LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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: BG054402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.029	3	7	16	rVV3	9454	19867	1.60%	0.271%
2	3.112	16	21	32	rVB	60242	109193	8.79%	1.488%
3	5.562	432	438	448	rBV	171916	291915	23.50%	3.977%
4	7.171	705	712	722	rVB	200169	354999	28.58%	4.836%
5	7.988	843	851	859	rBB	55788	96578	7.78%	1.316%
6	9.146	1039	1048	1057	rBV	114857	214544	17.27%	2.923%
7	10.797	1322	1329	1342	rBB	75259	136767	11.01%	1.863%
8	13.241	1738	1745	1755	rBB	411244	647919	52.17%	8.827%
9	14.622	1973	1980	1987	rBV	141766	226445	18.23%	3.085%
10	16.108	2227	2233	2247	rBV	360470	575986	46.38%	7.847%
11	17.365	2437	2447	2451	rBV	198710	304234	24.50%	4.145%
12	17.407	2451	2454	2460	rVB	84912	118234	9.52%	1.611%
13	17.501	2463	2470	2475	rVB	14335	23804	1.92%	0.324%
14	18.247	2587	2597	2601	rBV	21161	42373	3.41%	0.577%
15	18.294	2601	2605	2612	rVV2	23273	40381	3.25%	0.550%
16	18.370	2612	2618	2622	rVV	8317	14000	1.13%	0.191%
17	18.435	2622	2629	2634	rVV2	23572	51821	4.17%	0.706%
18	18.470	2634	2635	2641	rVB	12949	14075	1.13%	0.192%
19	18.734	2675	2680	2685	rBV	13096	21208	1.71%	0.289%
20	18.781	2685	2688	2693	rVB3	10561	16519	1.33%	0.225%
21	19.157	2747	2752	2758	rBV3	14202	27257	2.19%	0.371%
22	19.298	2772	2776	2783	rVB2	12078	20099	1.62%	0.274%
23	19.416	2790	2796	2802	rBV	208708	311163	25.05%	4.239%
24	19.751	2848	2853	2854	rBV	35216	49545	3.99%	0.675%
25	19.780	2854	2858	2865	rVB	200629	295166	23.77%	4.021%
26	19.851	2866	2870	2877	rVV4	10350	18628	1.50%	0.254%
27	19.974	2885	2891	2897	rBV	916252	1241994	100.00%	16.920%
28	20.115	2908	2915	2920	rBV2	17491	46707	3.76%	0.636%
29	20.244	2932	2937	2938	rBV5	13330	20408	1.64%	0.278%
30	20.274	2938	2942	2947	rVB	29480	45619	3.67%	0.621%
31	20.374	2956	2959	2962	rBV	13223	13476	1.09%	0.184%
32	20.432	2966	2969	2973	rVV	23518	33482	2.70%	0.456%
33	20.568	2989	2992	2997	rBV	18557	29654	2.39%	0.404%
34	20.615	2997	3000	3003	rBV2	15369	20510	1.65%	0.279%
35	21.032	3068	3071	3076	rVB	27901	41323	3.33%	0.563%
36	21.267	3106	3111	3115	rBV2	37816	63358	5.10%	0.863%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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	21.361	3125	3127	3131	rVB	20652	22521	1.81%	0.307%
38	21.625	3164	3172	3177	rBV2	251664	586952	47.26%	7.996%
39	21.672	3177	3180	3191	rVB	105058	182137	14.66%	2.481%
40	23.817	3538	3545	3552	rBV	77203	240307	19.35%	3.274%
41	24.069	3584	3588	3595	rVB2	15845	37506	3.02%	0.511%
42	24.528	3663	3666	3679	rVB	46525	121367	9.77%	1.653%
43	24.674	3685	3691	3702	rVB	71947	203557	16.39%	2.773%
44	24.827	3709	3717	3725	rBV2	120665	346727	27.92%	4.724%

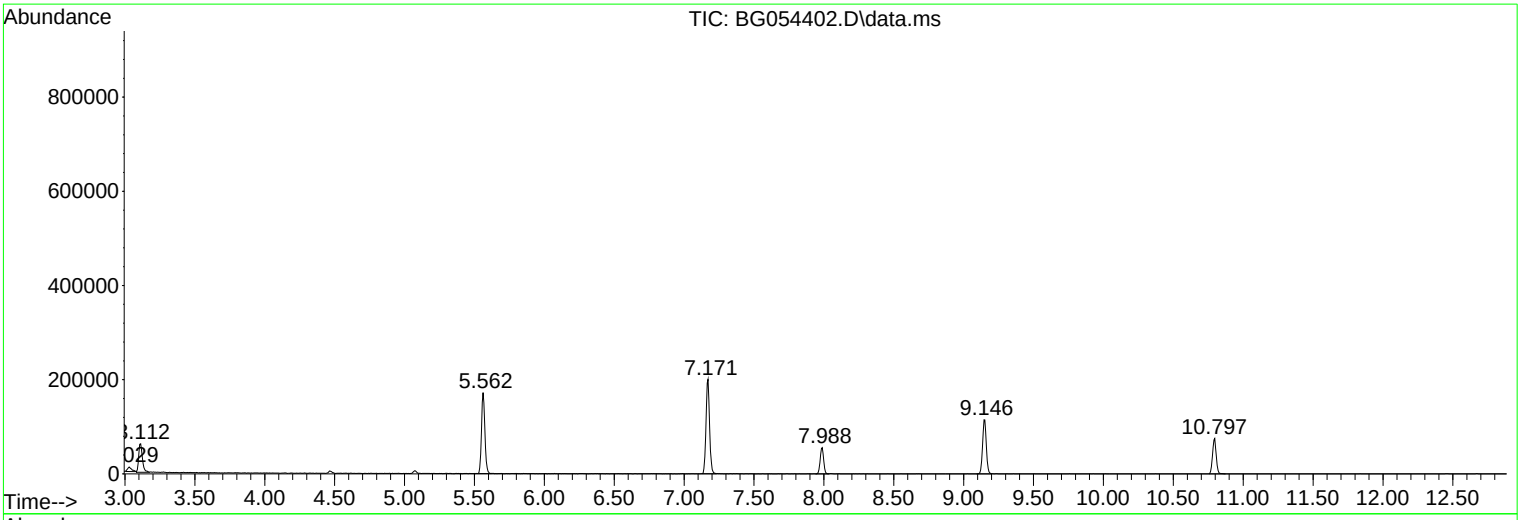
Sum of corrected areas: 7340325

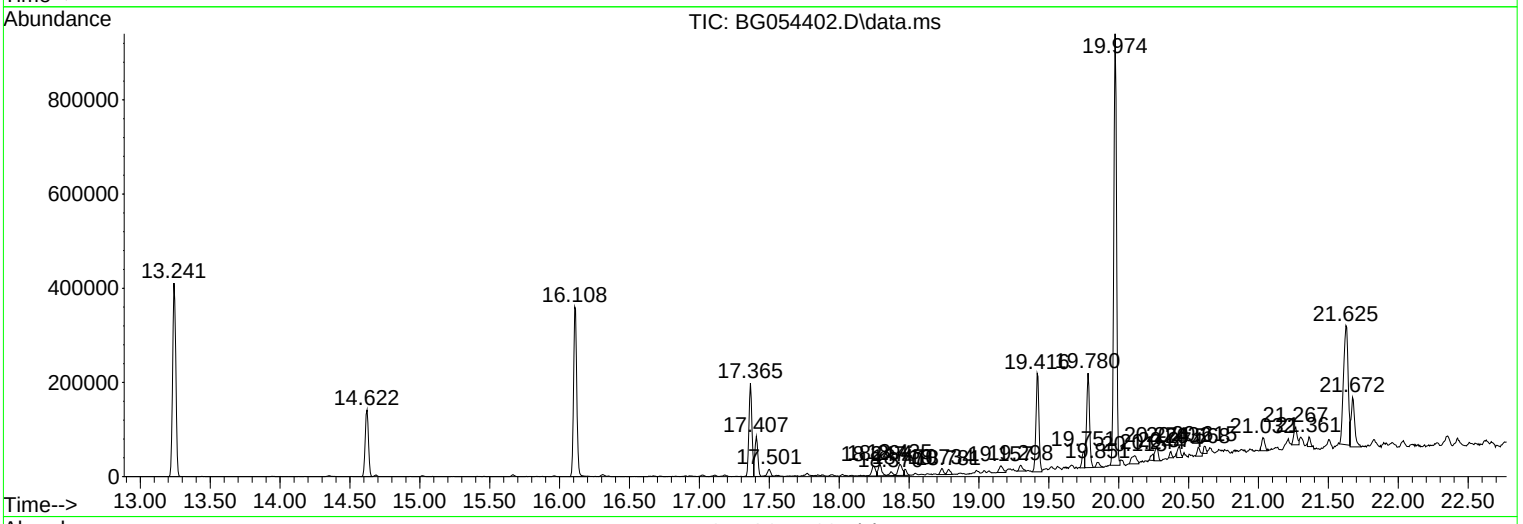
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

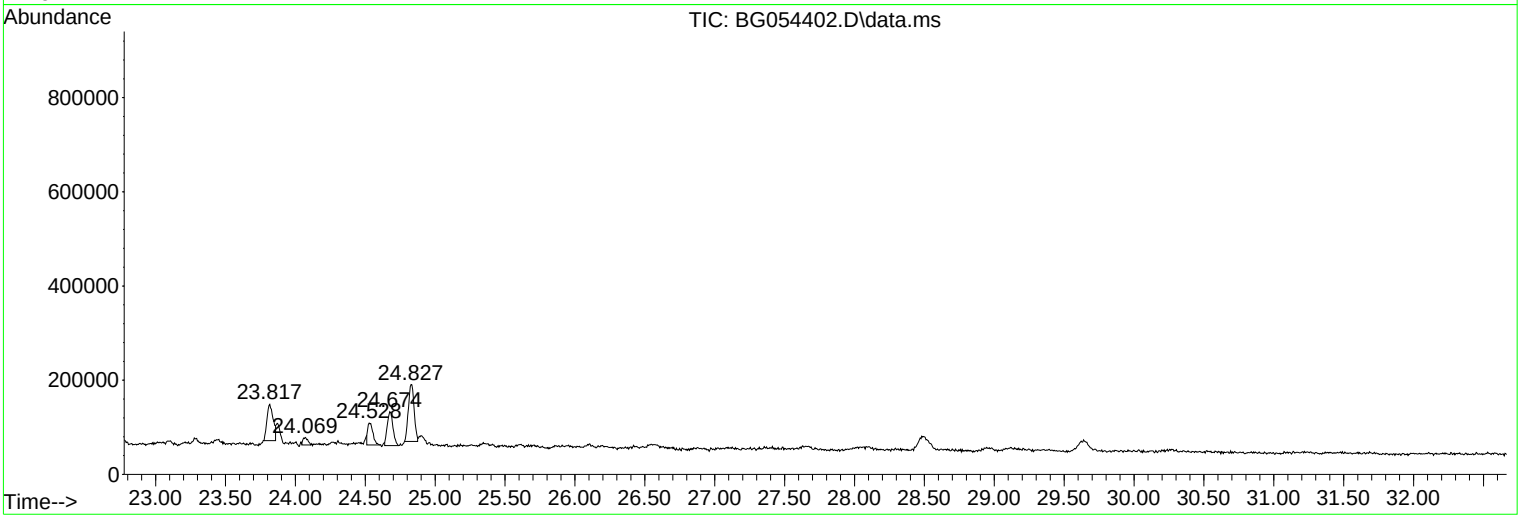
Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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

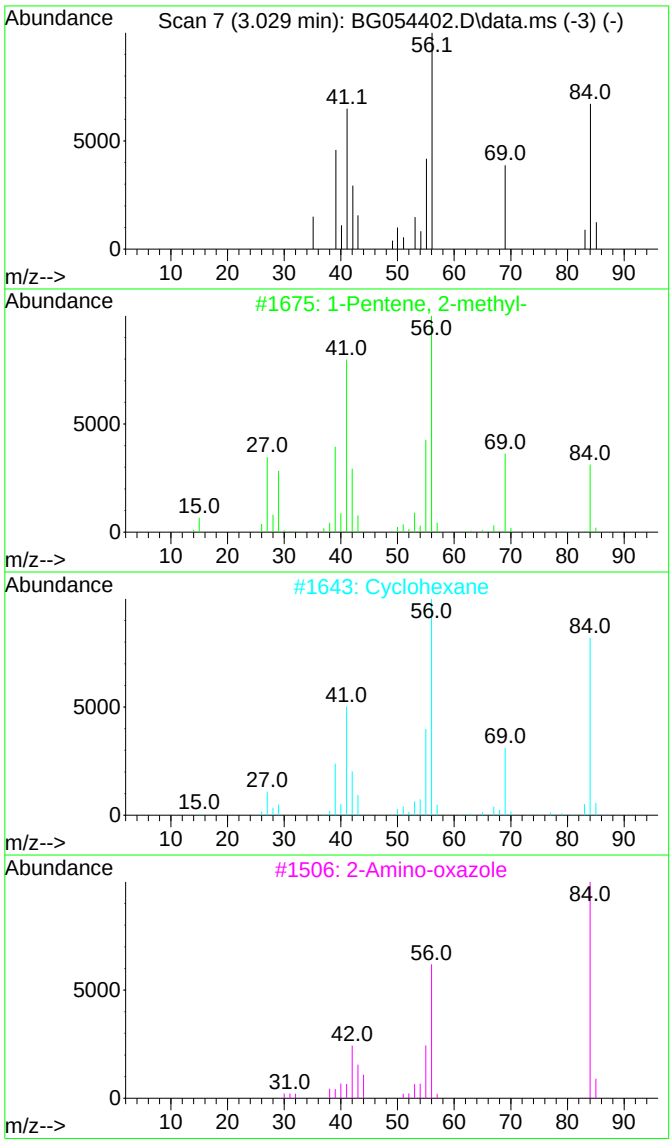
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

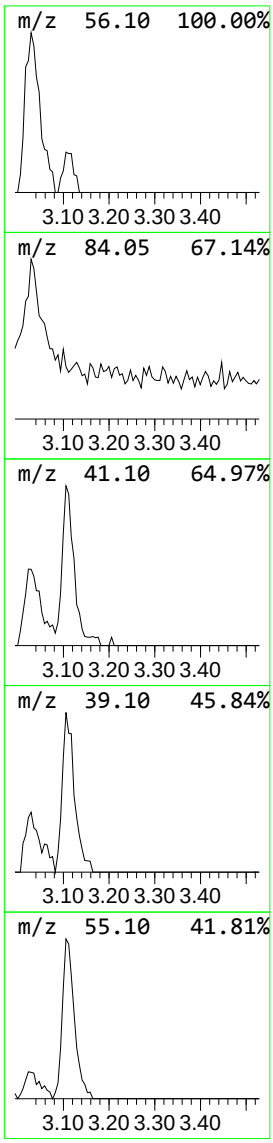
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.029	4.11 ng	19867	1,4-Dichlorobenzene-d4	7.988

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyclohexane	84	C6H12	000110-82-7	58
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	53
4	2-Butene, (Z)-	56	C4H8	000590-18-1	47
5	Cyclobutane	56	C4H8	000287-23-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

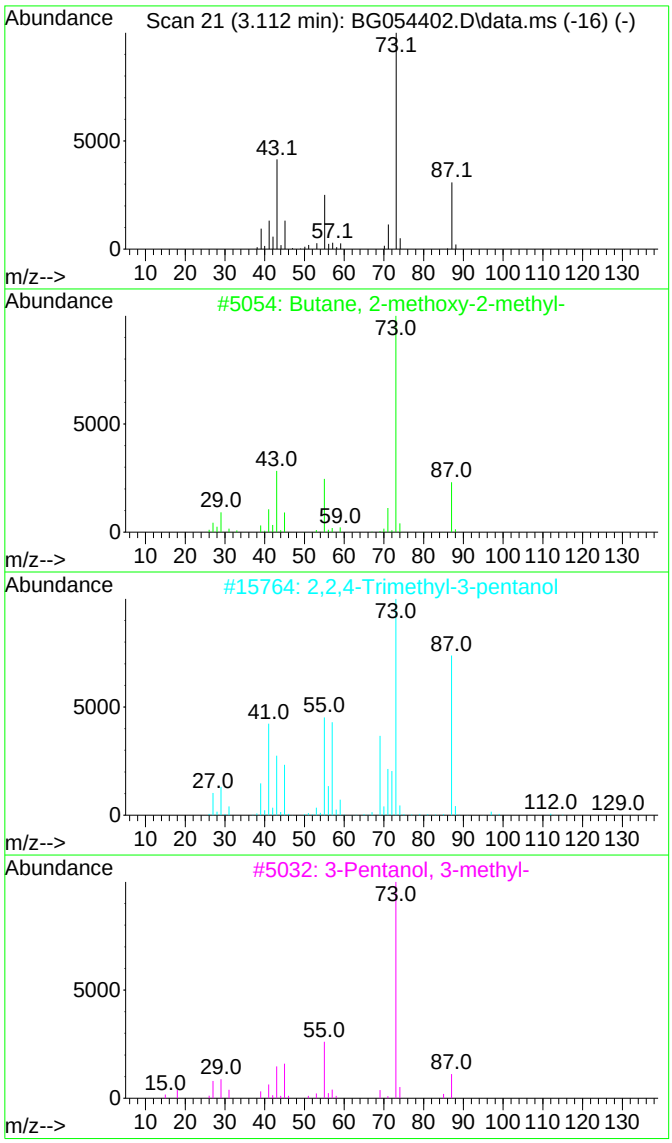
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

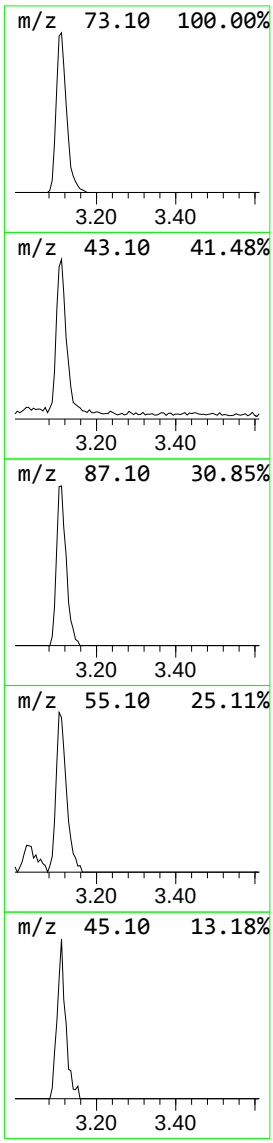
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.112	22.61 ng	109193	1,4-Dichlorobenzene-d4	7.988

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	32
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	16
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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

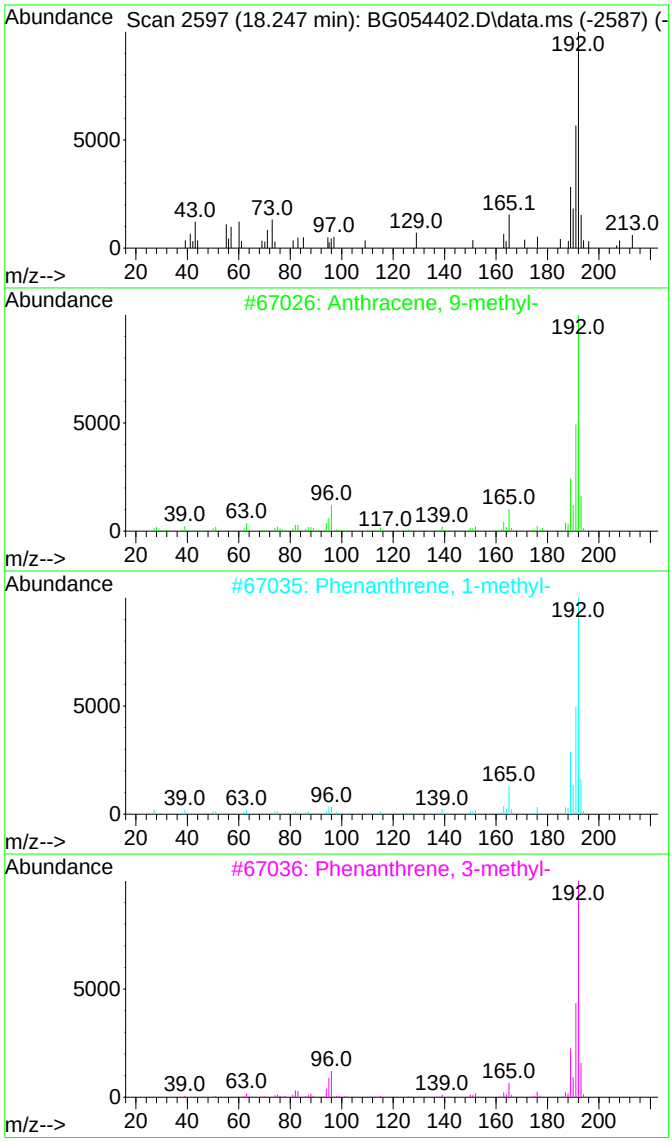
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

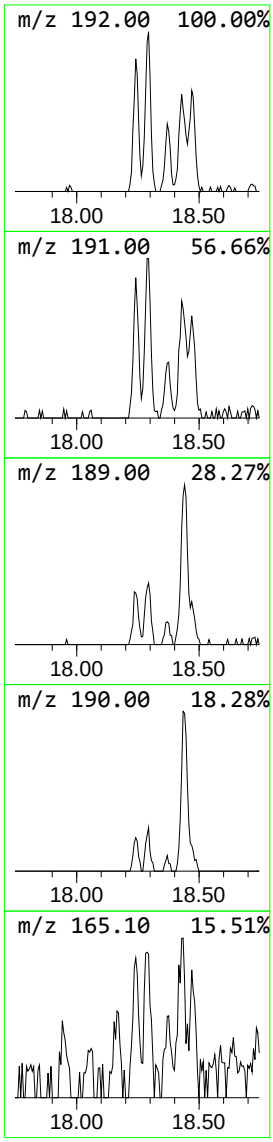
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	2.79 ng	42373	Phenanthrene-d10	17.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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

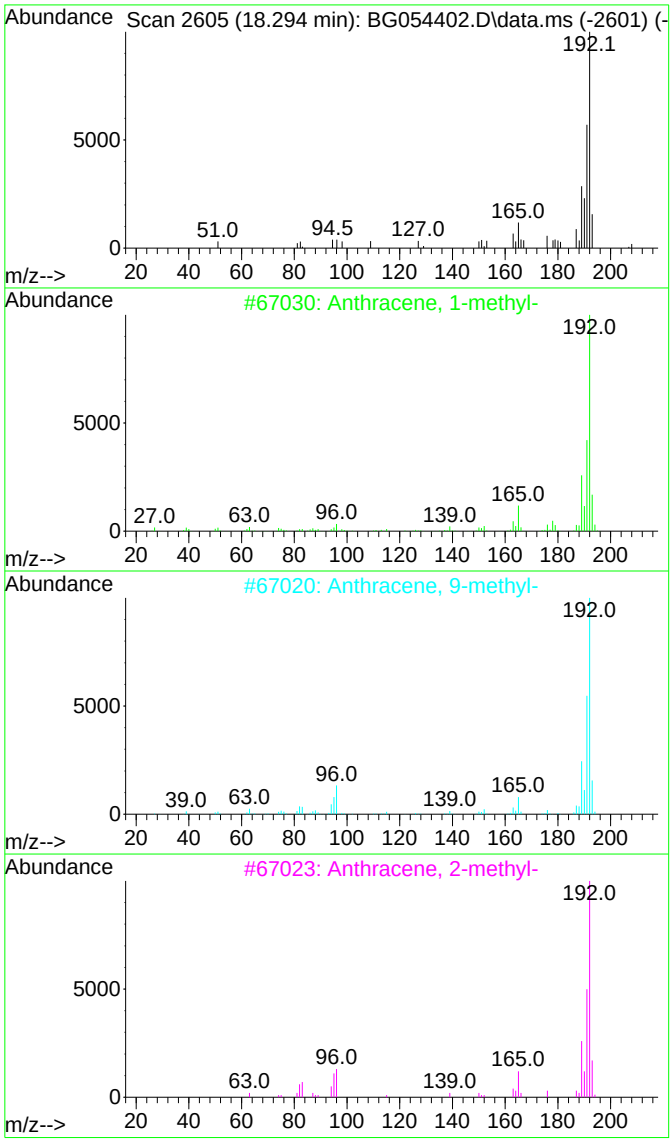
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

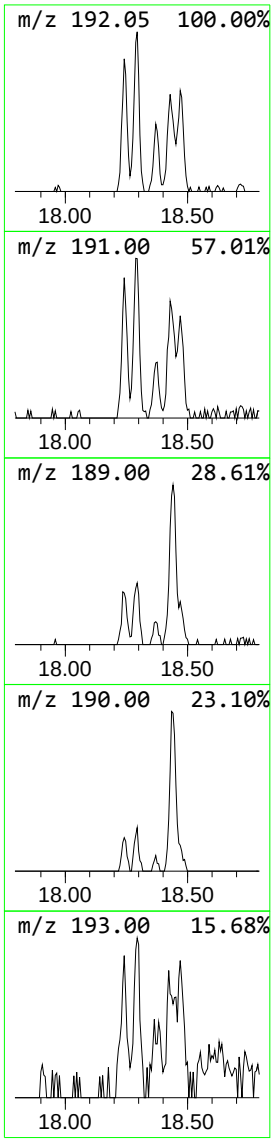
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.294	2.65 ng	40381	Phenanthrene-d10	17.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

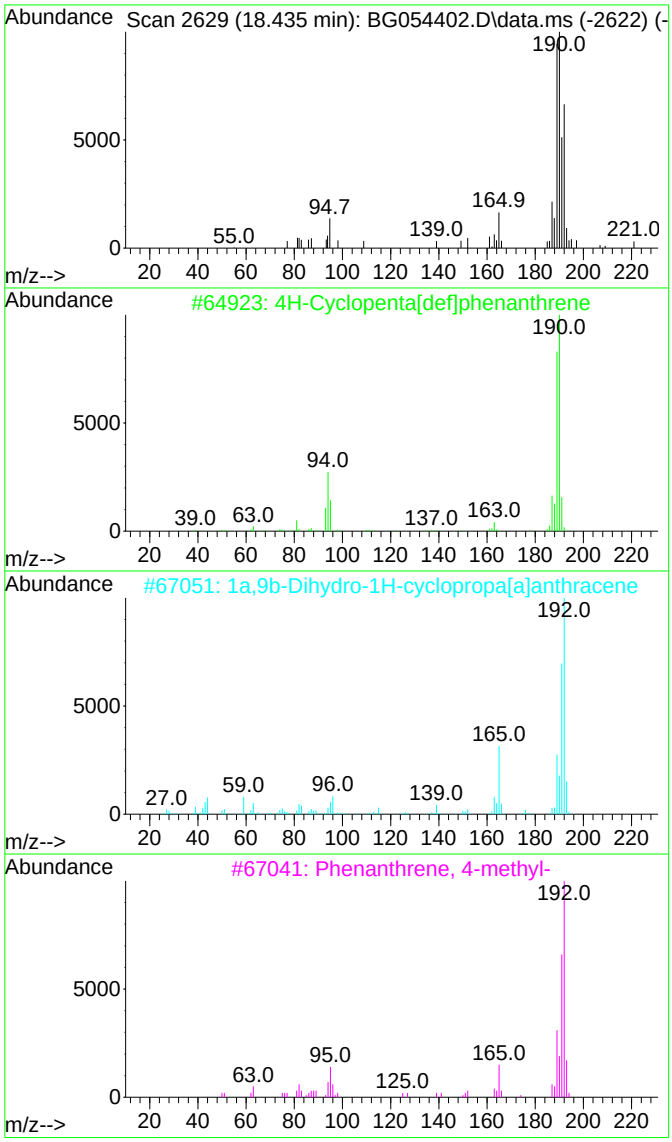
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

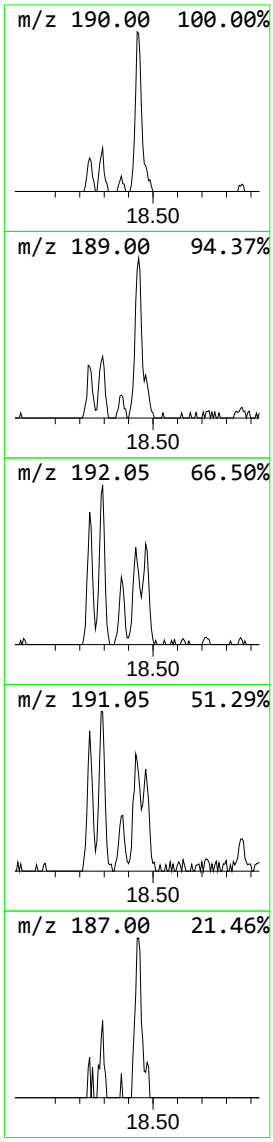
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.435	3.41 ng	51821	Phenanthrene-d10	17.365

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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

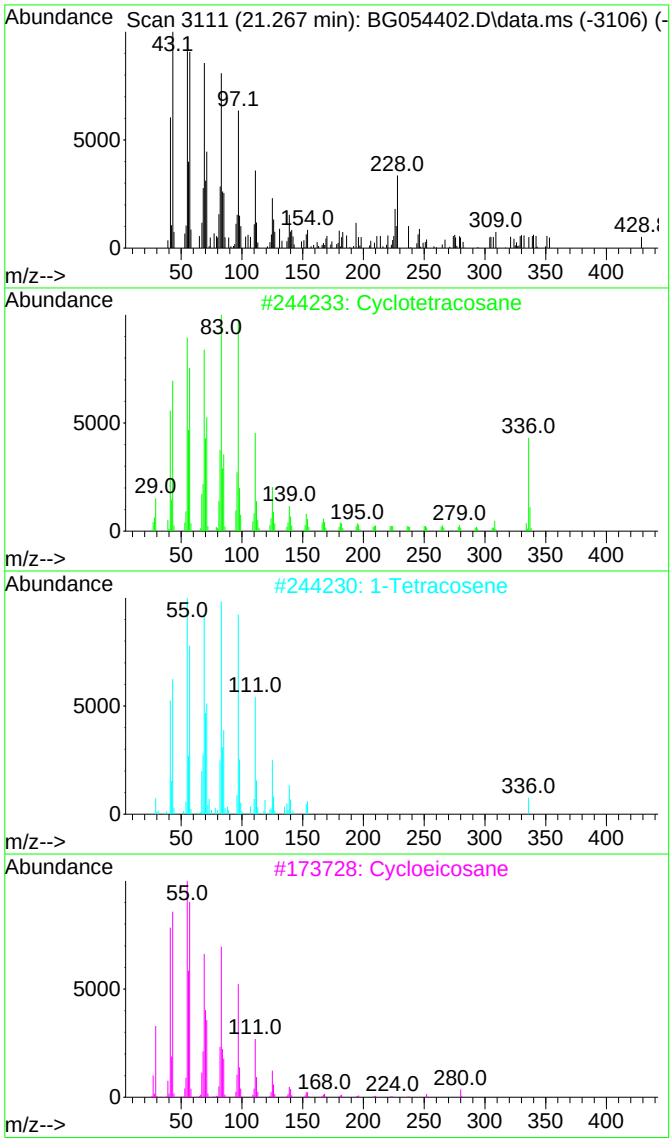
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

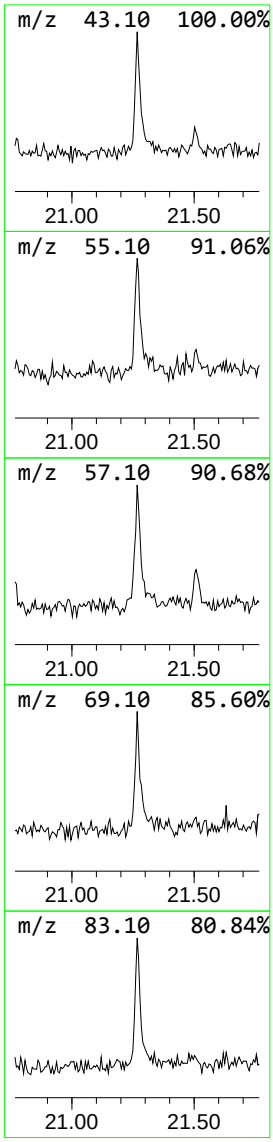
****

Peak Number 6 Cyclotetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.267	2.16 ng	63358	Chrysene-d12	21.631

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Tetracosene	336	C24H48	010192-32-2	96
3	Cycloeicosane	280	C20H40	000296-56-0	95
4	1-Eicosene	280	C20H40	003452-07-1	94
5	1-Hexacosene	364	C26H52	018835-33-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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

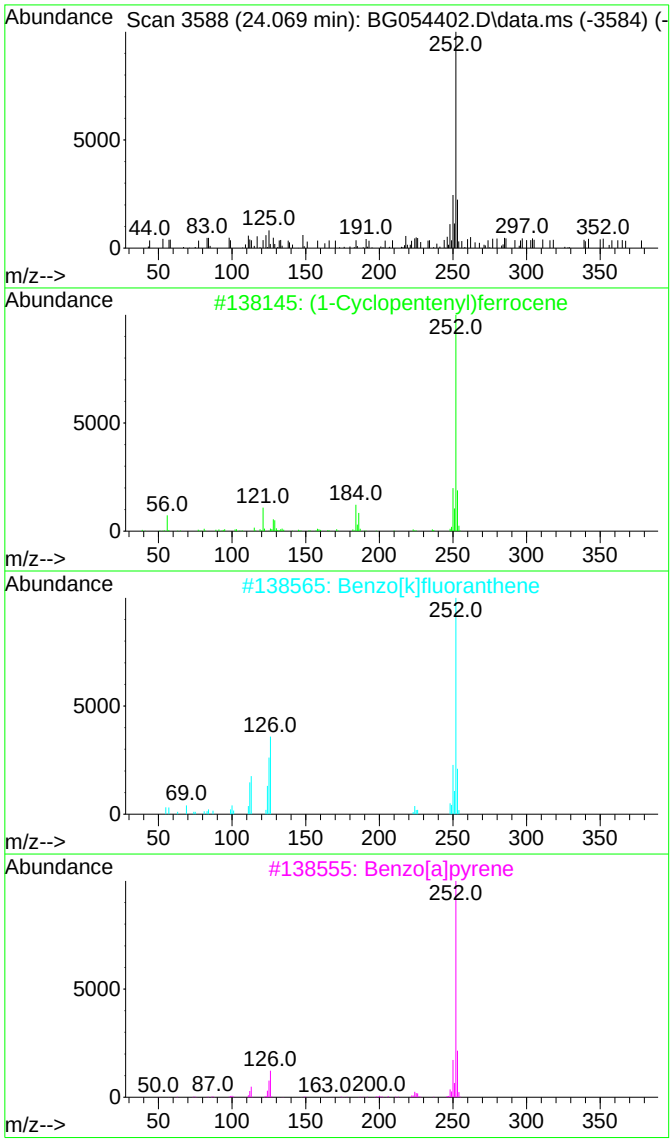
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

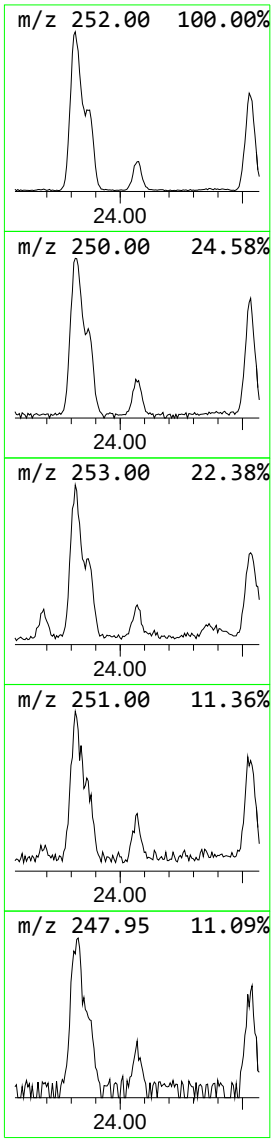
****

Peak Number 7 (1-Cyclopentenyl)ferrocene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.069	2.16 ng	37506	Perylene-d12	24.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	64
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	62
3	Benzo[a]pyrene	252	C20H12	000050-32-8	58
4	Benzo[e]pyrene	252	C20H12	000192-97-2	58
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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

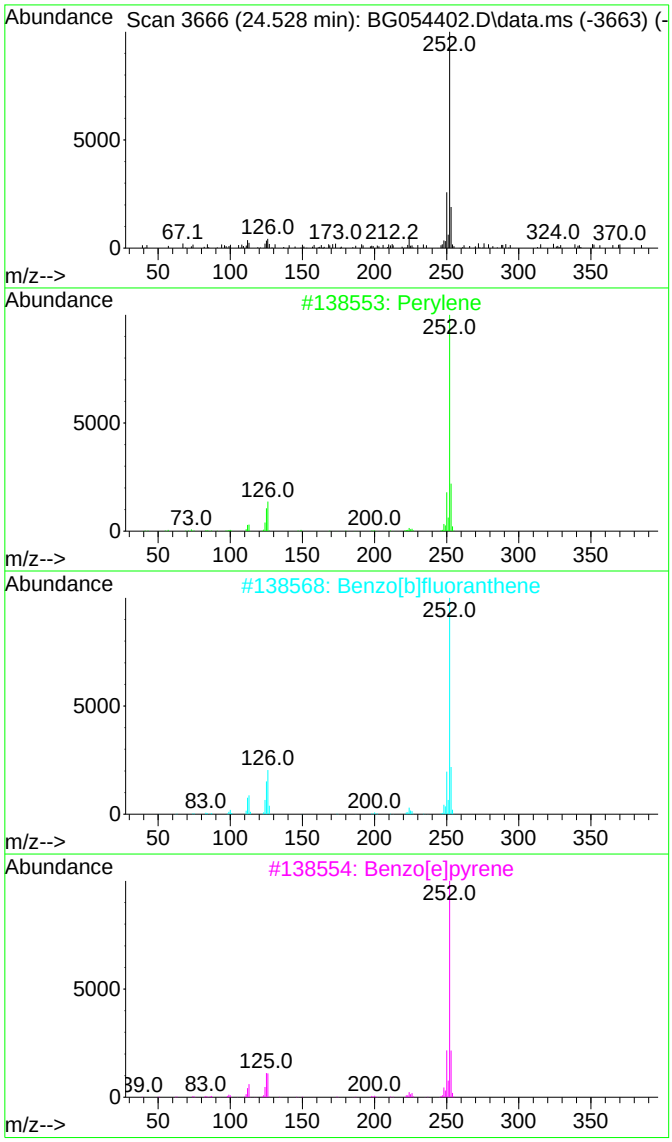
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

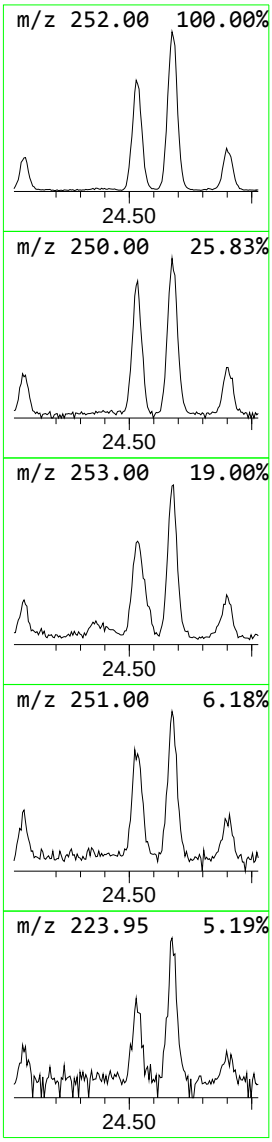
****

Peak Number 8 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.528	7.00 ng	121367	Perylene-d12	24.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	76
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	76
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	72
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072622\
Data File : BG054402.D
Acq On : 26 Jul 2022 17:37
Operator : CG/JU
Sample : N3839-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ENV-DE-1-(5-10)

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
1-Pentene, 2-me...	3.029	4.1	ng	19867	1	7.988	96578	20.0
Butane, 2-metho...	3.112	22.6	ng	109193	1	7.988	96578	20.0
Anthracene, 9-m...	18.247	2.8	ng	42373	4	17.365	304234	20.0
Anthracene, 1-m...	18.294	2.6	ng	40381	4	17.365	304234	20.0
4H-Cyclopenta[d...	18.435	3.4	ng	51821	4	17.365	304234	20.0
Cyclotetracosane	21.267	2.2	ng	63358	5	21.631	586952	20.0
(1-Cyclopenteny...	24.069	2.2	ng	37506	6	24.833	346727	20.0
Perylene	24.528	7.0	ng	121367	6	24.833	346727	20.0