LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 371

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053295.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.791	64	68	79	rBV	32543	57175	4.06%	0.458%
2	5.677	378	389	405	rBV	546472	925175	65.67%	7.405%
3	7.269	652	660	676	rBV	607456	1066992	75.73%	8.540%
4	8.109	795	803	810	rBV	132014	224186	15.91%	1.794%
5	9.272	993	1001	1010	rBV	381569	689496	48.94%	5.518%
6	9.689	1067	1072	1078	rBV	11380	14582	1.04%	0.117%
7	10.922	1271	1282	1288	rBV	177897	342884	24.34%	2.744%
8	13.354	1689	1696	1706	rVB	870743	1351248	95.91%	10.815%
9	13.554	1720	1730	1734	rBV2	10111	17968	1.28%	0.144%
10	14.054	1809	1815	1820	rBV3	8935	15725	1.12%	0.126%
11	14.459	1878	1884	1890	rBV3	9130	16292	1.16%	0.130%
12	14.688	1918	1923	1925	rBV3	14622	20074	1.42%	0.161%
13	14.729	1925	1930	1937	rVB	312120	490385	34.81%	3.925%
14	15.522	2057	2065	2068	rBV7	5526	14596	1.04%	0.117%
15	15.775	2104	2108	2118	rVB4	9804	20684	1.47%	0.166%
16	16.221	2176	2184	2194	rBV	758712	1236820	87.79%	9.899%
17	16.450	2221	2223	2228	rVB6	13035	17384	1.23%	0.139%
18	16.544	2236	2239	2244	rBV2	10367	17944	1.27%	0.144%
19	16.603	2244	2249	2255	rVB6	11007	22715	1.61%	0.182%
20	16.668	2255	2260	2265	rBV4	9493	14285	1.01%	0.114%
21	16.873	2290	2295	2300	rVB7	10945	20205	1.43%	0.162%
22	16.932	2300	2305	2309	rBV2	14078	19860	1.41%	0.159%
23	17.214	2348	2353	2358	rBV5	10782	17964	1.28%	0.144%
24	17.478	2391	2398	2402	rBV	362626	570175	40.47%	4.563%
25	17.519	2402	2405	2410	rVV	104440	152870	10.85%	1.224%
26	17.608	2414	2420	2425	rVB	14523	24097	1.71%	0.193%
27	18.060	2494	2497	2504	rVB7	11107	15901	1.13%	0.127%
28	18.130	2504	2509	2513	rBV2	23967	34688	2.46%	0.278%
29	18.354	2541	2547	2551	rBV2	72471	114716	8.14%	0.918%
30	18.401	2551	2555	2561	rVB	52302	82922	5.89%	0.664%
31	18.542	2575	2579	2584	rVV3	38503	81566	5.79%	0.653%
32	18.583	2584	2586	2593	rVB2	27553	37066	2.63%	0.297%
33	18.647	2593	2597	2601	rBV6	9695	16472	1.17%	0.132%
34	18.847	2627	2631	2635	rBV	16763	25284	1.79%	0.202%
35	18.882	2635	2637	2646	rVB7	15677	27145	1.93%	0.217%
36	19.088	2665	2672	2676	rBV6	16190	32242	2.29%	0.258%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.141	2677	2681	2685	rVV2	19912	25542	1.81%	0.204%
38	19.182	2685	2688	2692	rVB2	12411	14703	1.04%	0.118%
39	19.264	2696	2702	2704	rBV2	94812	139060	9.87%	1.113%
40	19.293	2704	2707	2715	rVB4	59818	100486	7.13%	0.804%
41	19.429	2721	2730	2734	rBV8	20614	62902	4.46%	0.503%
42	19.523	2741	2746	2752	rVB	186140	269088	19.10%	2.154%
43	19.628	2760	2764	2767	rBV5	24983	37025	2.63%	0.296%
44	19.852	2798	2802	2804	rBV4	30447	45580	3.24%	0.365%
45	19.887	2804	2808	2816	rVB	206103	302306	21.46%	2.420%
46	19.957	2816	2820	2825	rBV3	24075	38400	2.73%	0.307%
47	20.081	2835	2841	2846	rBV	1090758	1408868	100.00%	11.276%
48	20.210	2858	2863	2864	rBV4	20649	31770	2.26%	0.254%
49	20.374	2888	2891	2898	rVB	42887	64010	4.54%	0.512%
50	20.474	2905	2908	2913	rBV	17163	21453	1.52%	0.172%
51	20.539	2916	2919	2923	rVB2	27631	37377	2.65%	0.299%
52	20.674	2938	2942	2946	rBV	29068	50311	3.57%	0.403%
53	20.721	2948	2950	2953	rVB	18946	18474	1.31%	0.148%
54	21.203	3028	3032	3035	rVB2	24856	34104	2.42%	0.273%
55	21.385	3059	3063	3067	rBV4	50739	79252	5.63%	0.634%
56	21.631	3102	3105	3109	rVB3	44626	59297	4.21%	0.475%
57	21.761	3119	3127	3132	rBV3	343150	728198	51.69%	5.828%
58	21.808	3132	3135	3141	rVB	81568	129123	9.17%	1.033%
59	24.005	3505	3509	3518	rBV2	40670	117186	8.32%	0.938%
60	24.757	3631	3637	3645	rVB	43546	114409	8.12%	0.916%
61	24.898	3655	3661	3673	rVB2	52794	172340	12.23%	1.379%
62	25.056	3680	3688	3697	rBV2	189862	543286	38.56%	4.348%

Sum of corrected areas: 12494333

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Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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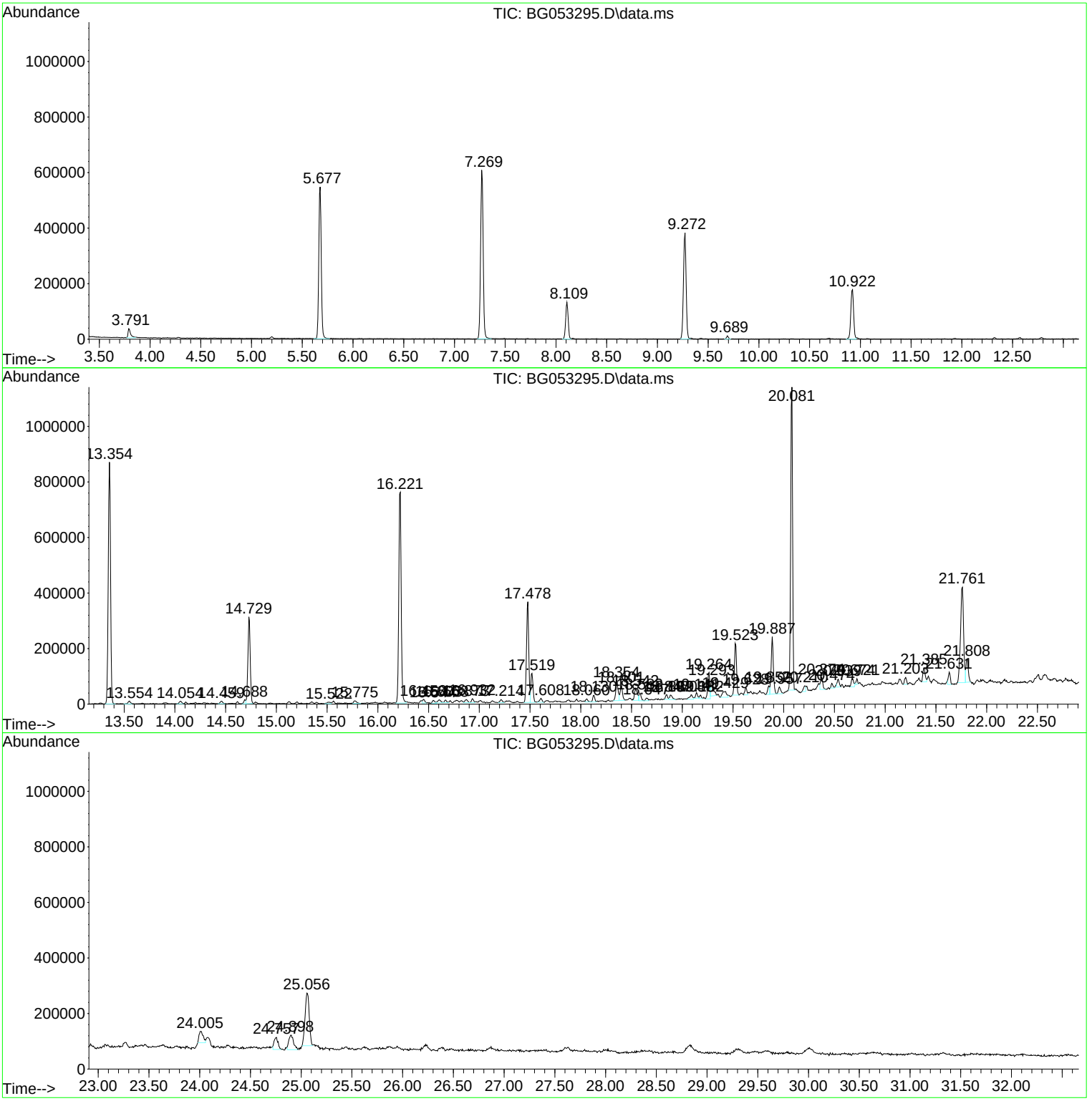
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

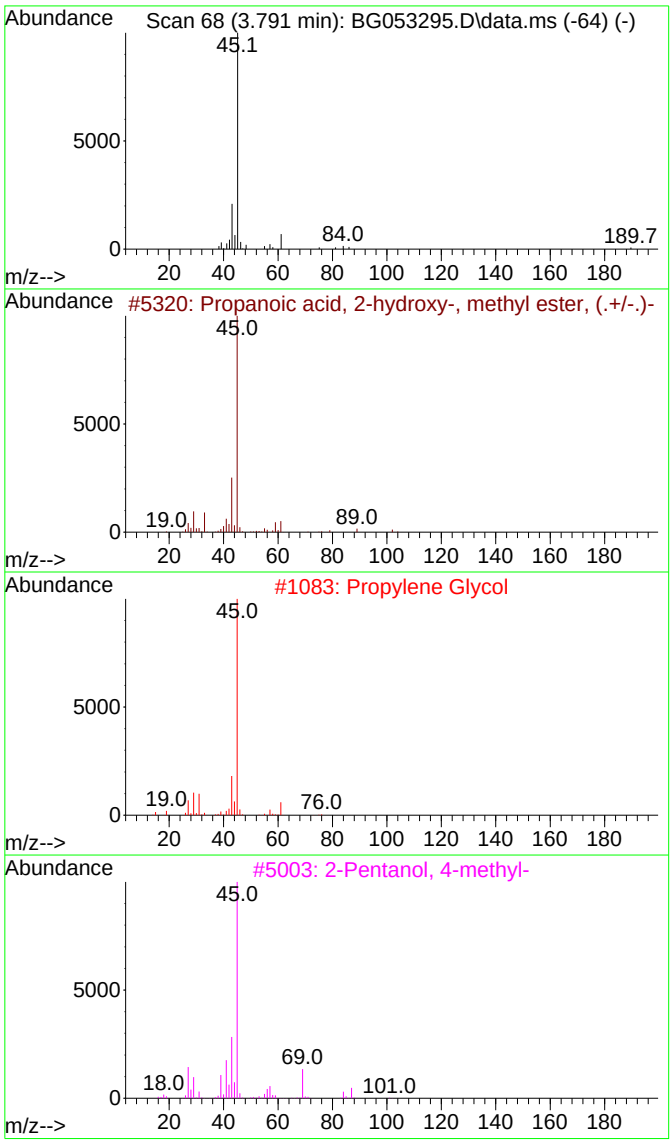
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

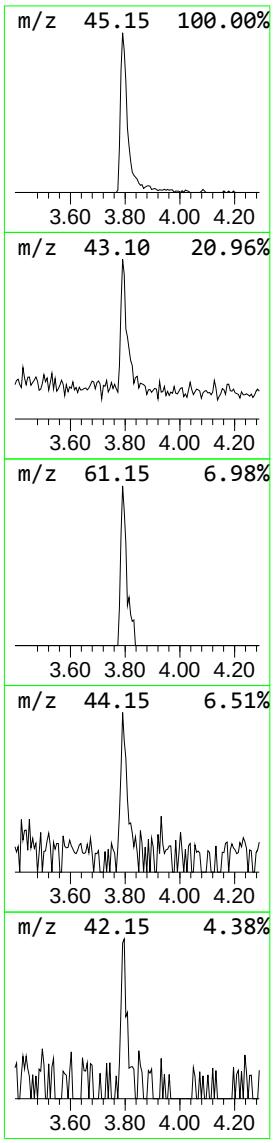
****

Peak Number 1 unknown3.791 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.791	5.10 ng	57175	1,4-Dichlorobenzene-d4	8.109

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
2	Propylene Glycol	76	C3H8O2	000057-55-6	40
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
4	2-Hexanol	102	C6H14O	000626-93-7	40
5	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

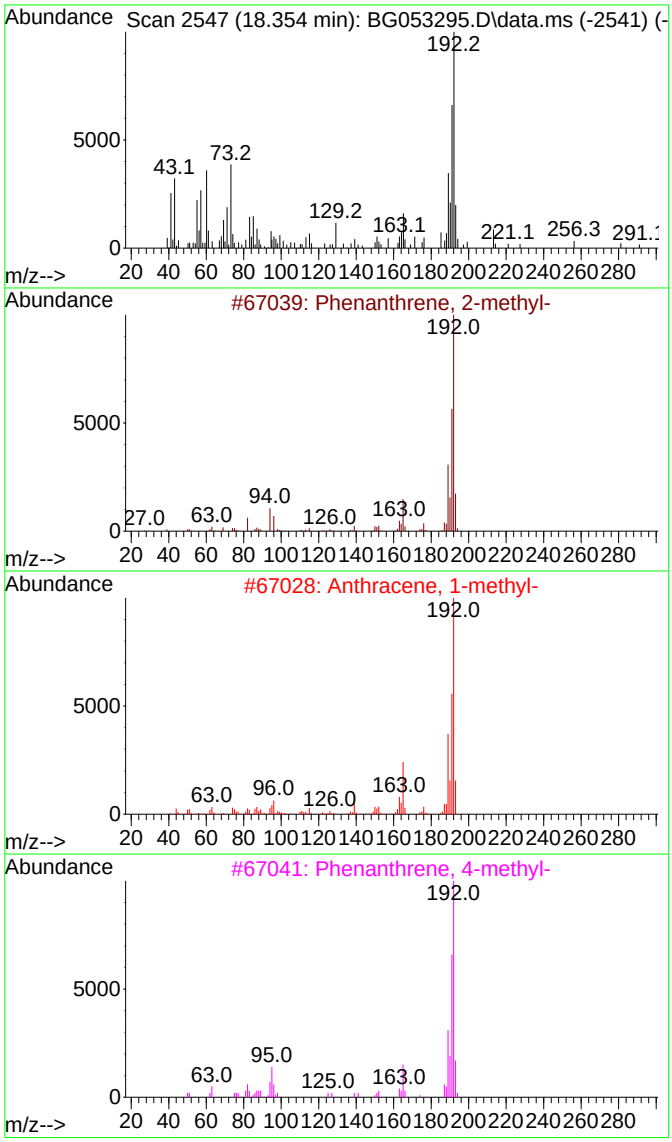
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

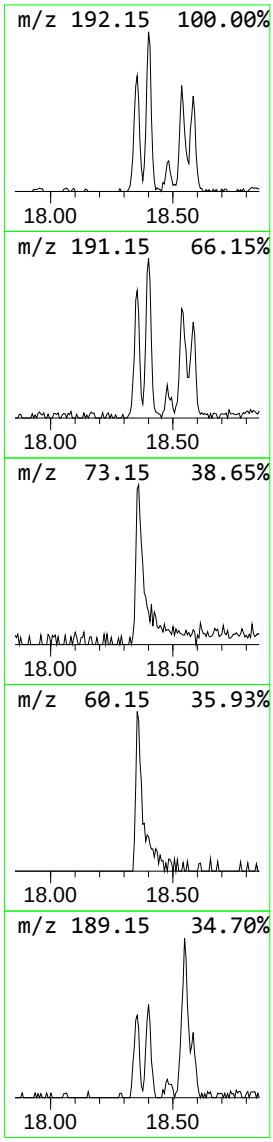
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.354	4.02 ng	114716	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

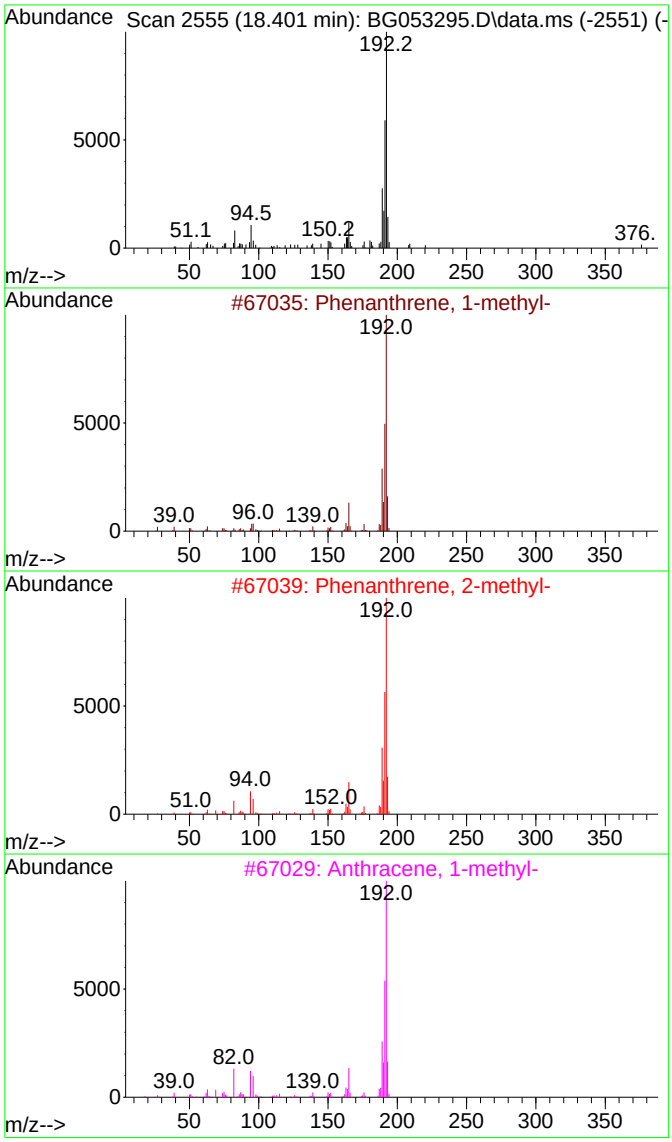
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

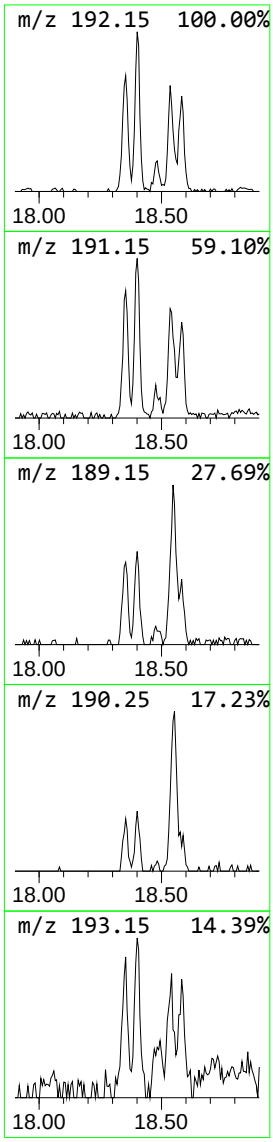
****

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.401	2.91 ng	82922	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

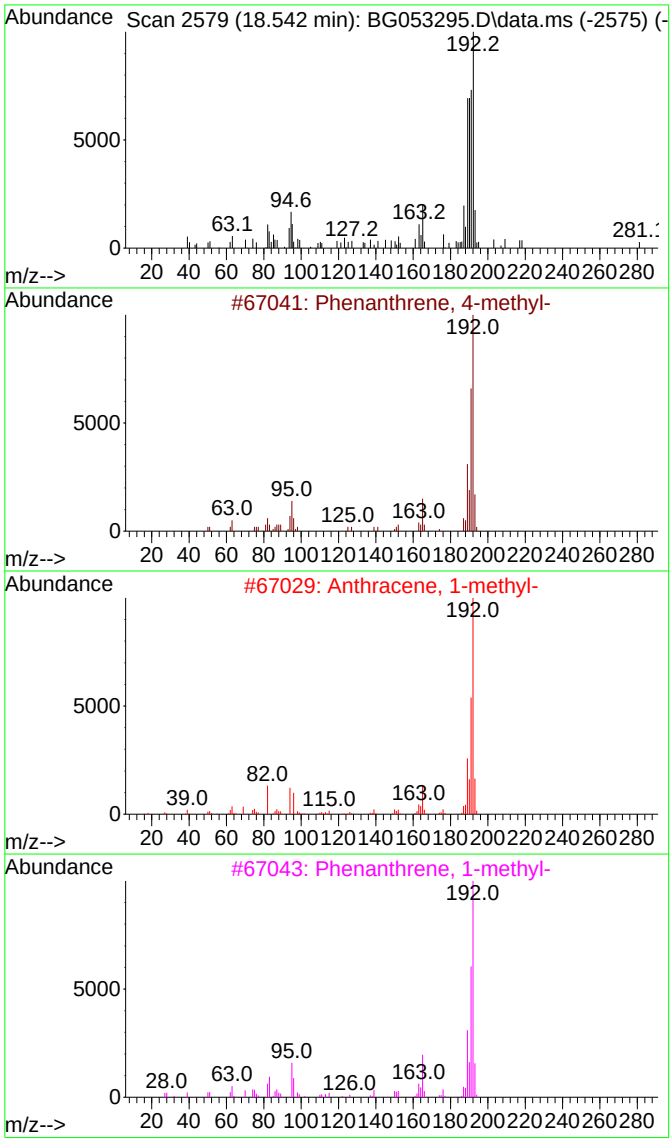
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

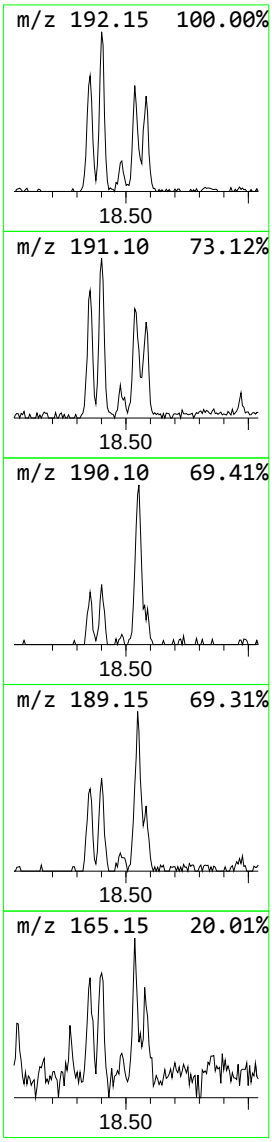
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.541	2.86 ng	81566	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	64
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	58
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	52





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Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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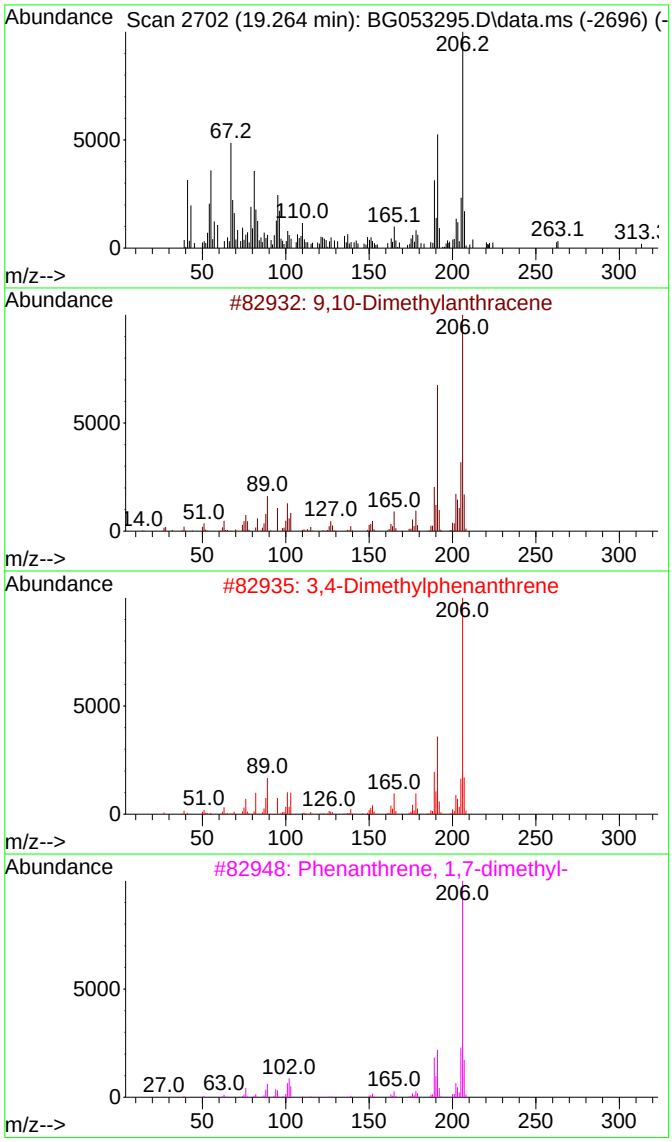
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

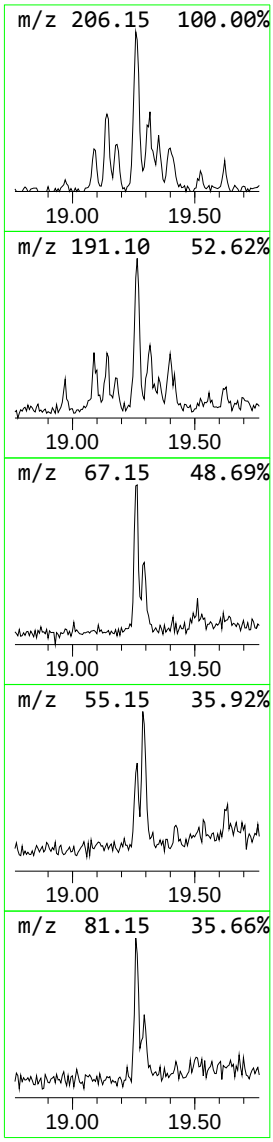
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9,10-Dimethylanthracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.264	4.88 ng	139060	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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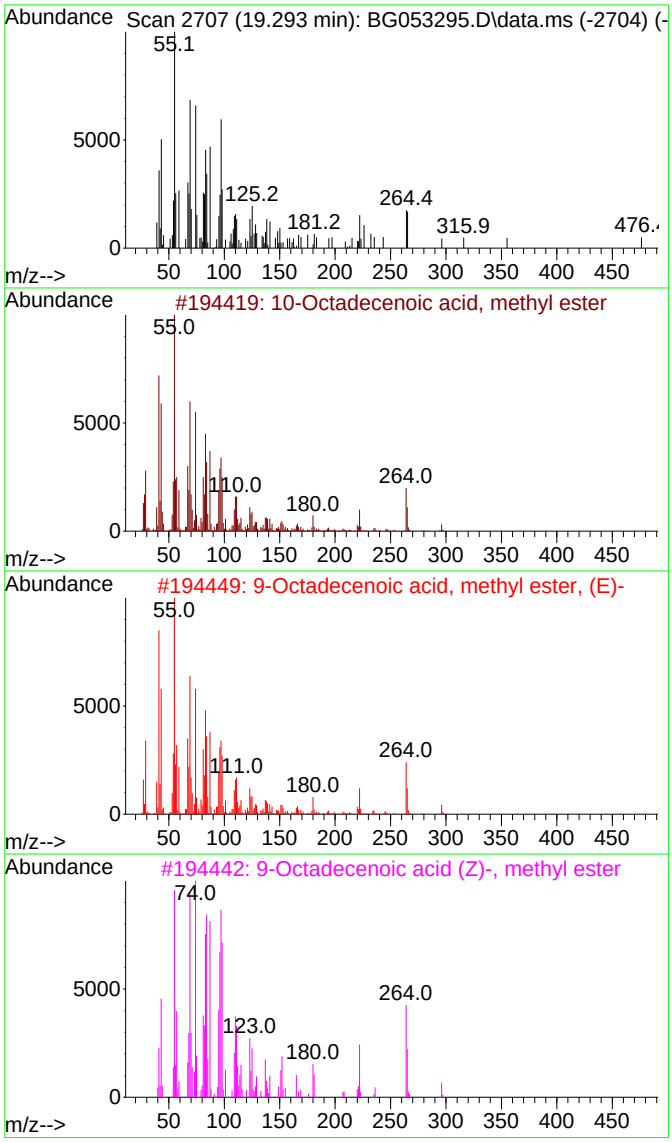
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

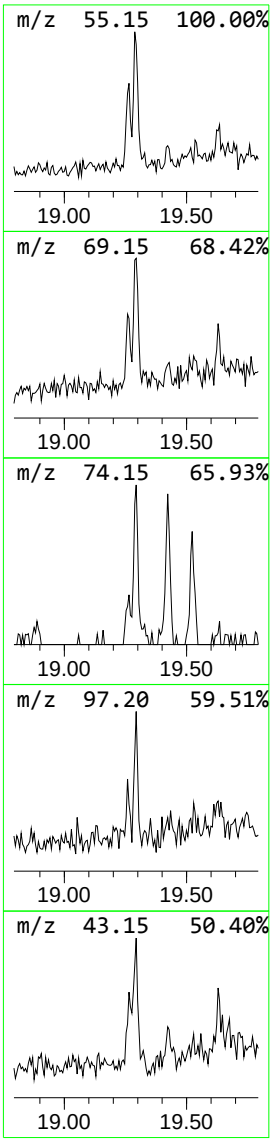
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 10-Octadecenoic acid, methy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.294	3.52 ng	100486	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	98
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	96
4	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
5	cis-12-Octadecenoic acid methyl ...	296	C19H36O2	1000427-68-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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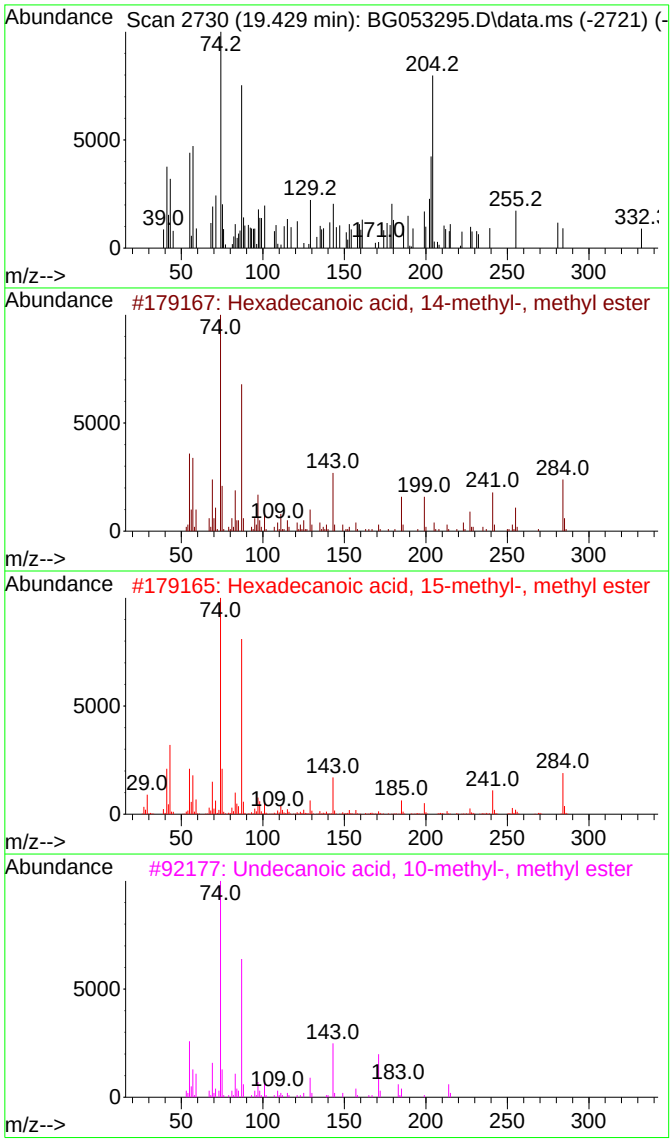
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

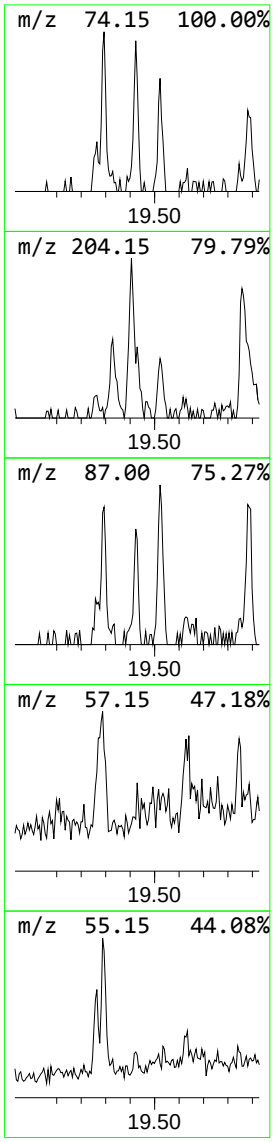
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Hexadecanoic acid, 14-methy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.429	2.21 ng	62902	Phenanthrene-d10	17.478

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	50
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	45
3	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	41
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	38
5	Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
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Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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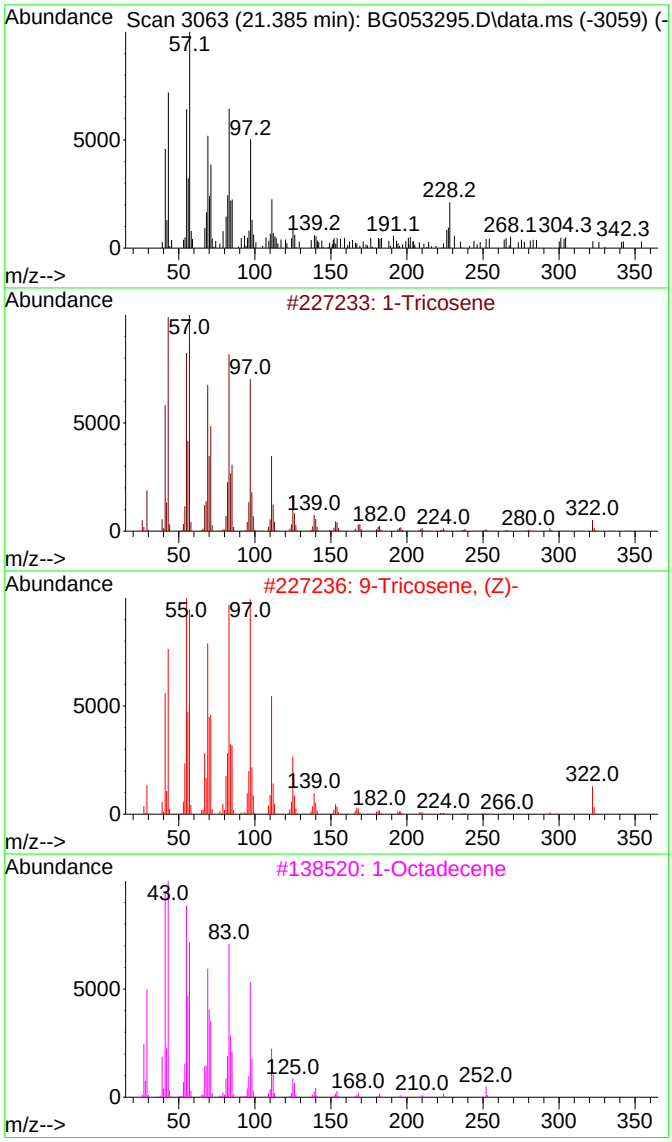
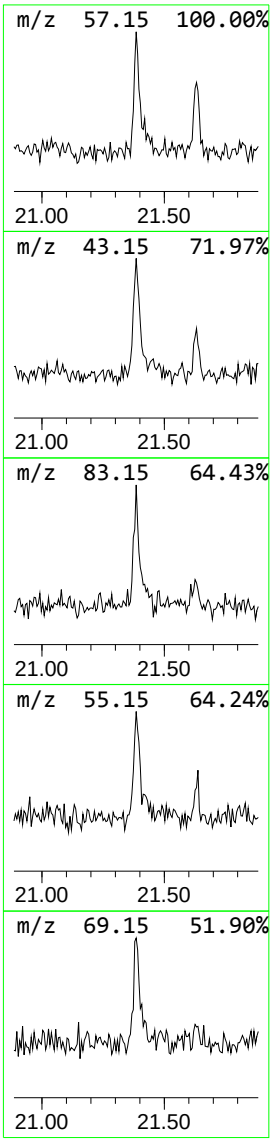
Peak Number 8 1-Tricosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.385	2.18 ng	79252	Chrysene-d12	21.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
3	1-Octadecene	252	C18H36	000112-88-9	91
4	11-Tricosene	322	C23H46	052078-56-5	90
5	E-7-Octadecene	252	C18H36	1000130-92-0	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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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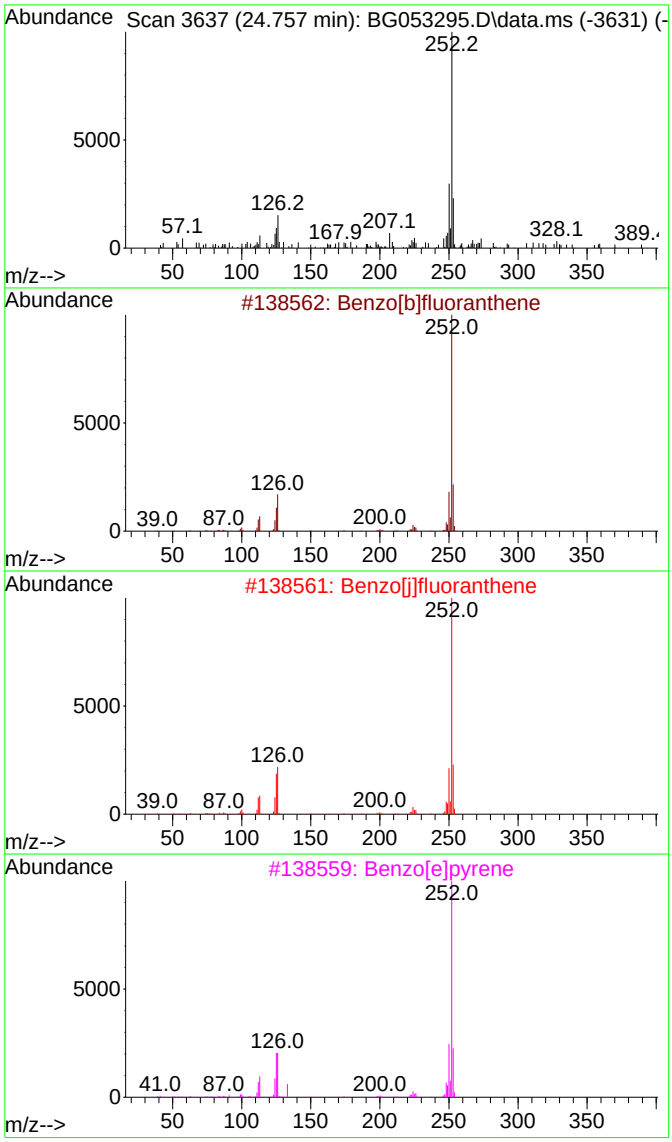
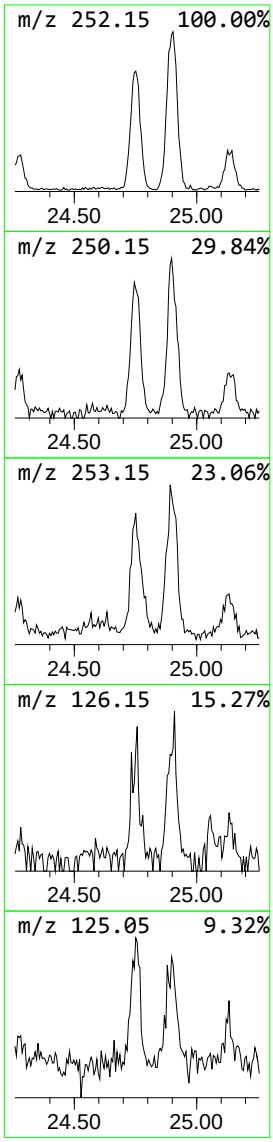
Peak Number 9 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.757	4.21 ng	114409	Perylene-d12	25.056

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
3	Benzo[e]pyrene	252	C20H12	000192-97-2	86
4	Perylene	252	C20H12	000198-55-0	86
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042322\
Data File : BG053295.D
Acq On : 23 Apr 2022 16:21
Operator : CG/JU
Sample : N2477-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
371

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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
unknown3.791	3.791	5.1	ng	57175	1	8.109	224186	20.0
Phenanthrene, 2...	18.354	4.0	ng	114716	4	17.478	570175	20.0
Phenanthrene, 1...	18.401	2.9	ng	82922	4	17.478	570175	20.0
Phenanthrene, 4...	18.541	2.9	ng	81566	4	17.478	570175	20.0
9,10-Dimethylan...	19.264	4.9	ng	139060	4	17.478	570175	20.0
10-Octadecenoic...	19.294	3.5	ng	100486	4	17.478	570175	20.0
Hexadecanoic ac...	19.429	2.2	ng	62902	4	17.478	570175	20.0
1-Tricosene	21.385	2.2	ng	79252	5	21.761	728198	20.0
Benzo[j]fluoran...	24.757	4.2	ng	114409	6	25.056	543286	20.0