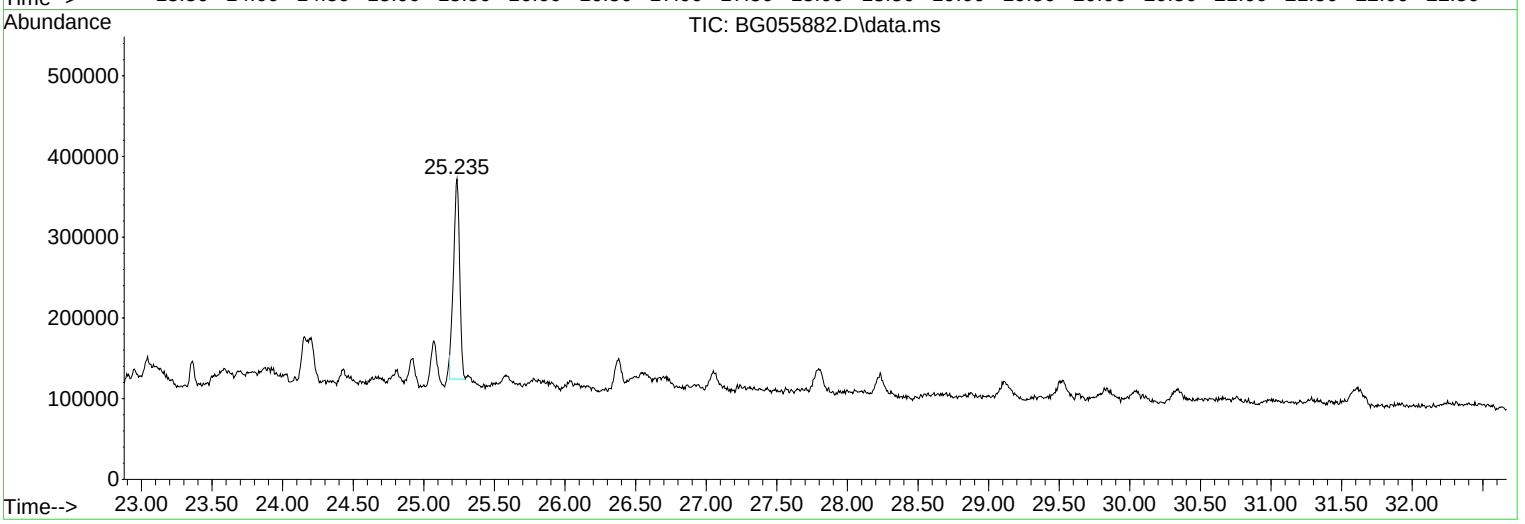
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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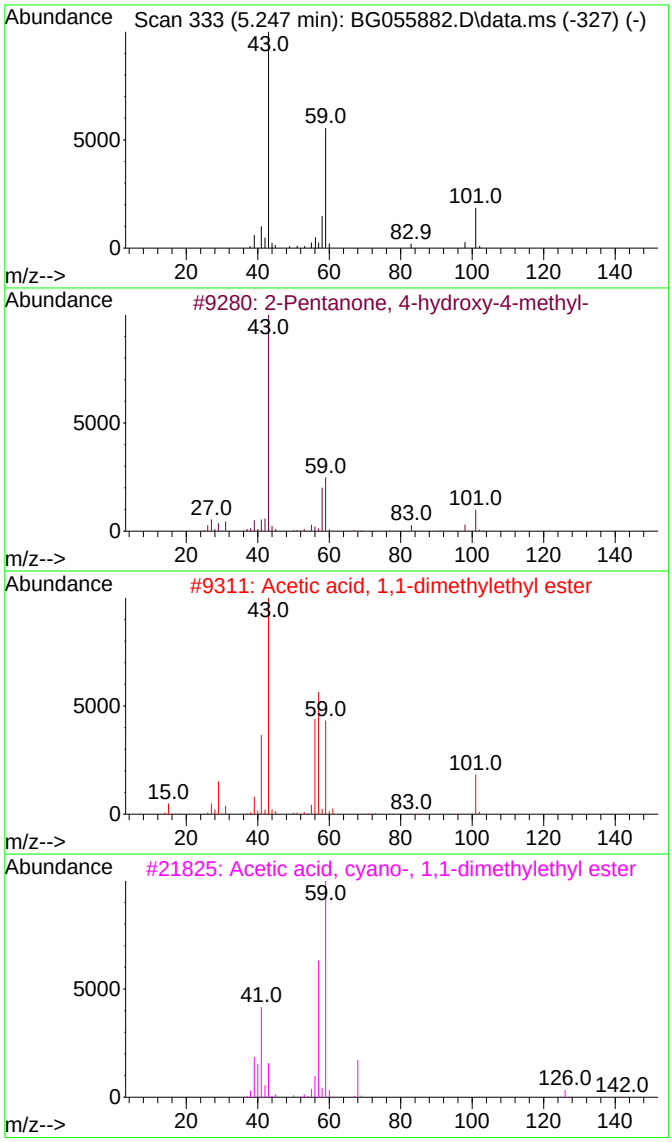
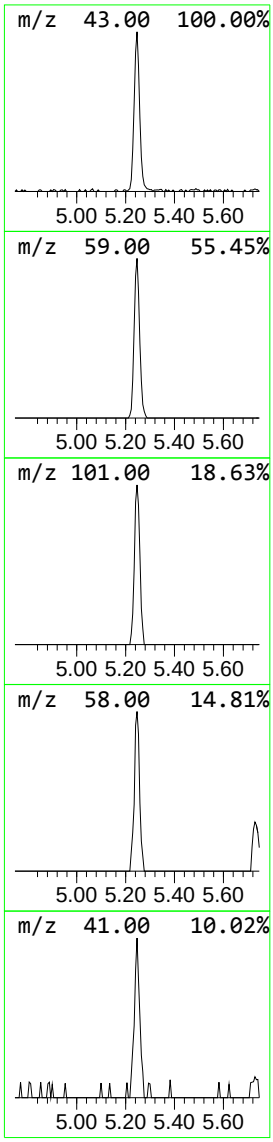
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.247	4.29 ng	64718	1,4-Dichlorobenzene-d4	8.202

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-120122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

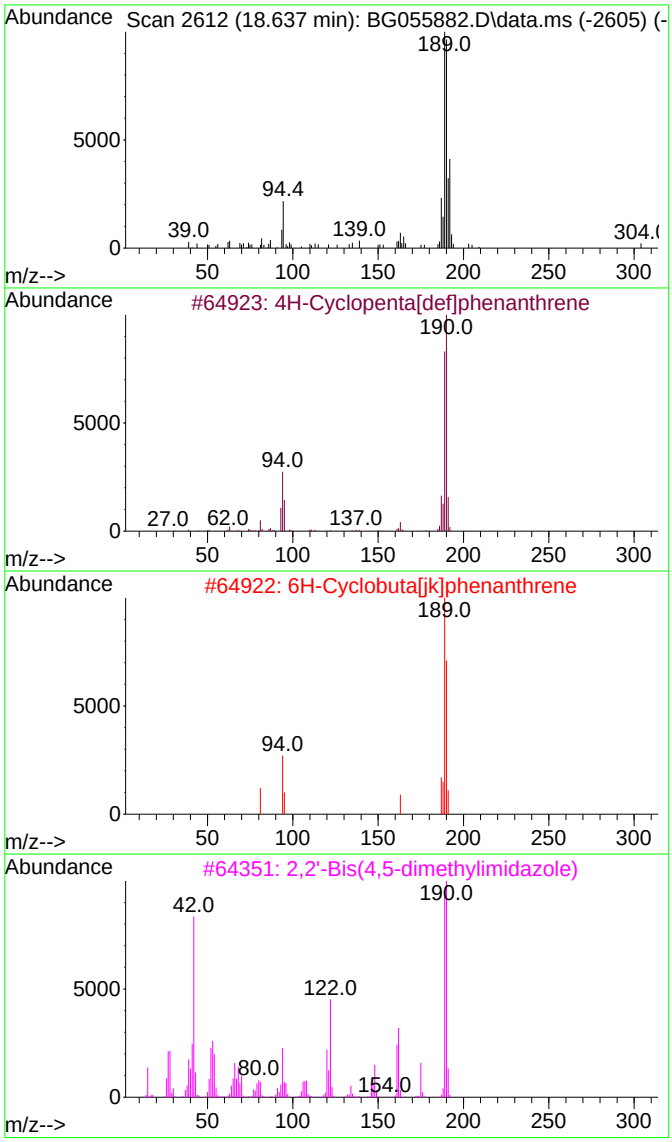
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

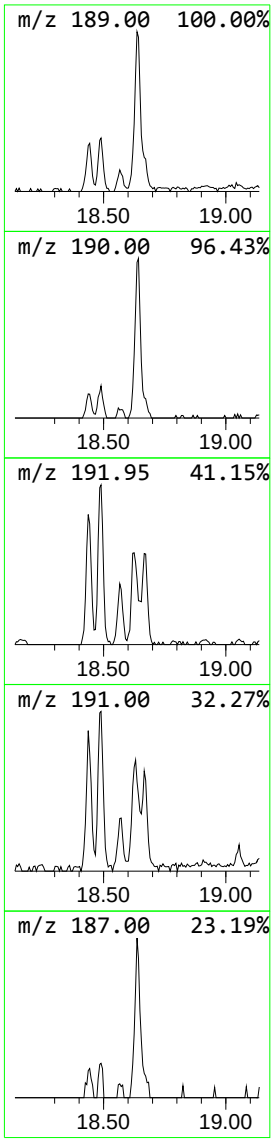
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.637	2.39 ng	81463	Phenanthrene-d10	17.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	32
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





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Acq On : 2 Dec 2022 20:31
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Sample : N5845-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-120122

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

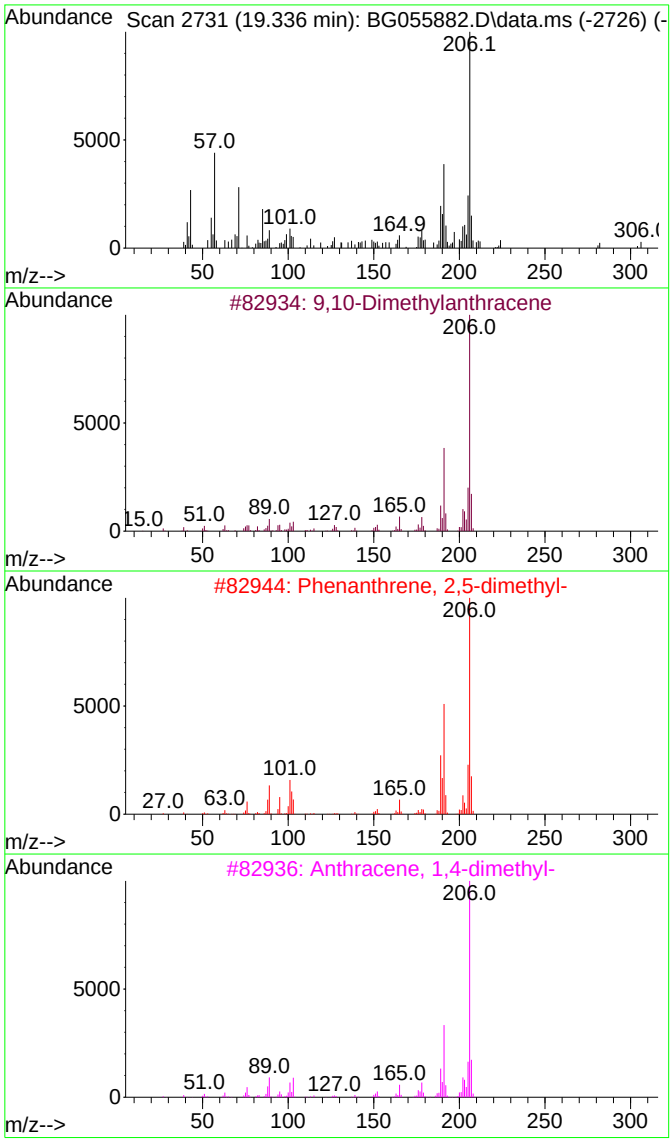
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

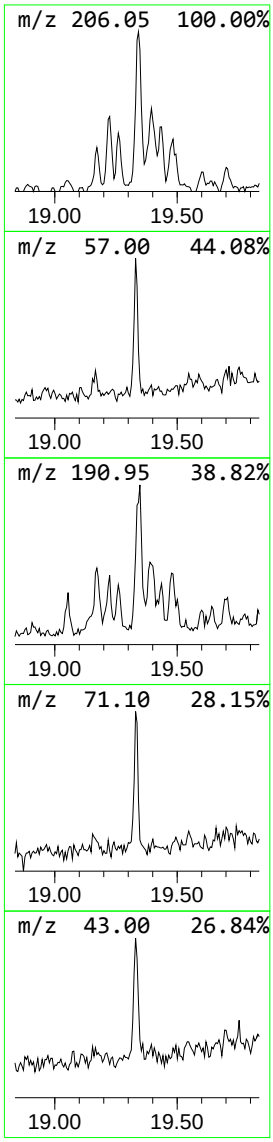
****

Peak Number 3 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.336	2.45 ng	83424	Phenanthrene-d10	17.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.247	4.3	ng	64718	1	8.202	302018	20.0
4H-Cyclopenta[d...	18.637	2.4	ng	81463	4	17.567	680773	20.0
9,10-Dimethylan...	19.336	2.5	ng	83424	4	17.567	680773	20.0