LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
Operator : CG/JU
Sample : M4701-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111521

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051074.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.757	379	386	402	rVB	526893	873595	51.61%	8.198%
2	7.372	651	661	671	rBV	521908	959613	56.69%	9.005%
3	8.218	798	805	819	rVB	136136	239854	14.17%	2.251%
4	9.399	994	1006	1016	rBV	312043	588716	34.78%	5.525%
5	10.792	1236	1243	1255	rBV	38308	83320	4.92%	0.782%
6	11.050	1280	1287	1294	rBV	195514	358638	21.19%	3.366%
7	13.471	1691	1699	1706	rBV	814147	1279440	75.58%	12.007%
8	14.846	1925	1933	1940	rBV	316135	508400	30.03%	4.771%
9	16.338	2180	2187	2196	rBV	612567	973065	57.49%	9.132%
10	17.596	2395	2401	2406	rBV	404878	626090	36.99%	5.876%
11	17.637	2406	2408	2415	rVB	57463	73772	4.36%	0.692%
12	18.448	2542	2546	2547	rBV2	26478	31037	1.83%	0.291%
13	18.465	2547	2549	2554	rVV	27874	43913	2.59%	0.412%
14	18.518	2554	2558	2565	rVB	31096	48489	2.86%	0.455%
15	18.594	2565	2571	2576	rBV5	8734	17440	1.03%	0.164%
16	18.659	2576	2582	2586	rBV3	30813	63055	3.73%	0.592%
17	18.694	2586	2588	2592	rVB2	15178	18435	1.09%	0.173%
18	18.859	2612	2616	2620	rVB4	13546	17890	1.06%	0.168%
19	18.959	2627	2633	2637	rBV3	15248	28357	1.68%	0.266%
20	19.012	2637	2642	2648	rVB8	15190	29755	1.76%	0.279%
21	19.364	2697	2702	2708	rBV3	34011	76723	4.53%	0.720%
22	19.517	2724	2728	2732	rBV7	14756	25030	1.48%	0.235%
23	19.634	2743	2748	2754	rBV	93086	144834	8.56%	1.359%
24	19.705	2754	2760	2761	rBV6	9566	18321	1.08%	0.172%
25	19.999	2805	2810	2816	rVB	139670	207142	12.24%	1.944%
26	20.069	2817	2822	2826	rBV4	14666	23470	1.39%	0.220%
27	20.187	2836	2842	2847	rBV	1250215	1692720	100.00%	15.885%
28	20.463	2884	2889	2891	rBV4	34494	56924	3.36%	0.534%
29	20.645	2917	2920	2923	rVB	26135	32165	1.90%	0.302%
30	20.786	2940	2944	2947	rBV2	30512	41673	2.46%	0.391%
31	20.833	2949	2952	2959	rVB2	26742	50321	2.97%	0.472%
32	20.956	2970	2973	2978	rVB2	23696	29068	1.72%	0.273%
33	21.485	3059	3063	3071	rVB4	72450	143426	8.47%	1.346%
34	21.896	3125	3133	3138	rBV	342899	654956	38.69%	6.146%
35	25.304	3704	3713	3724	rVB2	188323	596247	35.22%	5.595%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
Operator : CG/JU
Sample : M4701-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111521

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 10655894

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
Operator : CG/JU
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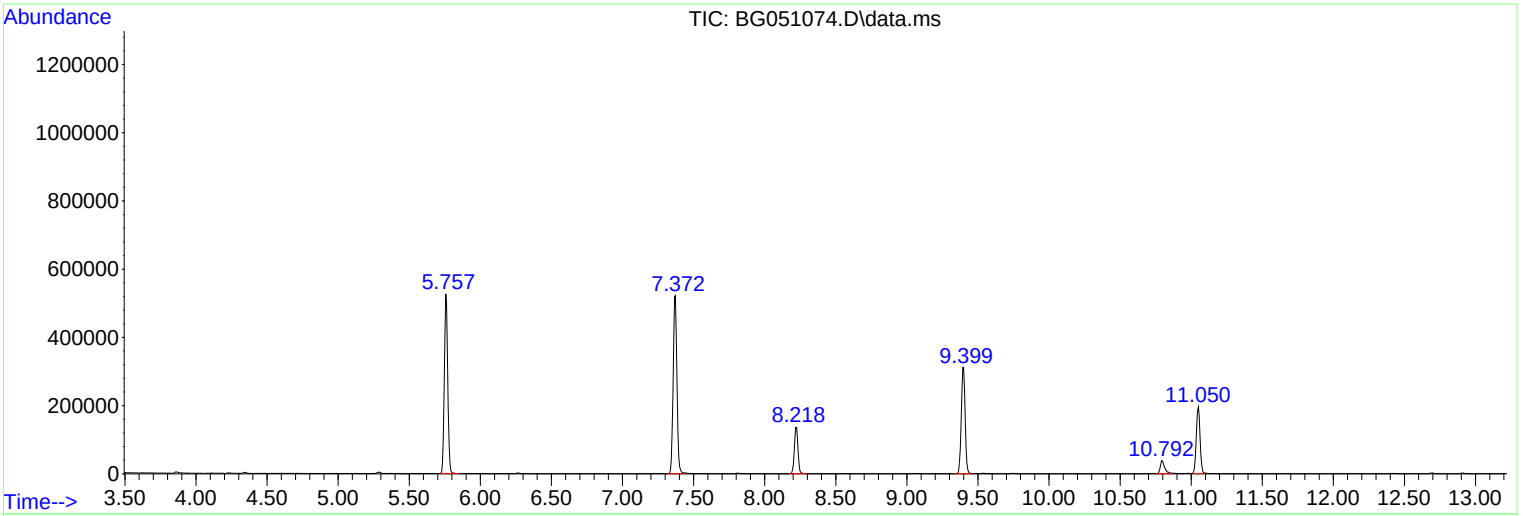
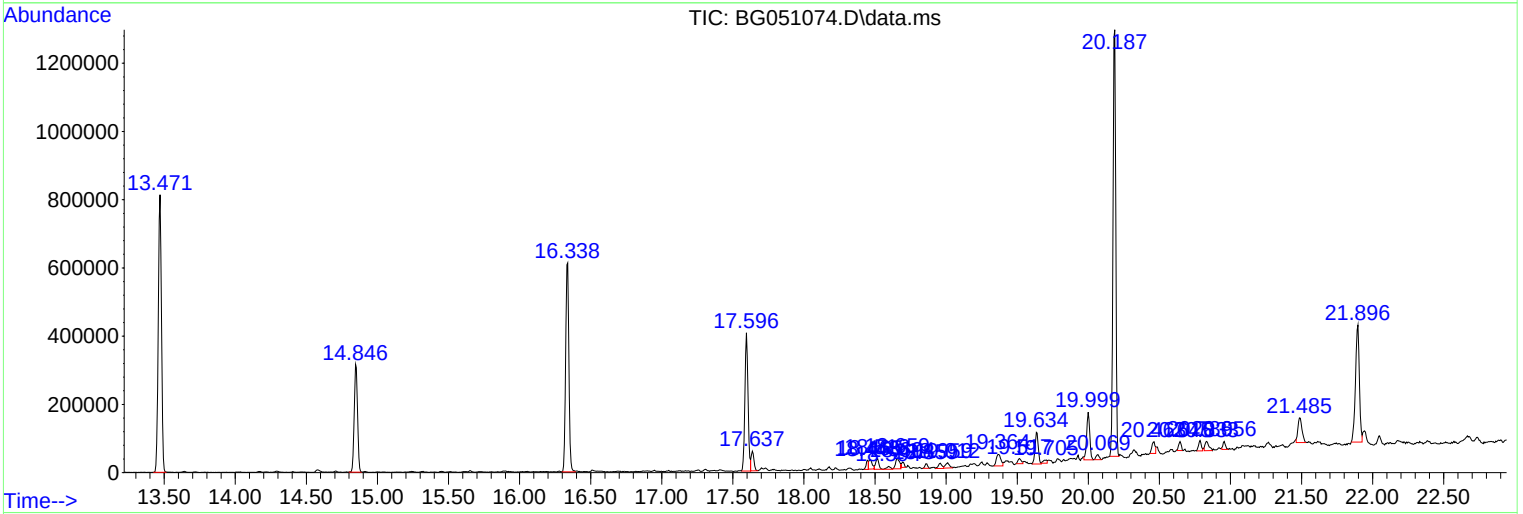
Misc :
ALS Vial : 8 Sample Multiplier: 1

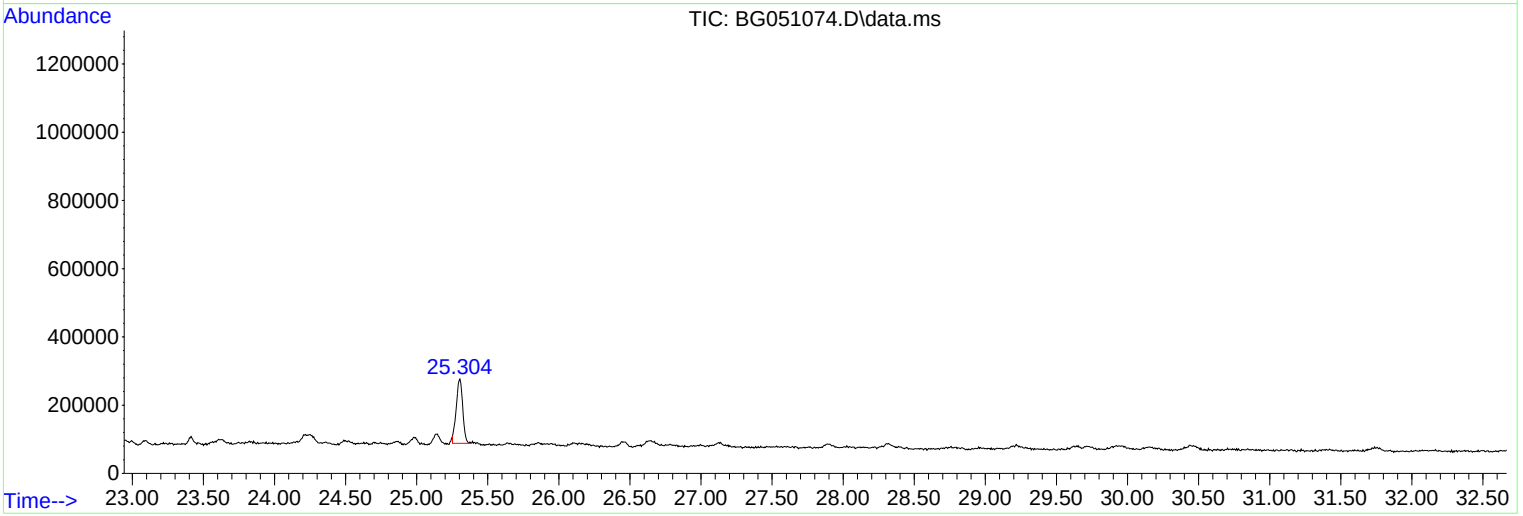
Instrument :
BNA_G
ClientSampleId :
OR-03-111521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
Operator : CG/JU
Sample : M4701-01
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Instrument :
BNA_G
ClientSampleId :
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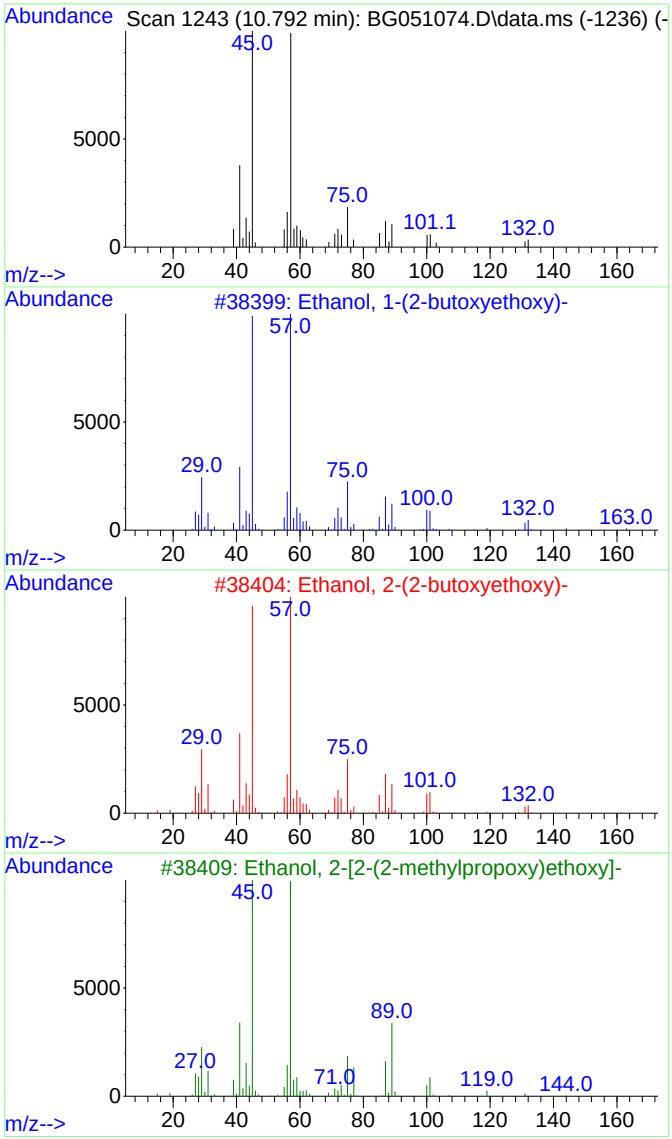
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

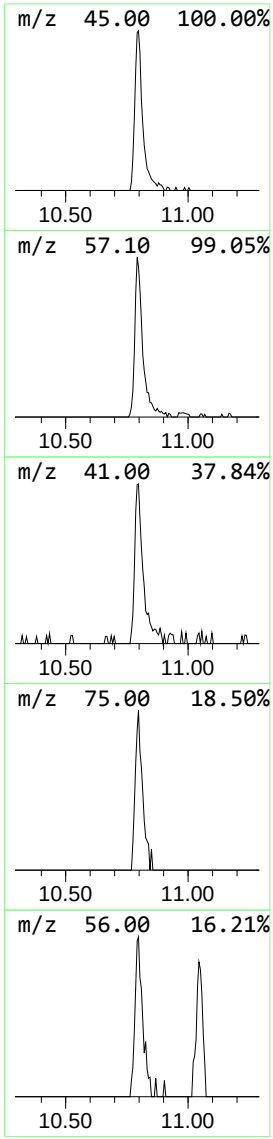
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.792	4.65 ng	83320	Naphthalene-d8	11.050

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
5	Di-sec-Butyl ether	130	C8H18O	006863-58-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
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Sample : M4701-01
Misc :
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Instrument :
BNA_G
ClientSampleId :
OR-03-111521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

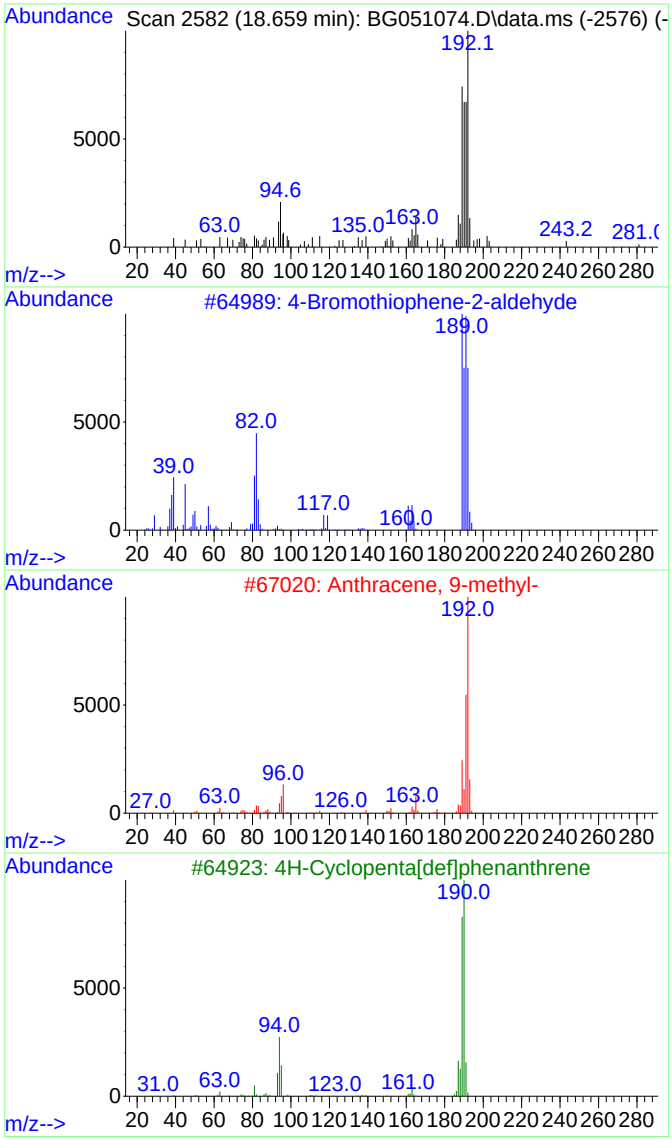
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

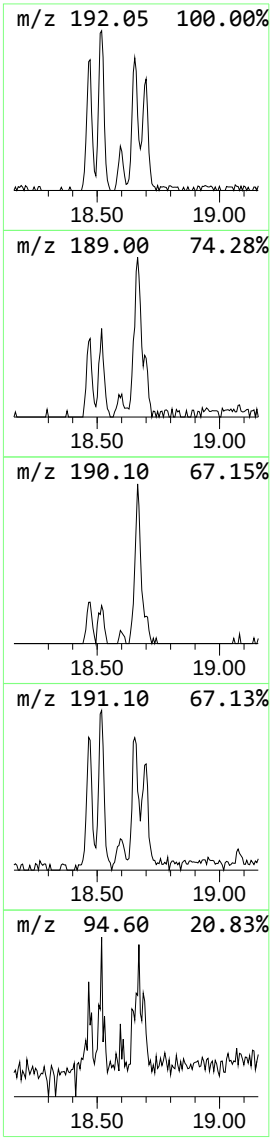
****

Peak Number 2 4-Bromothiophene-2-aldehyde Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.659	2.01 ng	63055	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	50
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	46
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051074.D
Acq On : 16 Nov 2021 19:57
Operator : CG/JU
Sample : M4701-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111521

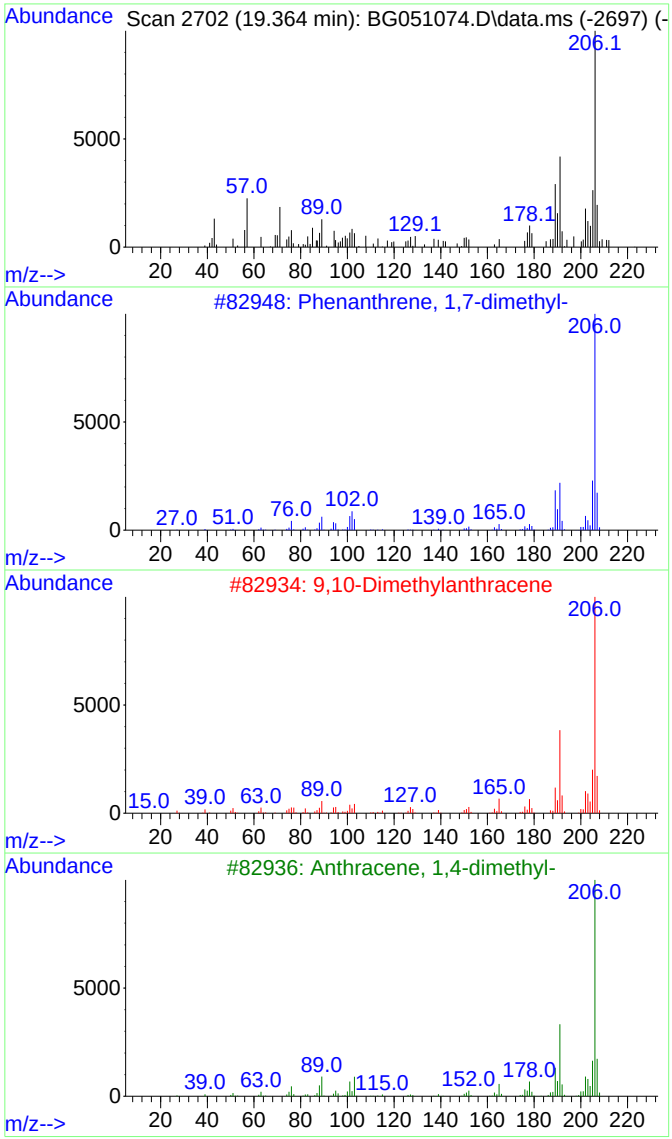
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

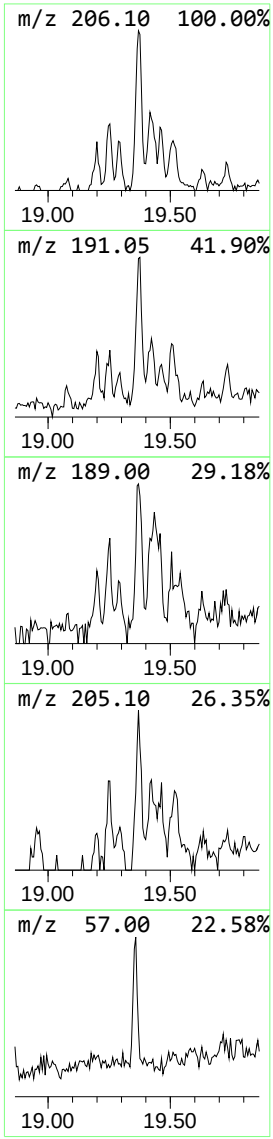
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenanthrene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.364	2.45 ng	76723	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
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Operator : CG/JU
Sample : M4701-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-111521

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

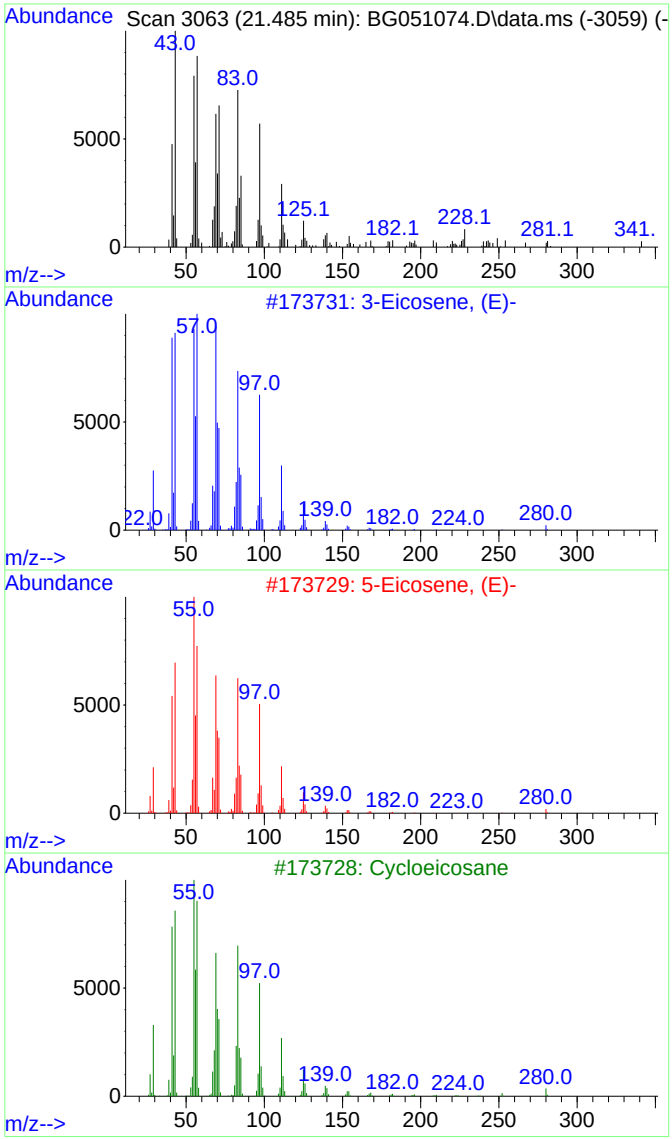
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

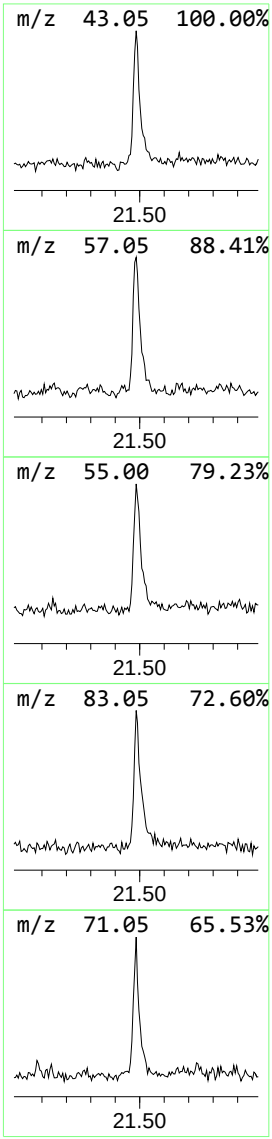
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.485	4.38 ng	143426	Chrysene-d12	21.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Cycloeicosane	280	C20H40	000296-56-0	92
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	92
5	Cyclotetracosane	336	C24H48	000297-03-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
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
Ethanol, 1-(2-b...	10.792	4.7	ng	83320	2	11.050	358638	20.0
4-Bromothiophen...	18.659	2.0	ng	63055	4	17.596	626090	20.0
Phenanthrene, 1...	19.364	2.5	ng	76723	4	17.596	626090	20.0
3-Eicosene, (E)-	21.485	4.4	ng	143426	5	21.896	654956	20.0