LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054353.D
Acq On : 21 Jul 2022 20:37
Operator : CG/JU
Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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: BG054353.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.574	365	372	384	rBV	207952	356740	29.63%	4.694%
2	7.178	638	645	658	rVB	222604	393850	32.71%	5.182%
3	7.995	777	784	791	rBV	66306	114740	9.53%	1.510%
4	9.158	974	982	990	rBV	140642	253285	21.04%	3.333%
5	10.803	1255	1262	1270	rBV	90565	160861	13.36%	2.117%
6	13.253	1672	1679	1689	rBB	455294	705653	58.61%	9.285%
7	14.634	1907	1914	1920	rBV	156803	258305	21.45%	3.399%
8	14.693	1920	1924	1930	rVB2	11164	17527	1.46%	0.231%
9	15.674	2086	2091	2097	rBB	11876	18855	1.57%	0.248%
10	16.121	2160	2167	2175	rBV2	432874	685566	56.94%	9.021%
11	17.125	2329	2338	2343	rBV6	7983	16850	1.40%	0.222%
12	17.378	2372	2381	2385	rBV	219590	346476	28.78%	4.559%
13	17.419	2385	2388	2395	rVV	139356	193047	16.03%	2.540%
14	17.507	2398	2403	2410	rVB	27644	43777	3.64%	0.576%
15	17.778	2440	2449	2454	rBV2	13193	26460	2.20%	0.348%
16	18.259	2525	2531	2535	rBV2	46686	79857	6.63%	1.051%
17	18.300	2535	2538	2545	rVB	33875	51453	4.27%	0.677%
18	18.383	2547	2552	2556	rBV2	10295	16359	1.36%	0.215%
19	18.453	2558	2564	2567	rBV4	28094	52774	4.38%	0.694%
20	18.747	2610	2614	2618	rBV	15296	22344	1.86%	0.294%
21	18.794	2618	2622	2628	rVB2	16471	21786	1.81%	0.287%
22	18.994	2652	2656	2661	rBV7	7645	12157	1.01%	0.160%
23	19.164	2680	2685	2691	rBV	14199	28949	2.40%	0.381%
24	19.305	2705	2709	2716	rBV3	13936	27717	2.30%	0.365%
25	19.429	2724	2730	2736	rBV	230504	351160	29.17%	4.621%
26	19.534	2744	2748	2752	rBV6	13861	19141	1.59%	0.252%
27	19.763	2782	2787	2788	rBV2	46593	65641	5.45%	0.864%
28	19.793	2788	2792	2800	rVB	198643	289798	24.07%	3.813%
29	19.863	2800	2804	2807	rBV2	14158	21478	1.78%	0.283%
30	19.987	2818	2825	2830	rBV	897359	1203958	100.00%	15.842%
31	20.128	2842	2849	2853	rBV3	21587	54748	4.55%	0.720%
32	20.286	2872	2876	2880	rVB	33451	51586	4.28%	0.679%
33	20.386	2889	2893	2897	rBV2	21902	33446	2.78%	0.440%
34	20.580	2923	2926	2930	rBV2	16934	25576	2.12%	0.337%
35	21.044	3001	3005	3013	rBV	26986	39673	3.30%	0.522%
36	21.279	3040	3045	3049	rBV2	43764	74023	6.15%	0.974%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054353.D
Acq On : 21 Jul 2022 20:37
Operator : CG/JU
Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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	21.644	3099	3107	3112	rBV2	273424	620329	51.52%	8.162%
38	21.691	3112	3115	3124	rVB	100953	160375	13.32%	2.110%
39	23.835	3474	3480	3489	rBV2	59075	197668	16.42%	2.601%
40	24.699	3624	3627	3638	rVB2	54140	129990	10.80%	1.710%
41	24.858	3646	3654	3662	rBV	138388	356044	29.57%	4.685%

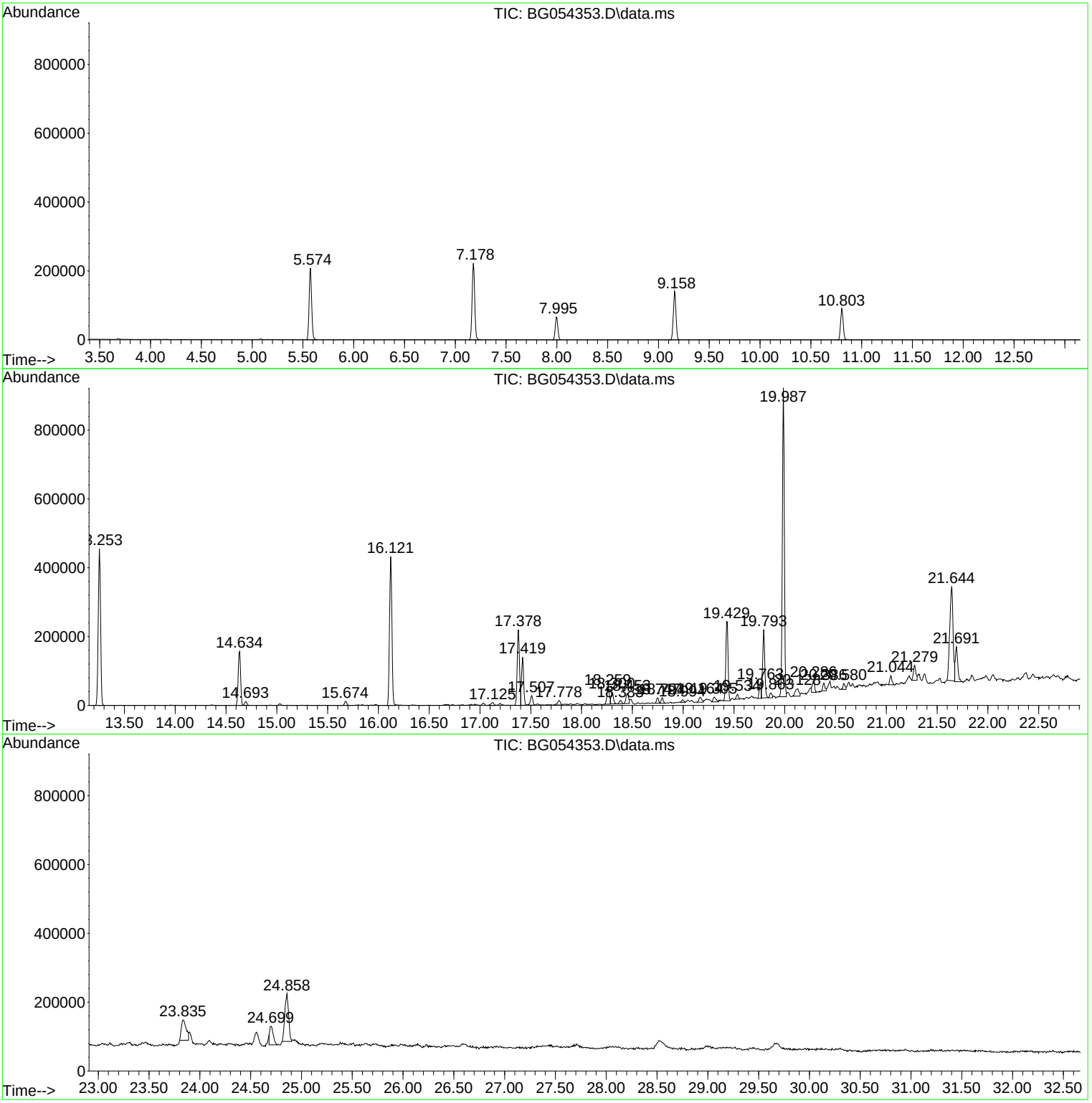
Sum of corrected areas: 7600022

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054353.D
Acq On : 21 Jul 2022 20:37
Operator : CG/JU
Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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\BG072122\
Data File : BG054353.D
Acq On : 21 Jul 2022 20:37
Operator : CG/JU
Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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

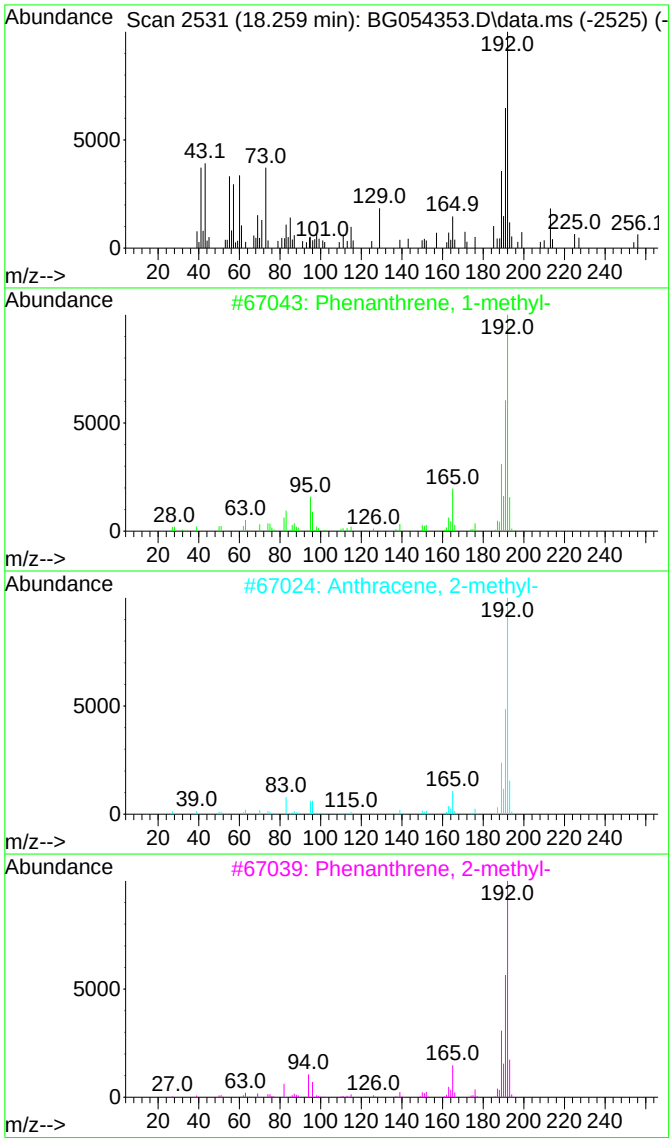
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

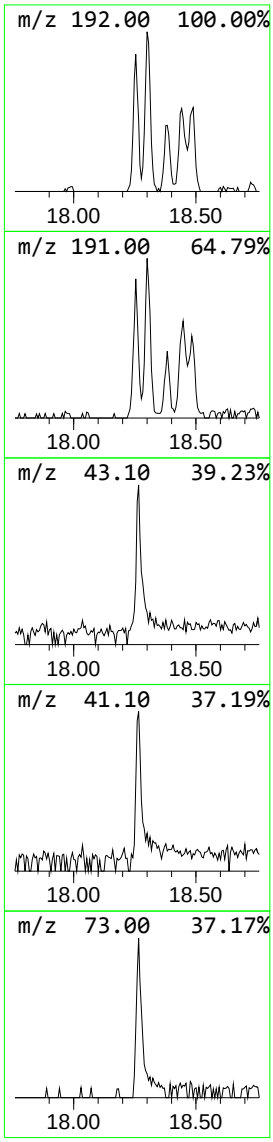
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.259	4.61 ng	79857	Phenanthrene-d10	17.378

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	78
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	70
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	60
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054353.D
Acq On : 21 Jul 2022 20:37
Operator : CG/JU
Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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

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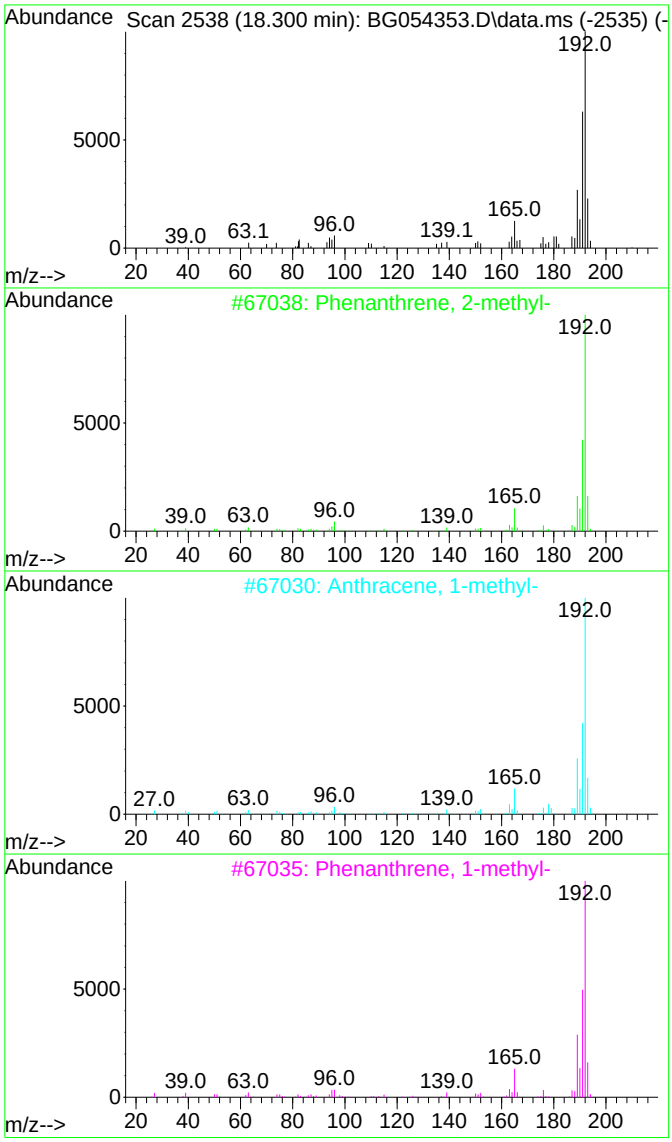
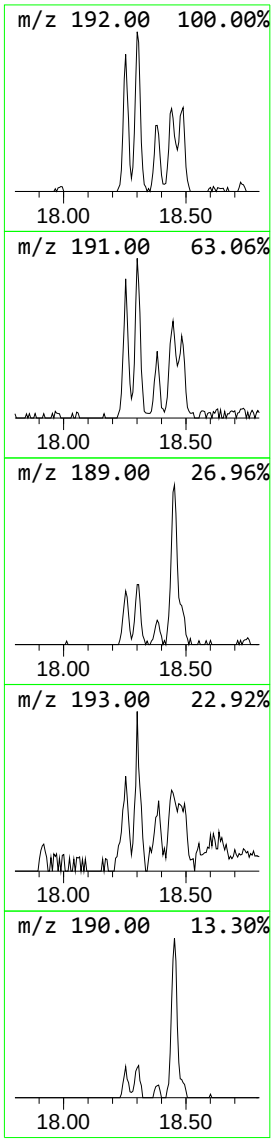
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.301	2.97 ng	51453	Phenanthrene-d10	17.378

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054353.D
Acq On : 21 Jul 2022 20:37
Operator : CG/JU
Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

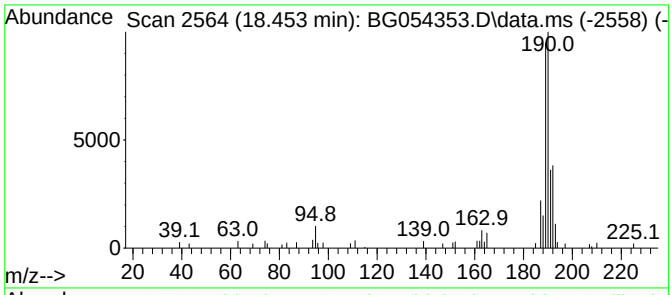
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

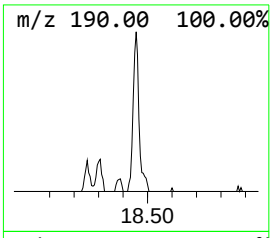
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

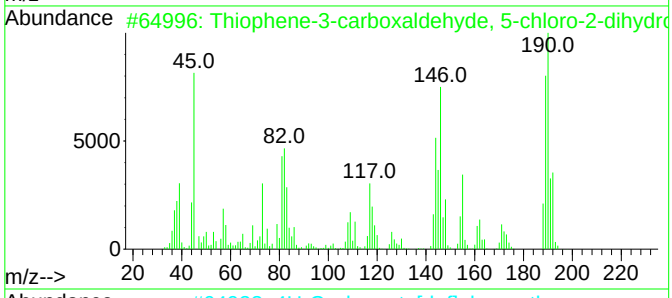
****
Peak Number 3 Thiophene-3-carboxaldehyde,... Concentration Rank 2

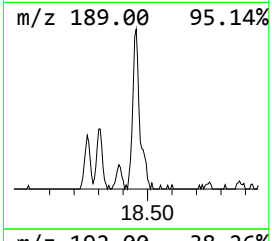
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.453	3.05 ng	52774	Phenanthrene-d10	17.378

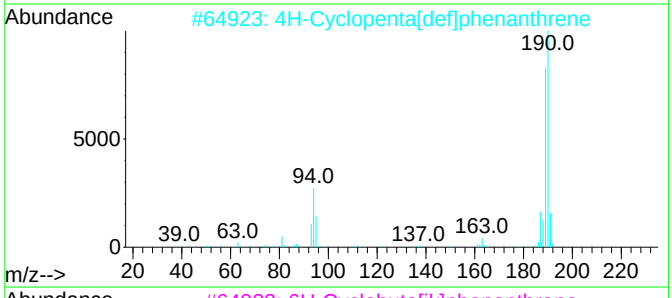
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	17
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	17

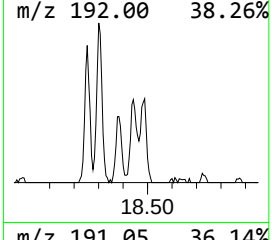


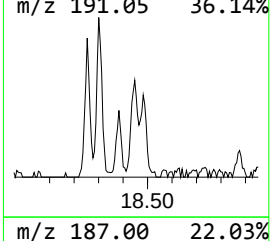


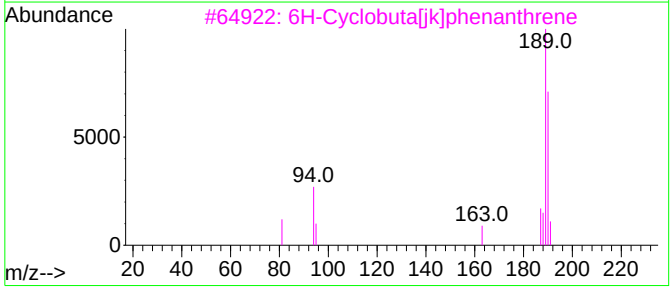


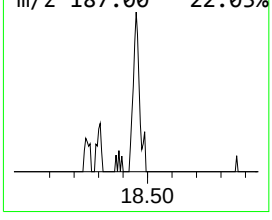












Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
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Sample : N3786-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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

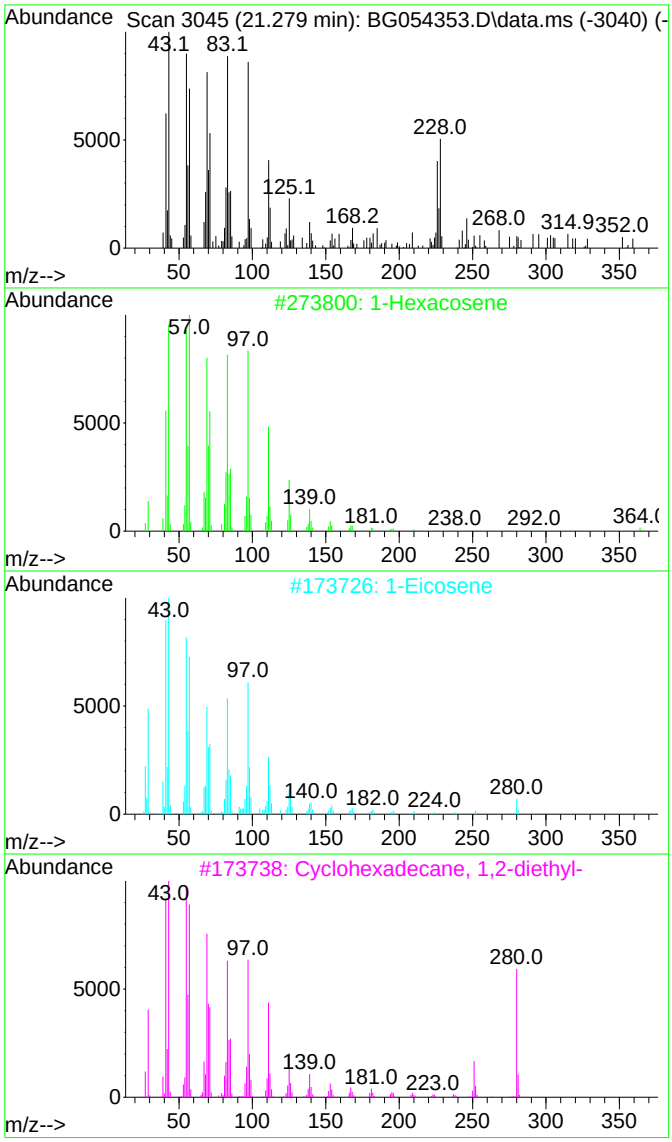
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

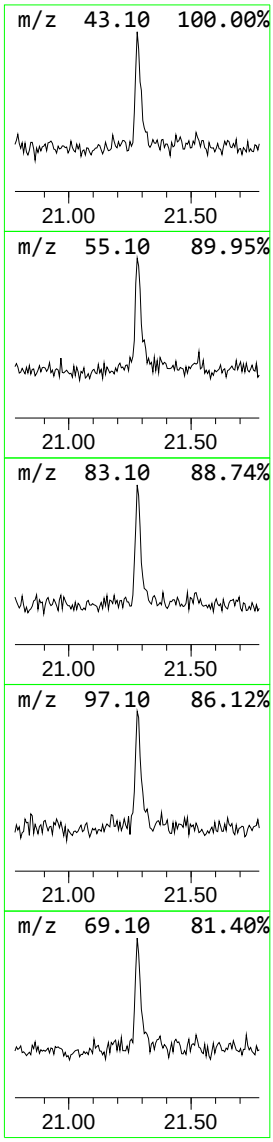
****

Peak Number 4 1-Hexacosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.279	2.39 ng	74023	Chrysene-d12	21.644

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	90
2	1-Eicosene	280	C20H40	003452-07-1	90
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	78
4	1-Tricosene	322	C23H46	018835-32-0	74
5	1-Heptacosanol	396	C27H56O	002004-39-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072122\
Data File : BG054353.D
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Misc :
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Instrument :
BNA_G
ClientSampleId :
0718-WC-TP-WC5A

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 1...	18.259	4.6	ng	79857	4	17.378	346476	20.0
Phenanthrene, 2...	18.301	3.0	ng	51453	4	17.378	346476	20.0
Thiophene-3-car...	18.453	3.0	ng	52774	4	17.378	346476	20.0
1-Hexacosene	21.279	2.4	ng	74023	5	21.644	620329	20.0