LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056538.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.311	337	344	352	rVB	111768	174222	8.46%	0.815%
2	5.793	419	426	437	rBB	452773	739485	35.92%	3.458%
3	7.421	695	703	712	rBV	463755	793665	38.56%	3.712%
4	8.273	839	848	856	rBV	121326	199924	9.71%	0.935%
5	9.448	1040	1048	1056	rBV	269211	475497	23.10%	2.224%
6	11.105	1323	1330	1338	rBV	153459	278946	13.55%	1.305%
7	13.520	1734	1741	1747	rBV	919762	1419829	68.97%	6.640%
8	14.618	1923	1928	1935	rVB2	18615	31250	1.52%	0.146%
9	14.894	1965	1975	1981	rBV	275274	441711	21.46%	2.066%
10	14.953	1981	1985	1992	rVB	20325	30601	1.49%	0.143%
11	15.276	2032	2040	2046	rBV3	21009	46260	2.25%	0.216%
12	15.494	2070	2077	2080	rBV6	19181	44492	2.16%	0.208%
13	15.899	2128	2146	2174	rBV6	214381	1771469	86.06%	8.284%
14	16.228	2198	2202	2208	rVB2	27784	47536	2.31%	0.222%
15	16.375	2221	2227	2242	rVB	677496	1048320	50.93%	4.903%
16	17.286	2377	2382	2388	rBV	78498	131963	6.41%	0.617%
17	17.450	2406	2410	2414	rBV	15335	21677	1.05%	0.101%
18	17.632	2435	2441	2445	rBV	343358	544060	26.43%	2.544%
19	17.673	2445	2448	2455	rVB	244120	339987	16.52%	1.590%
20	17.767	2459	2464	2470	rBV	41395	69388	3.37%	0.324%
21	18.032	2504	2509	2516	rBV2	23253	41459	2.01%	0.194%
22	18.214	2536	2540	2545	rVB3	23756	37262	1.81%	0.174%
23	18.349	2561	2563	2570	rVB6	16774	28942	1.41%	0.135%
24	18.426	2573	2576	2578	rVV4	19199	28050	1.36%	0.131%
25	18.478	2580	2585	2593	rVV2	298980	542665	26.36%	2.538%
26	18.549	2593	2597	2604	rVB2	94416	137360	6.67%	0.642%
27	18.690	2616	2621	2625	rBV2	73361	150213	7.30%	0.702%
28	18.731	2625	2628	2631	rVB	42232	52146	2.53%	0.244%
29	18.896	2652	2656	2658	rVB4	15543	21286	1.03%	0.100%
30	18.984	2668	2671	2674	rBV	36100	51827	2.52%	0.242%
31	19.031	2675	2679	2688	rVB4	52252	107120	5.20%	0.501%
32	19.225	2706	2712	2716	rBV4	27819	55719	2.71%	0.261%
33	19.277	2718	2721	2725	rVB	24579	31150	1.51%	0.146%
34	19.319	2725	2728	2734	rVB2	18904	28544	1.39%	0.133%
35	19.401	2736	2742	2746	rBV	71972	124073	6.03%	0.580%
36	19.548	2762	2767	2771	rBV4	43594	91865	4.46%	0.430%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.595	2772	2775	2776	rBV2	26135	28252	1.37%	0.132%
38	19.665	2782	2787	2791	rBV	496010	713092	34.64%	3.335%
39	19.736	2791	2799	2808	rVB	451384	885074	43.00%	4.139%
40	19.988	2838	2842	2845	rBV2	70926	120816	5.87%	0.565%
41	20.030	2845	2849	2855	rVV	501285	697022	33.86%	3.260%
42	20.094	2856	2860	2864	rVB2	43988	60006	2.92%	0.281%
43	20.206	2873	2879	2885	rBV	1532362	2058516	100.00%	9.627%
44	20.317	2894	2898	2902	rBV4	83882	147764	7.18%	0.691%
45	20.453	2916	2921	2928	rBV2	167237	364646	17.71%	1.705%
46	20.670	2955	2958	2962	rVB	55543	65856	3.20%	0.308%
47	20.811	2978	2982	2985	rBV	66283	96363	4.68%	0.451%
48	20.858	2986	2990	3001	rVB2	53035	117519	5.71%	0.550%
49	20.975	3008	3010	3016	rVB7	34485	40662	1.98%	0.190%
50	21.152	3034	3040	3052	rVB	186798	353487	17.17%	1.653%
51	21.287	3059	3063	3069	rVB	67160	106814	5.19%	0.500%
52	21.498	3094	3099	3108	rVB3	115760	305828	14.86%	1.430%
53	21.581	3109	3113	3117	rVV2	40130	61971	3.01%	0.290%
54	21.757	3139	3143	3151	rVB2	123093	198541	9.64%	0.928%
55	21.921	3162	3171	3176	rBV3	581733	1389454	67.50%	6.498%
56	21.974	3176	3180	3188	rVB	213959	380063	18.46%	1.777%
57	22.068	3193	3196	3201	rVB2	50236	68131	3.31%	0.319%
58	22.127	3201	3206	3215	rVB2	75432	150975	7.33%	0.706%
59	22.697	3299	3303	3309	rVB3	73544	142786	6.94%	0.668%
60	22.814	3318	3323	3335	rVB3	156222	383490	18.63%	1.793%
61	23.849	3493	3499	3507	rVB5	134427	351015	17.05%	1.642%
62	24.254	3560	3568	3585	rBV2	182425	868835	42.21%	4.063%
63	25.024	3693	3699	3703	rBV	95229	234806	11.41%	1.098%
64	25.182	3719	3726	3734	rBV	118140	282797	13.74%	1.323%
65	25.347	3747	3754	3763	rVB2	190041	528667	25.68%	2.472%

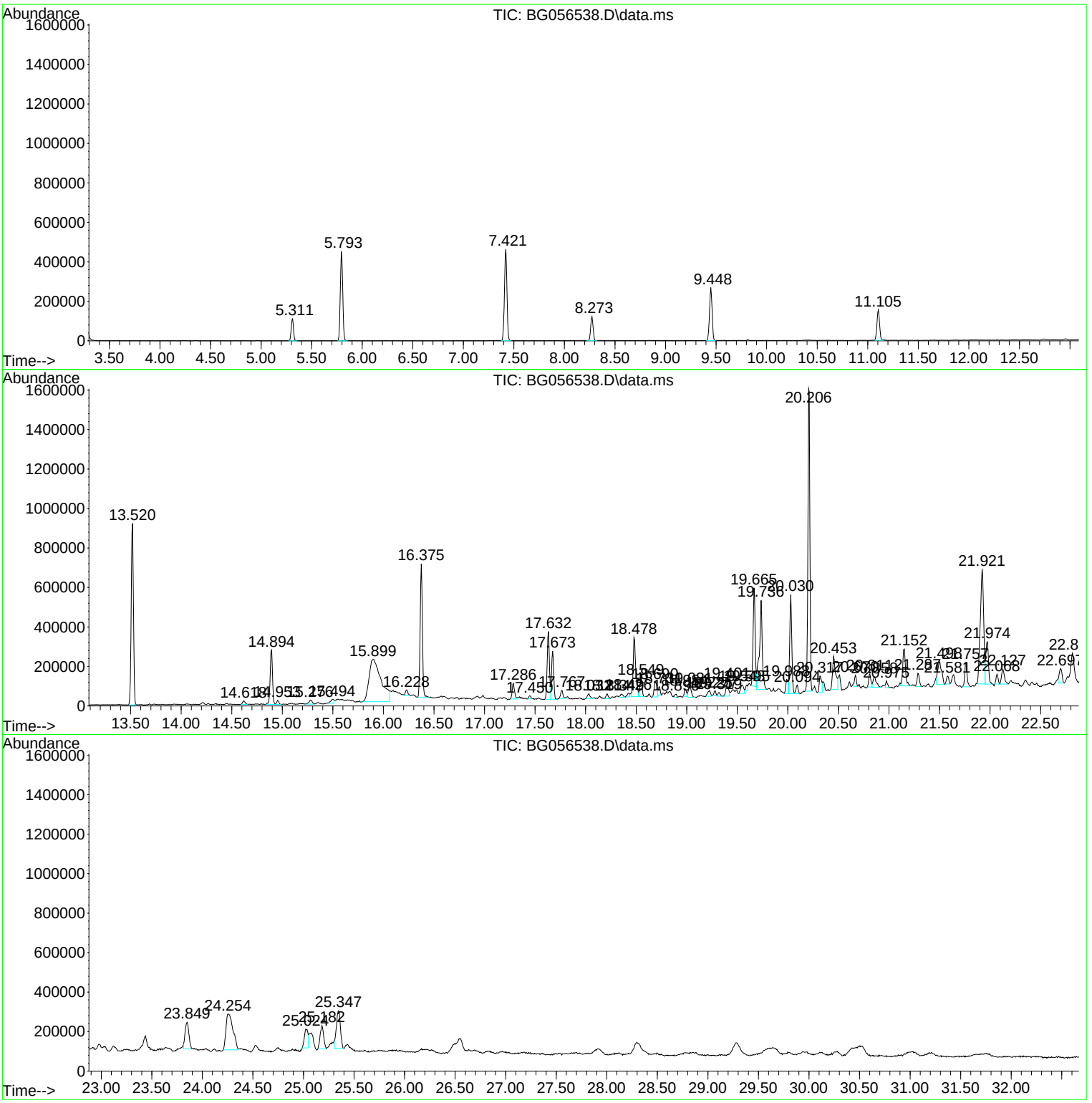
Sum of corrected areas: 21383211

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

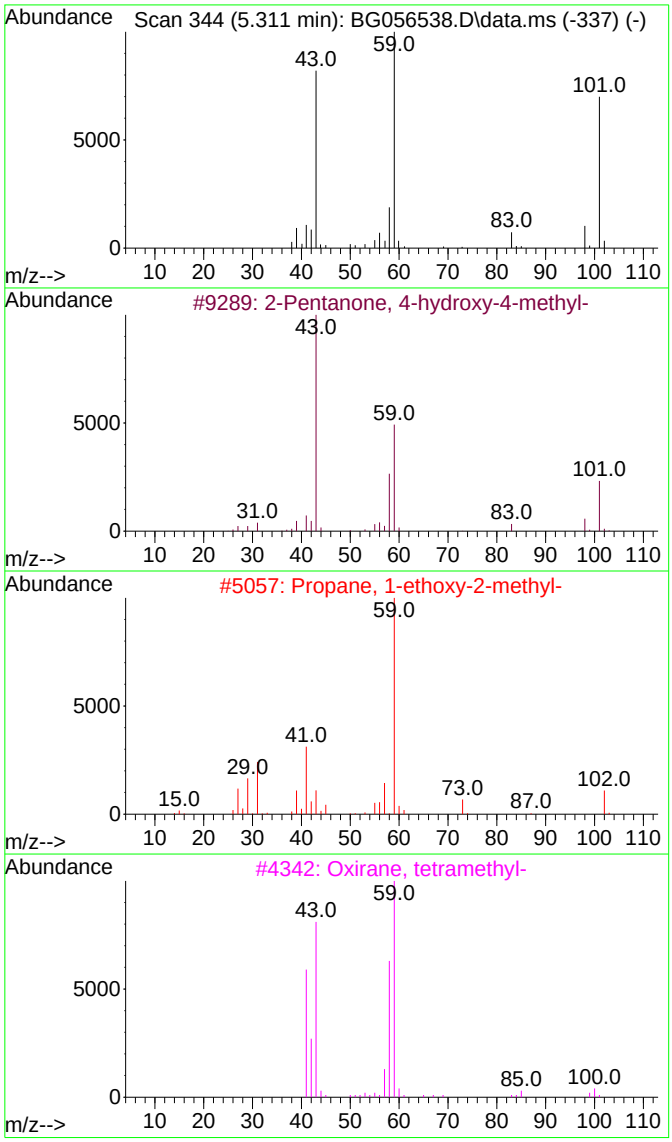
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

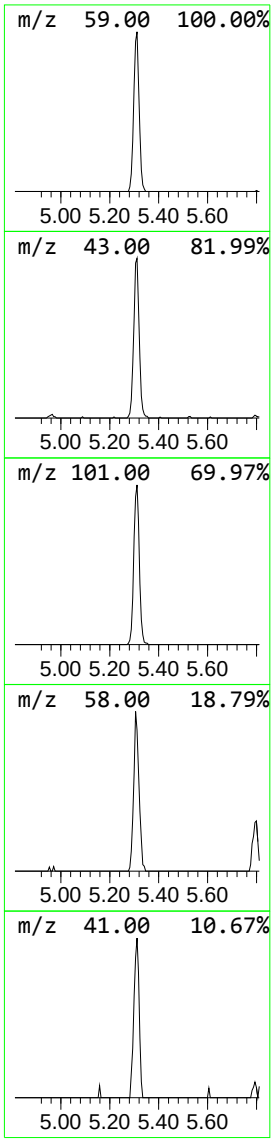
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.311	17.43 ng	174222	1,4-Dichlorobenzene-d4	8.273

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

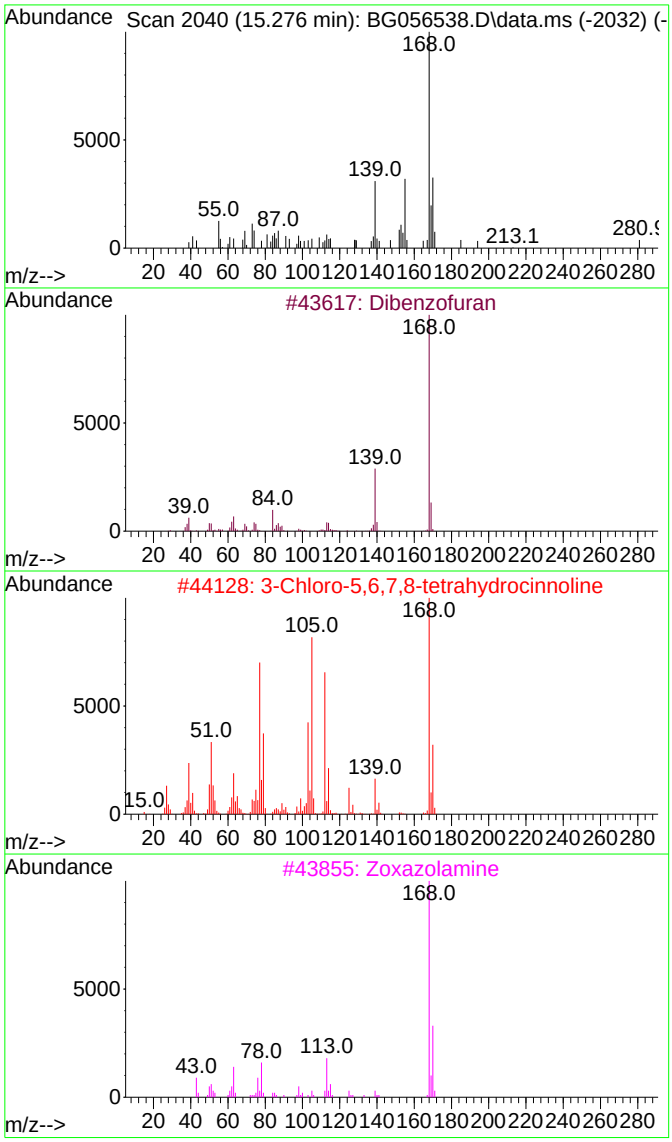
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

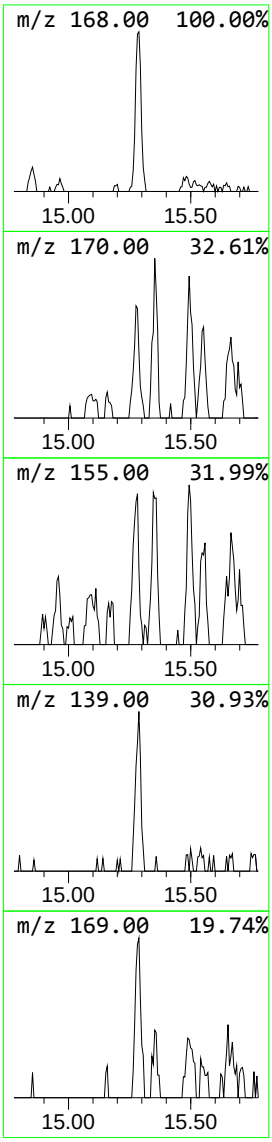
****

Peak Number 2 unknown15.276 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.276	2.09 ng	46260	Acenaphthene-d10	14.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	58
2	3-Chloro-5,6,7,8-tetrahydrocinno...	168	C8H9ClN2	032078-92-5	47
3	Zoxazolamine	168	C7H5ClN2O	000061-80-3	47
4	Piperazine, N-[2-hydroxy-5-acety...	387	C21H26ClN3O2	1000253-94-7	47
5	6-Chloropurine, N-(3-methylbutyl)-	224	C10H13ClN4	1000453-14-8	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

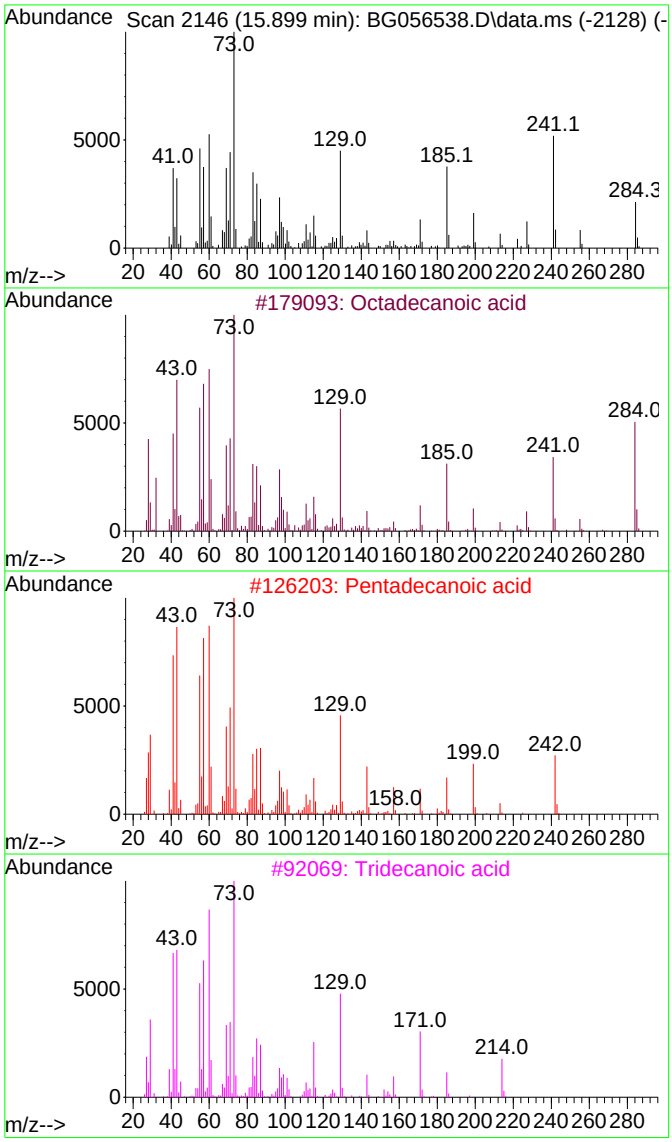
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

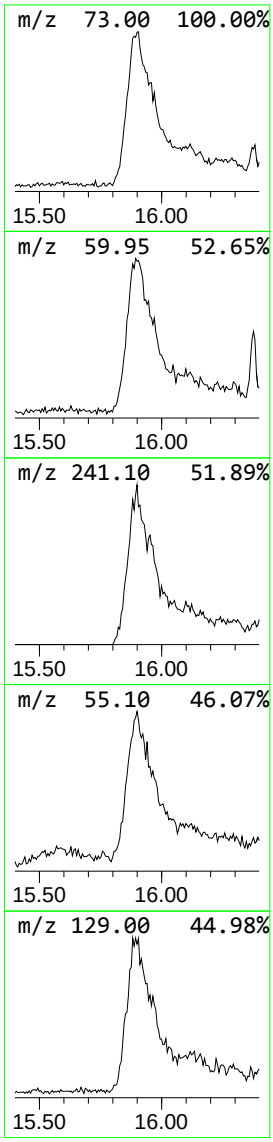
****

Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.899	80.21 ng	1771470	Acenaphthene-d10	14.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tridecanoic acid	214	C13H26O2	000638-53-9	49
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	n-Decanoic acid	172	C10H20O2	000334-48-5	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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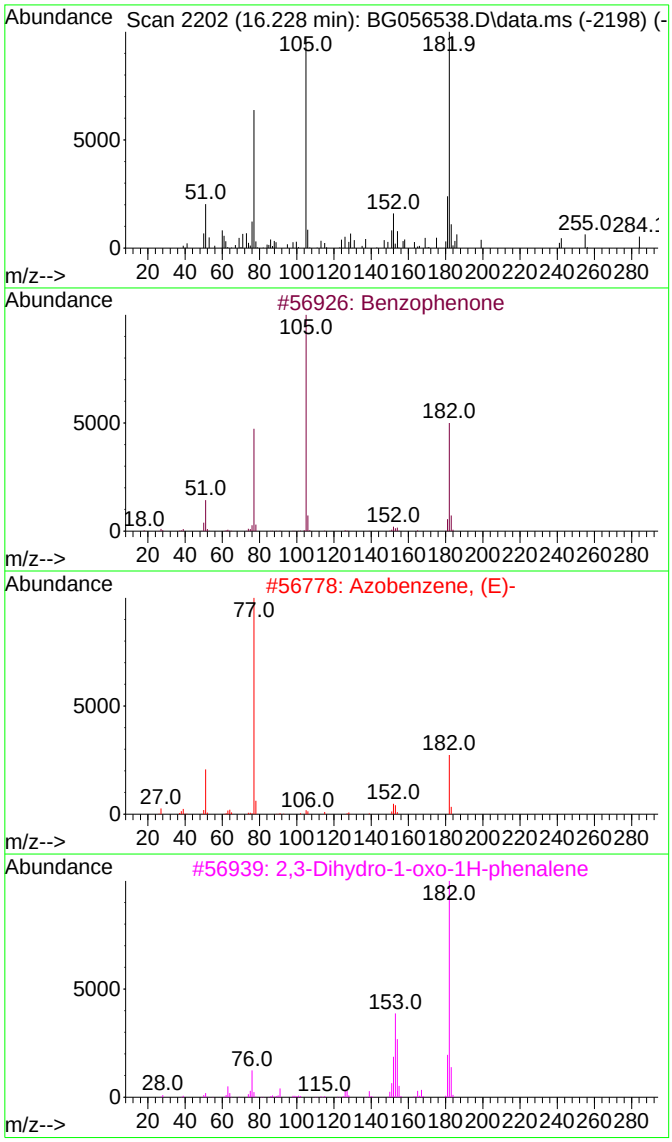
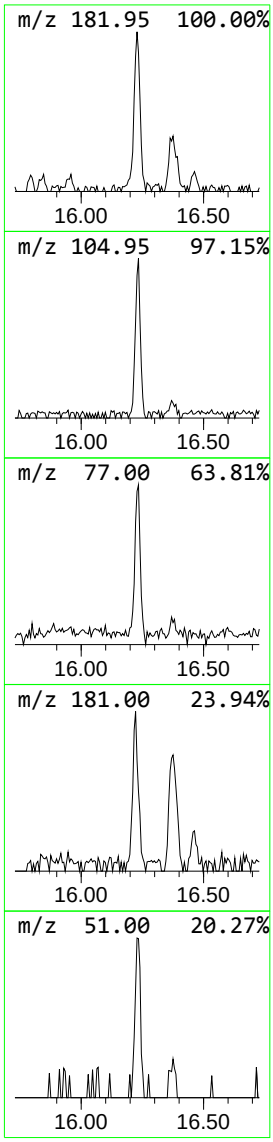
Peak Number 4 Benzophenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.228	2.15 ng	47536	Acenaphthene-d10	14.889

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	74
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	53
3	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	46
4	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	46
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

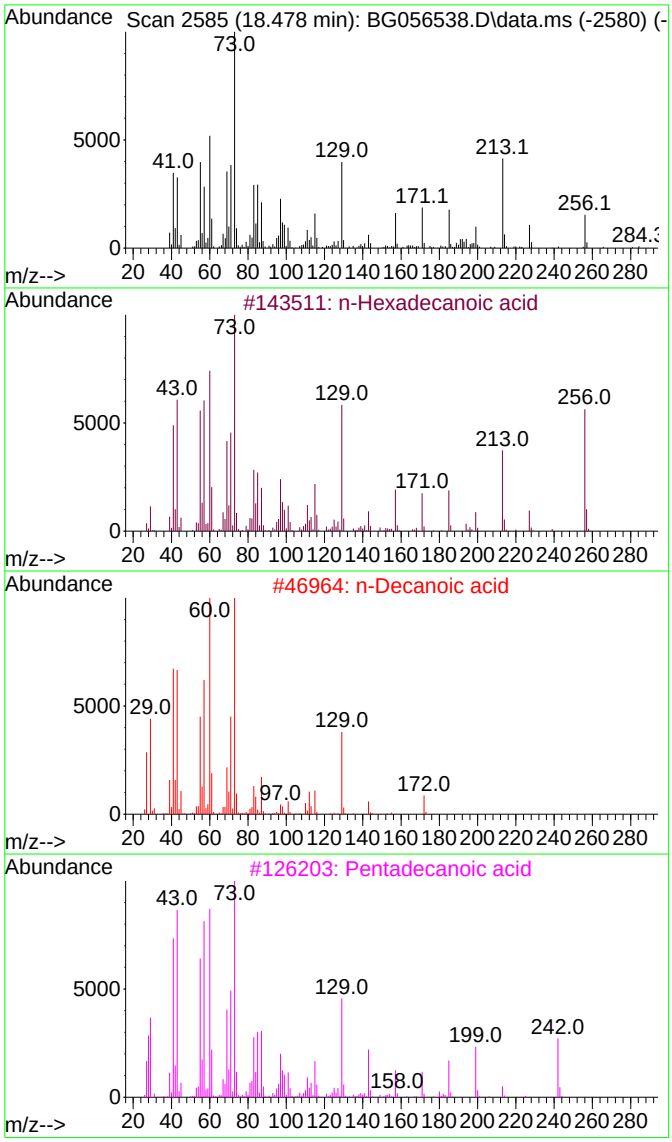
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

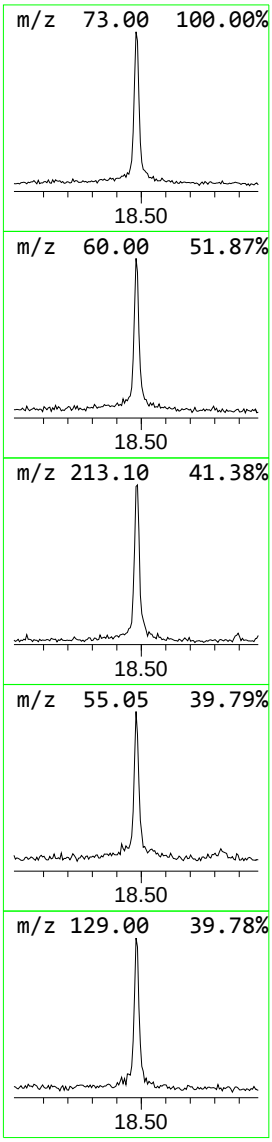
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.478	19.95 ng	542665	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

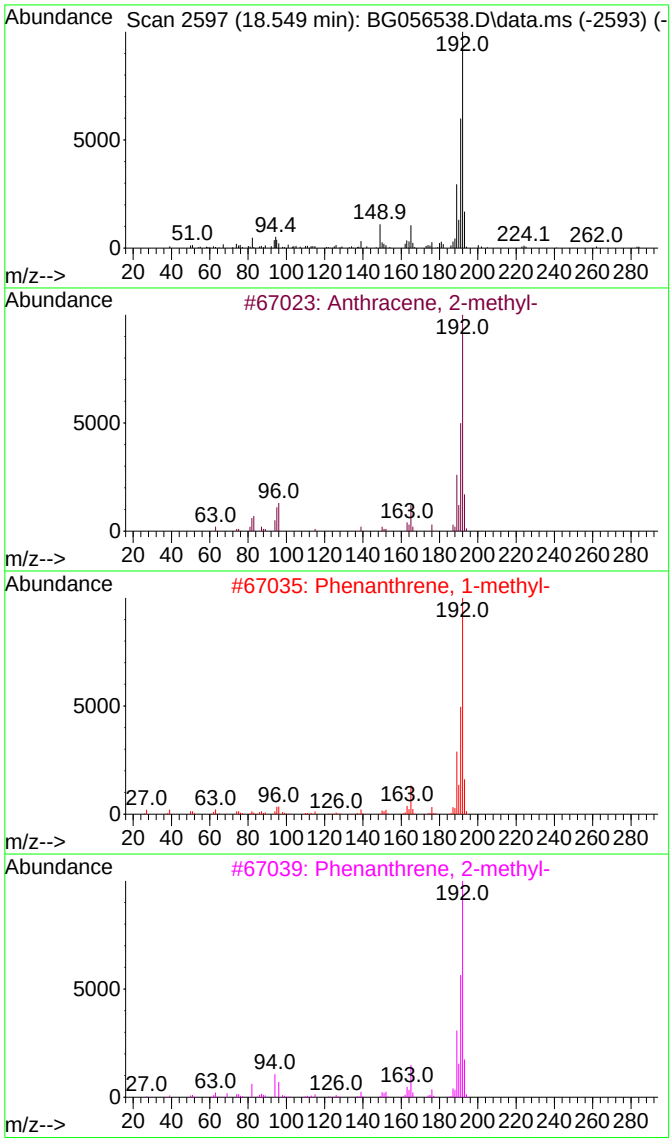
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

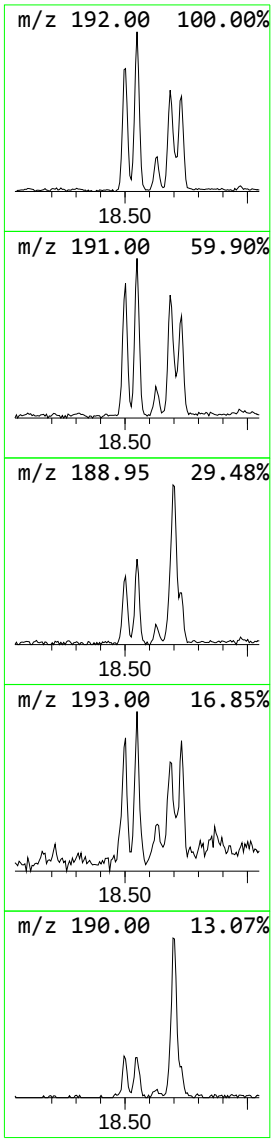
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.549	5.05 ng	137360	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

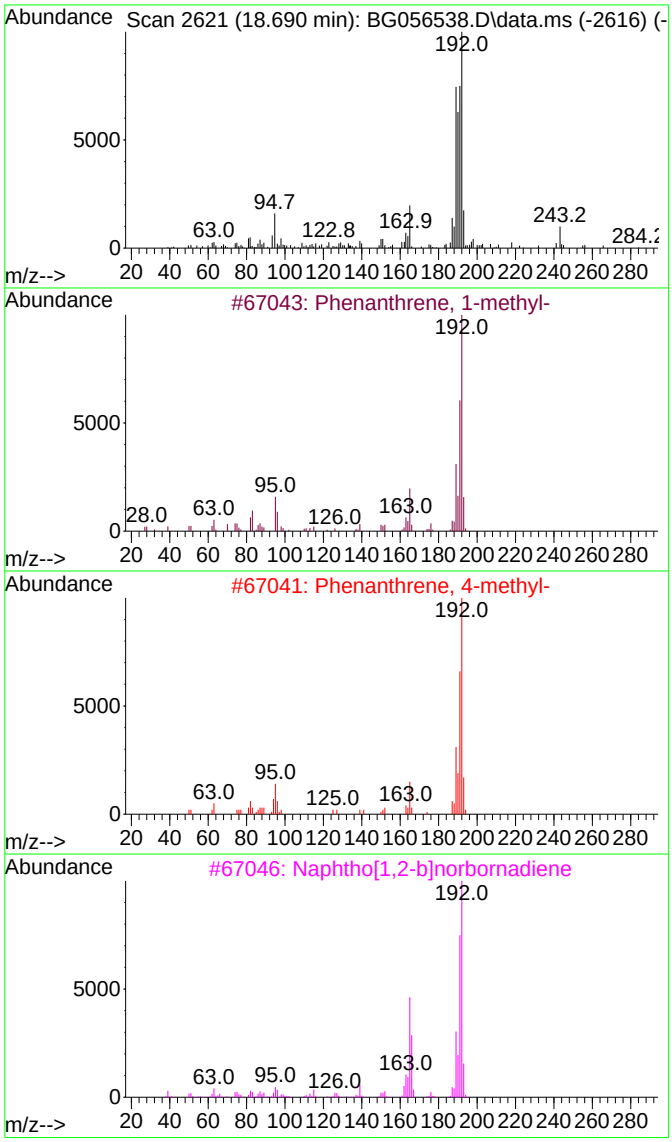
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

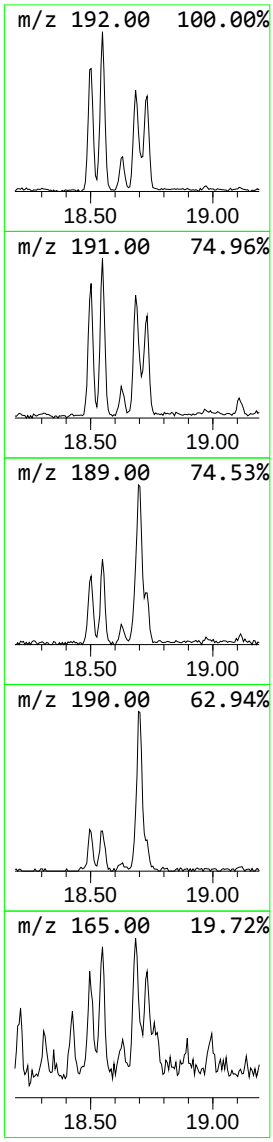
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.690	5.52 ng	150213	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	55
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	55
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	49
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	49





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Operator : CG/JU
Sample : 01410-01
Misc :
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ClientSampleId :
72-12013

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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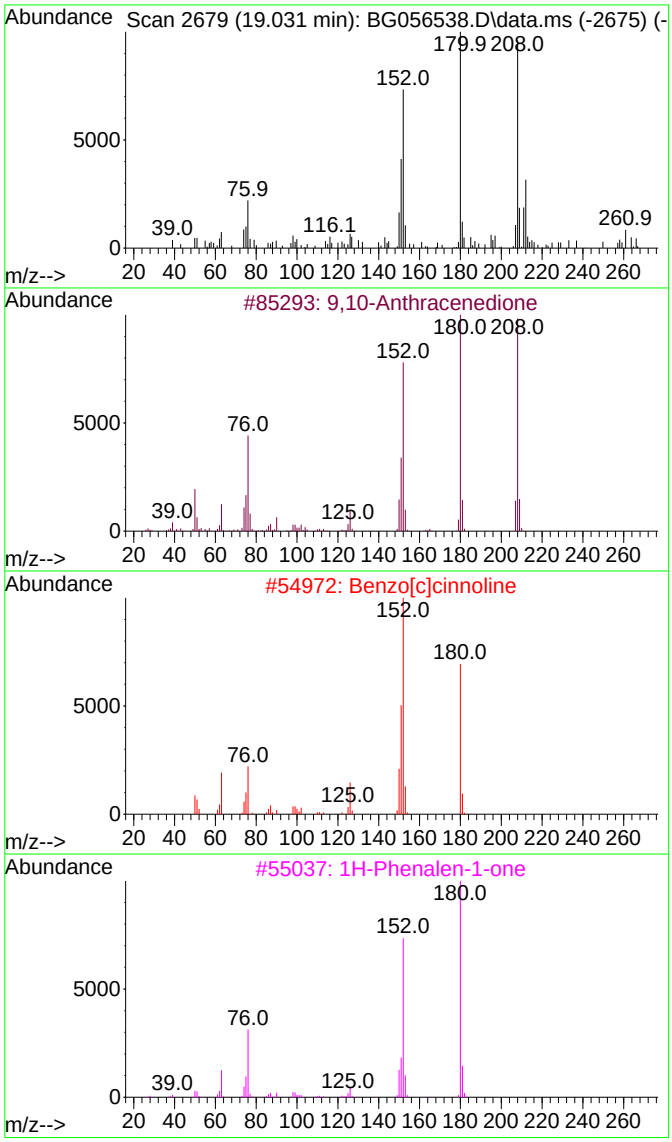
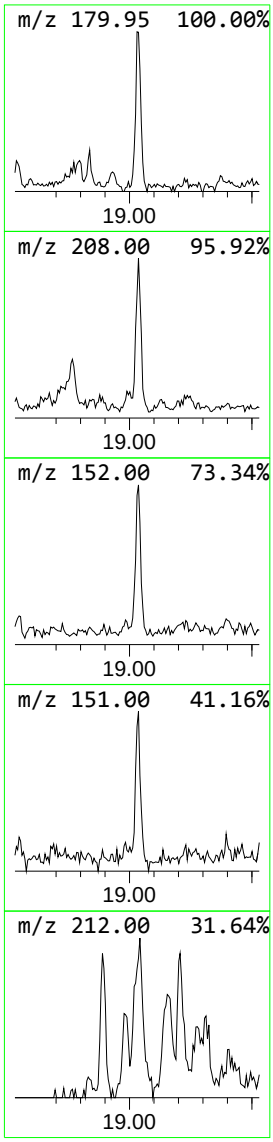
Peak Number 8 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.031	3.94 ng	107120	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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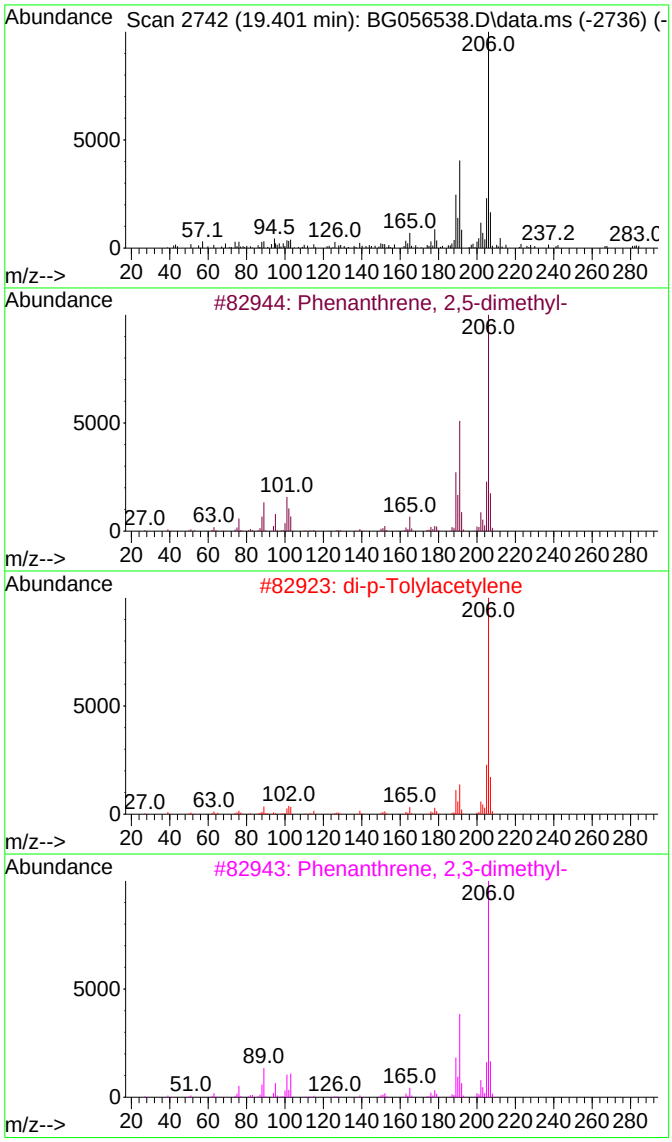
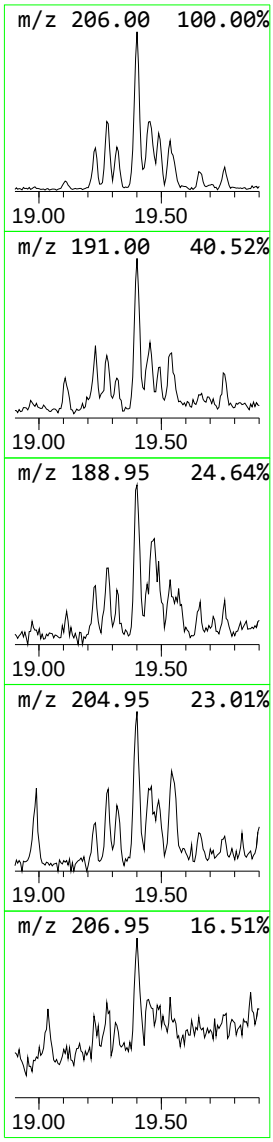
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.401	4.56 ng	124073	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





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ClientSampleId :
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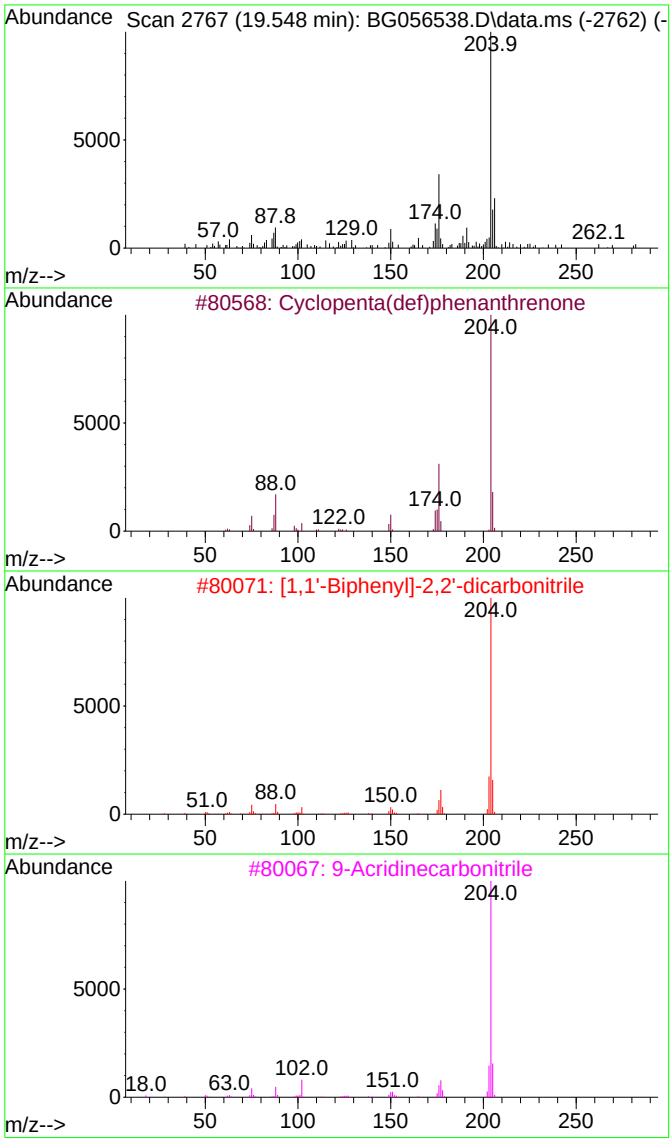
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

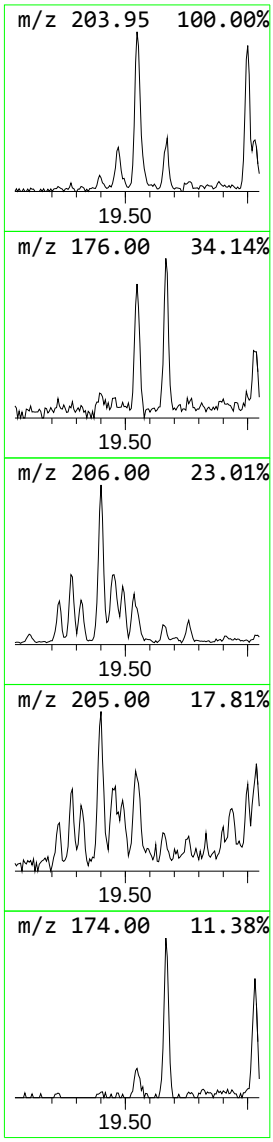
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.548	3.38 ng	91865	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	52
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4	Quinoline, 6-methoxy-8-nitro-	204	C10H8N2O3	000085-81-4	50
5	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	47





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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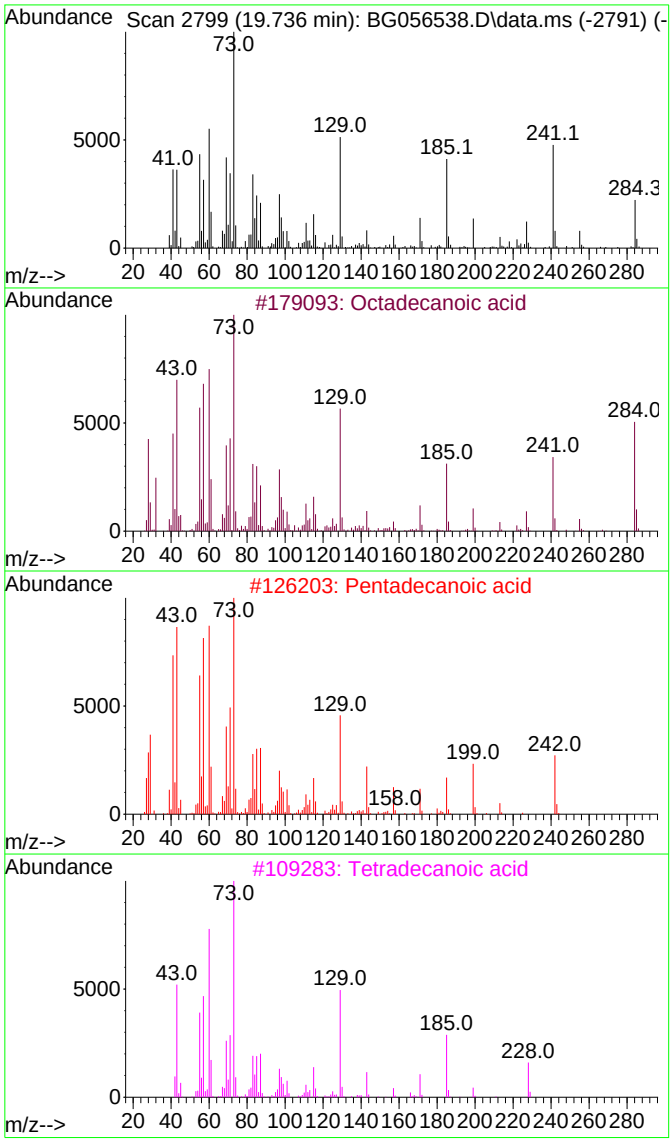
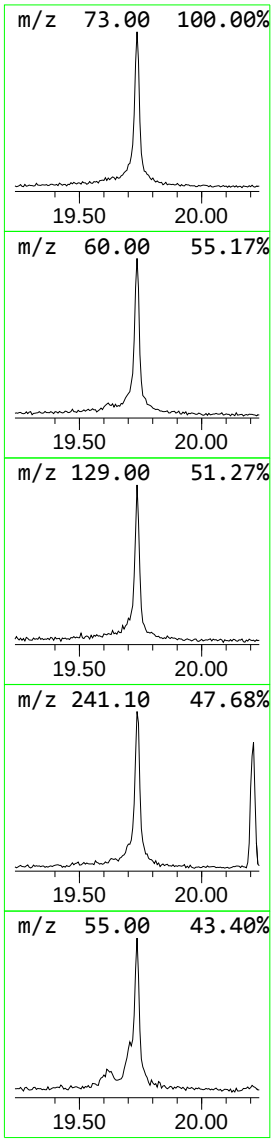
Peak Number 11 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.736	32.54 ng	885074	Phenanthrene-d10	17.632

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49
5	n-Decanoic acid	172	C10H20O2	000334-48-5	35





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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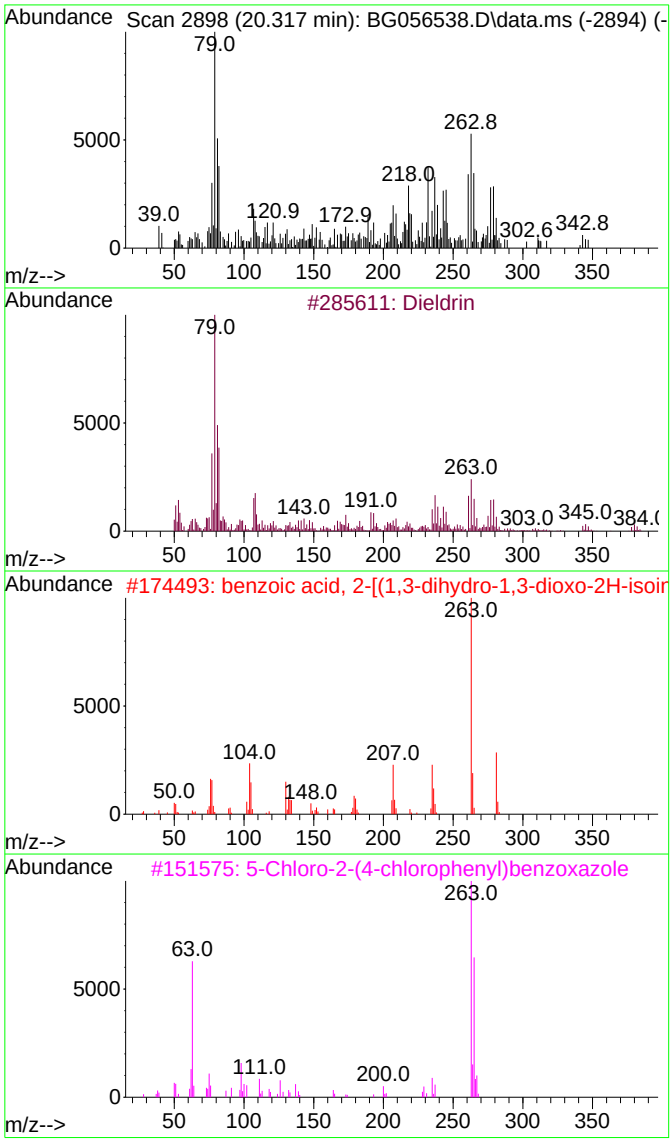
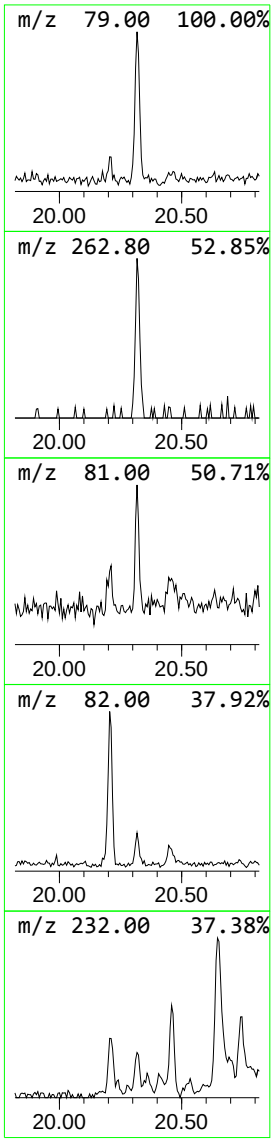
Peak Number 12 unknown20.317 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.317	2.13 ng	147764	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dieldrin	378	C12H8Cl6O	000060-57-1	43
2	benzoic acid, 2-[(1,3-dihydro-1,...	281	C16H11NO4	1010401-91-1	25
3	5-Chloro-2-(4-chlorophenyl)benzo...	263	C13H7Cl2NO	000955-77-1	15
4	1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	12
5	2-Amino-5-iodobenzoic acid	263	C7H6INO2	005326-47-6	11





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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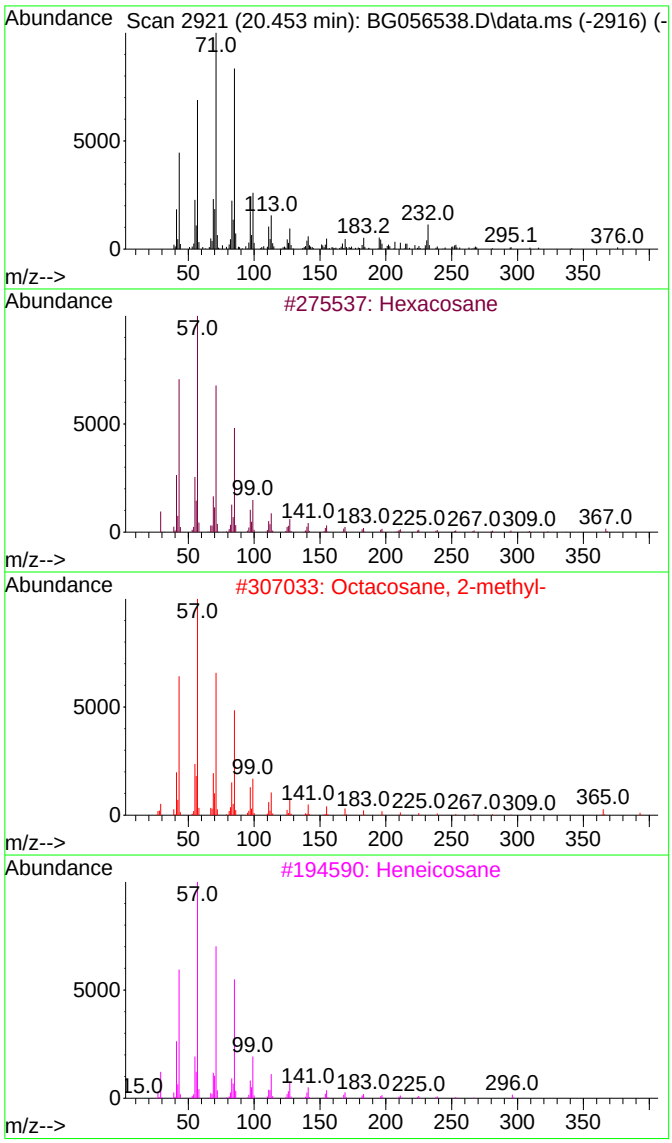
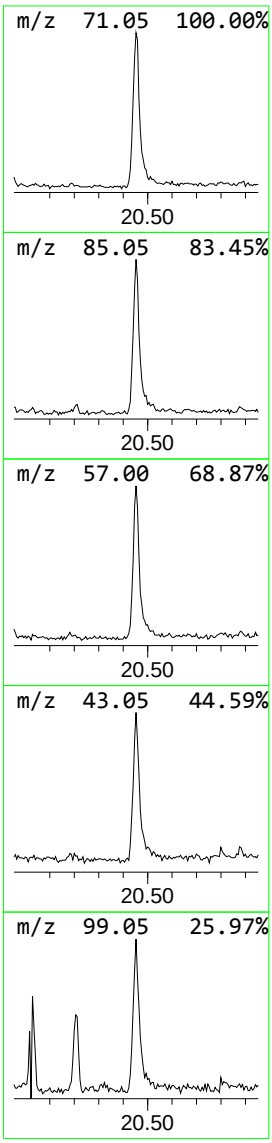
Peak Number 13 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.453	5.25 ng	364646	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	86
5	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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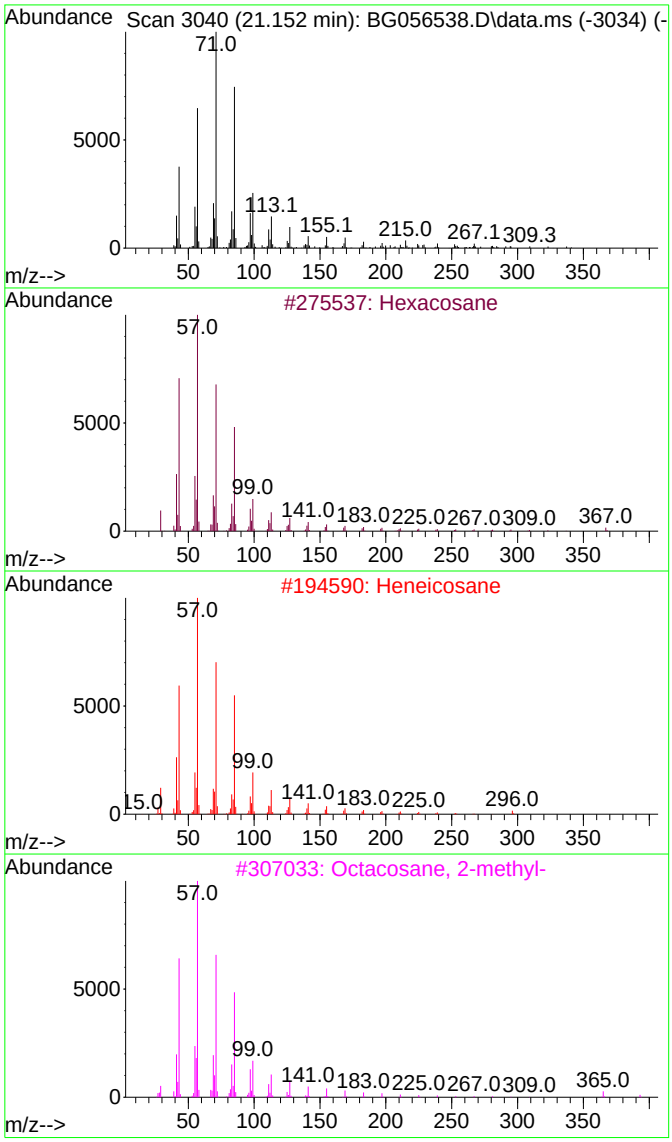
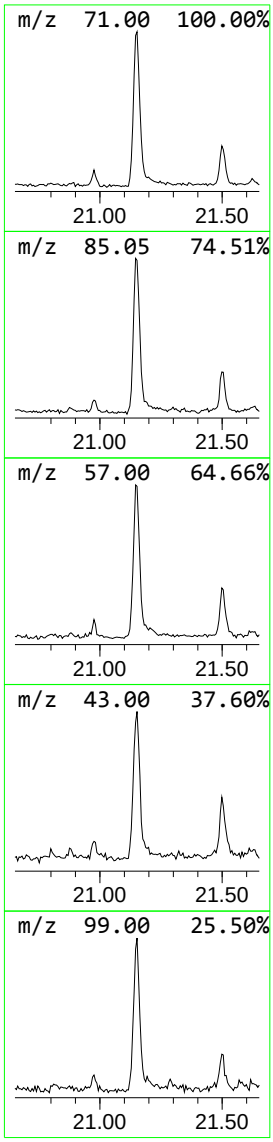
Peak Number 14 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.152	5.09 ng	353487	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	90
5	Octacosane	394	C28H58	000630-02-4	87





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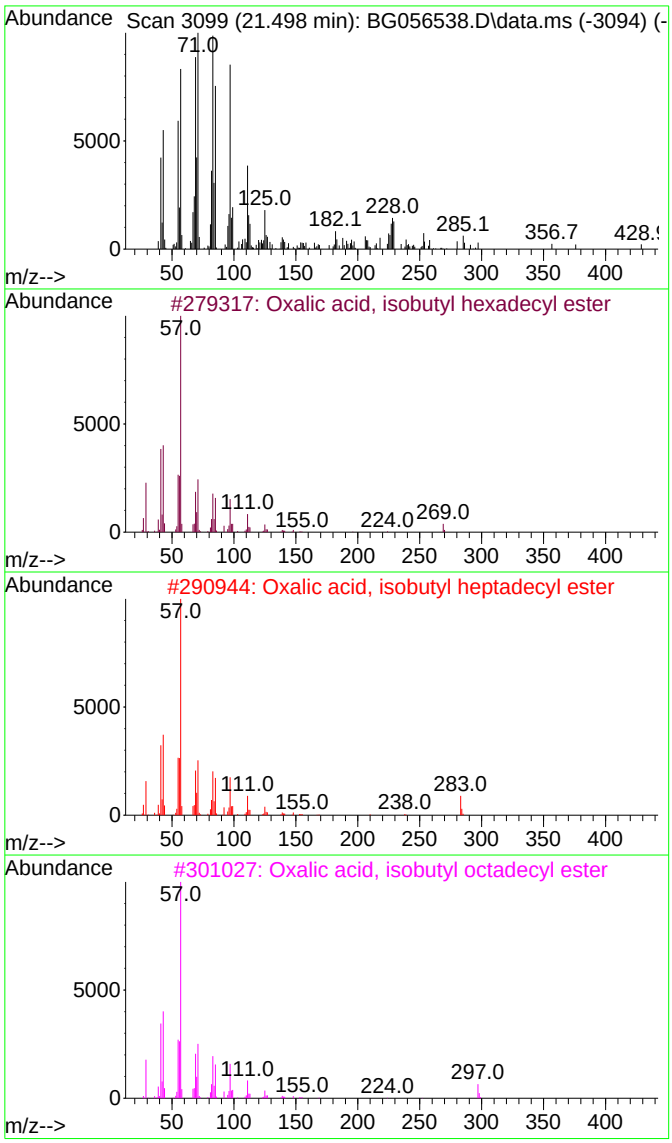
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

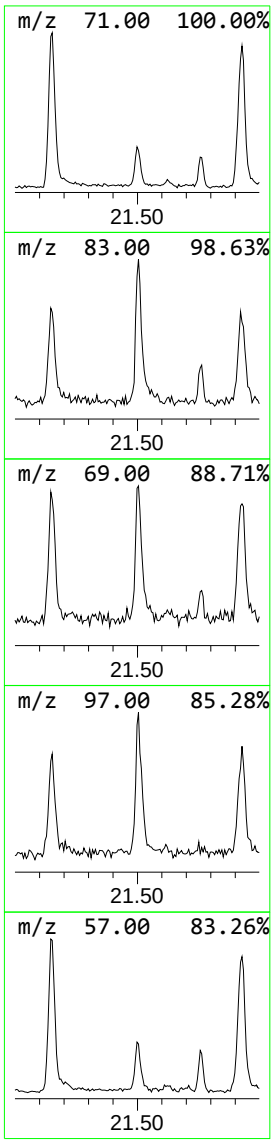
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Oxalic acid, isobutyl hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.498	4.40 ng	305828	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
2	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	83
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	78





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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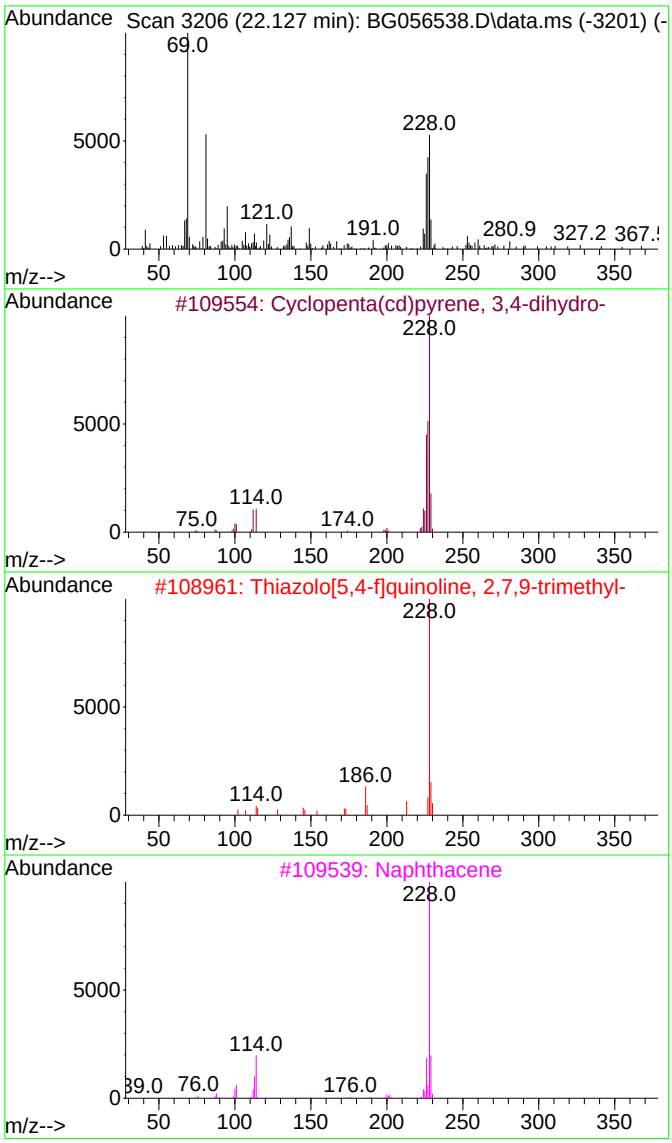
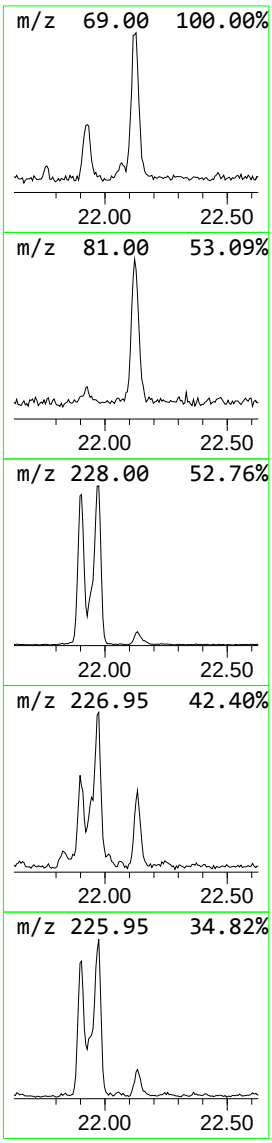
Peak Number 16 unknown22.127 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.127	2.17 ng	150975	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	30
2	Thiazolo[5,4-f]quinoline, 2,7,9-...	228	C13H12N2S	038463-47-7	27
3	Naphthacene	228	C18H12	000092-24-0	22
4	Triphenylene	228	C18H12	000217-59-4	22
5	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	12





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ClientSampleId :
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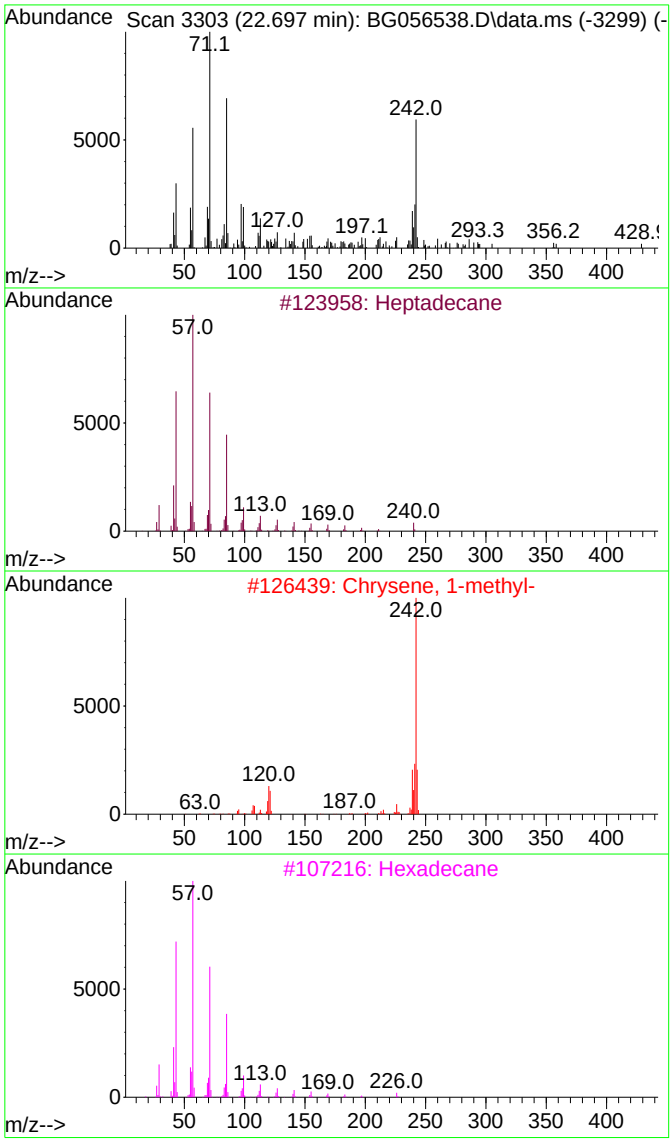
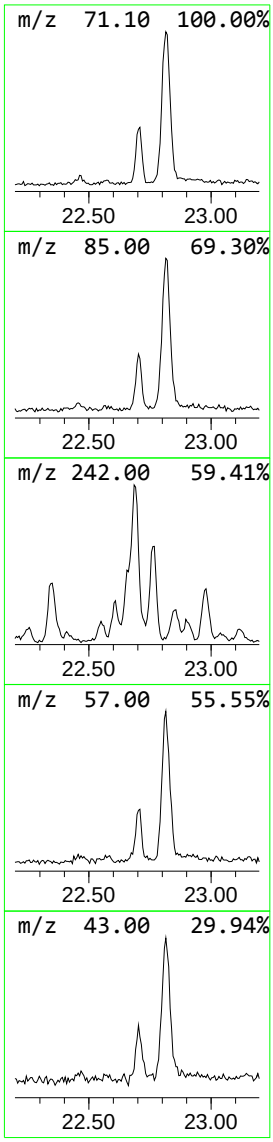
Peak Number 17 Heptadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.697	2.06 ng	142786	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	60
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	52
3	Hexadecane	226	C16H34	000544-76-3	50
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	49
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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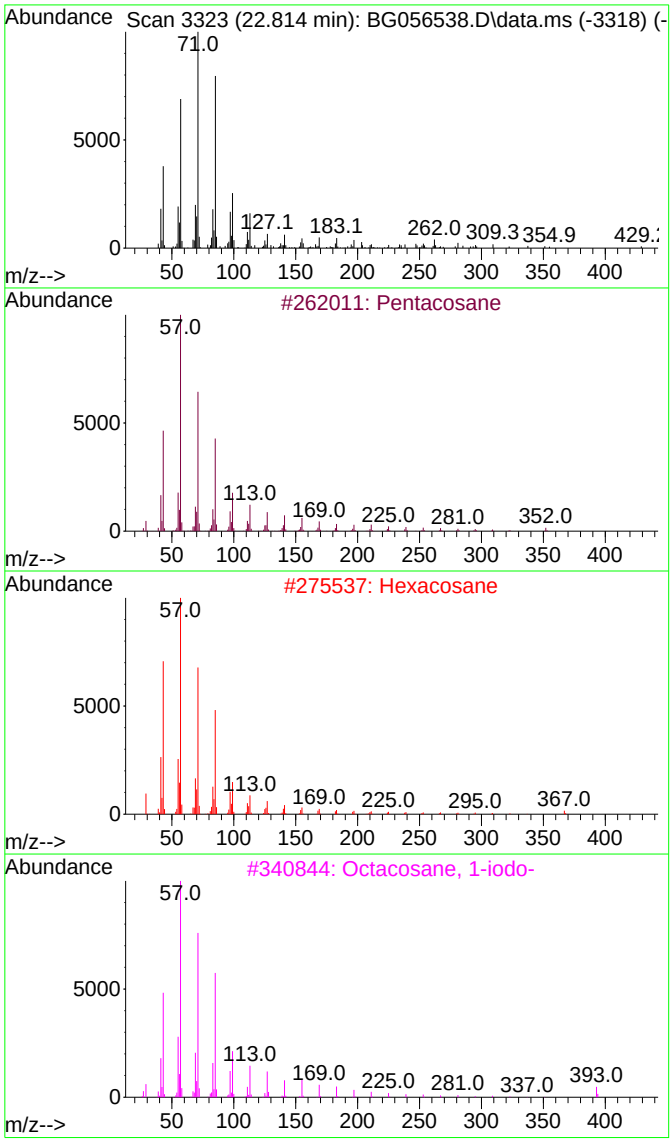
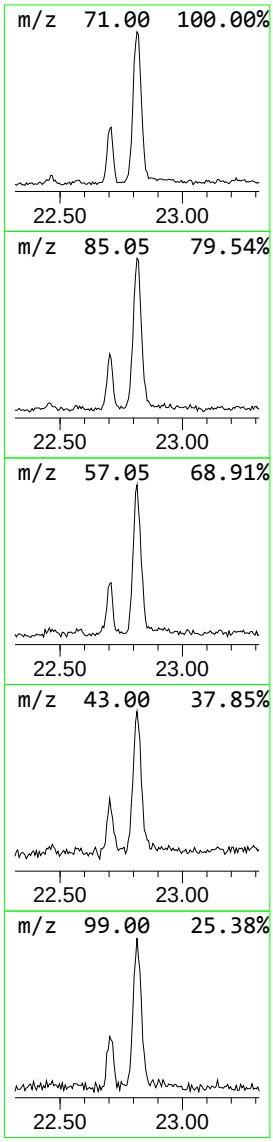
Peak Number 18 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.814	5.52 ng	383490	Chrysene-d12	21.921

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	86
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
5	Tetracosane	338	C24H50	000646-31-1	86





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Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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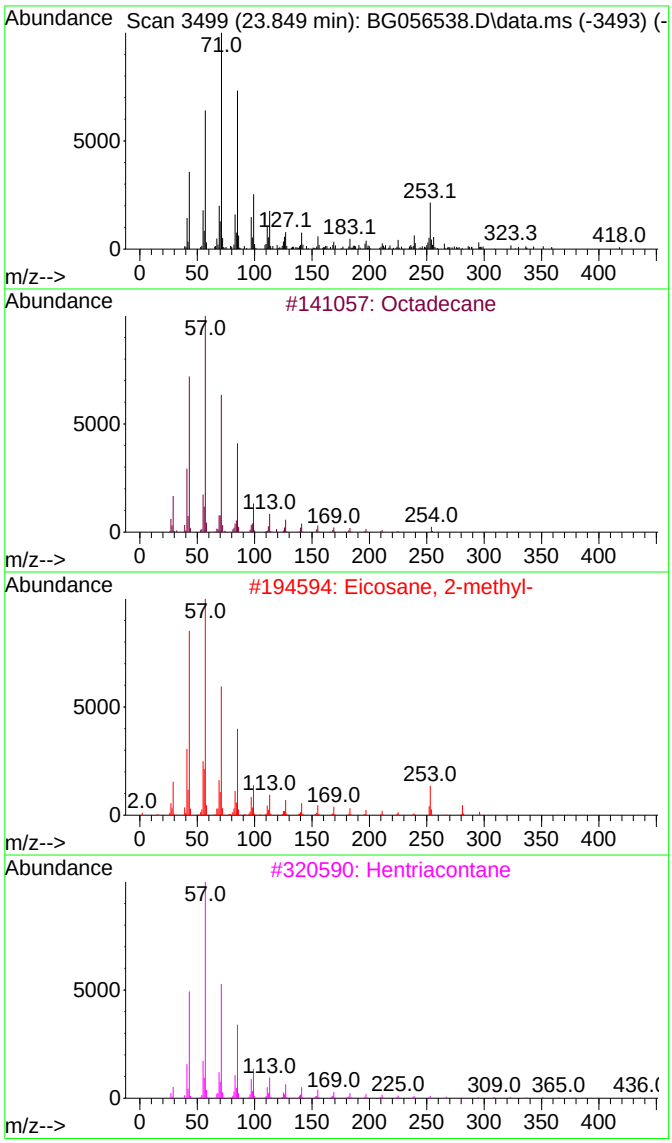
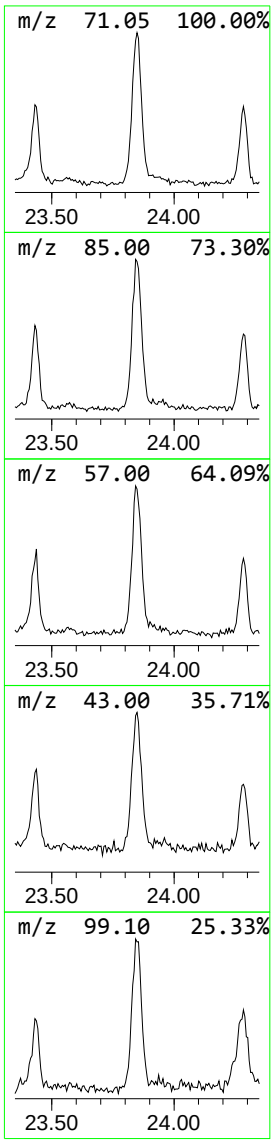
Peak Number 19 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.849	13.28 ng	351015	Perylene-d12	25.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Hentriacontane	437	C31H64	000630-04-6	83
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	83
5	Pentacosane	352	C25H52	000629-99-2	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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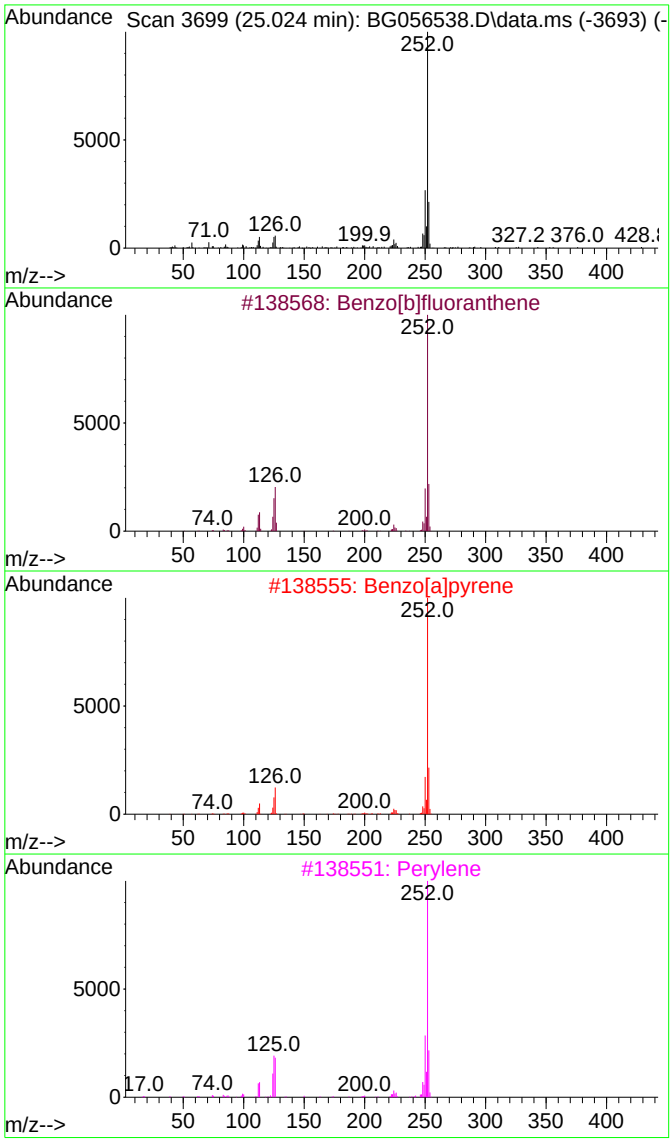
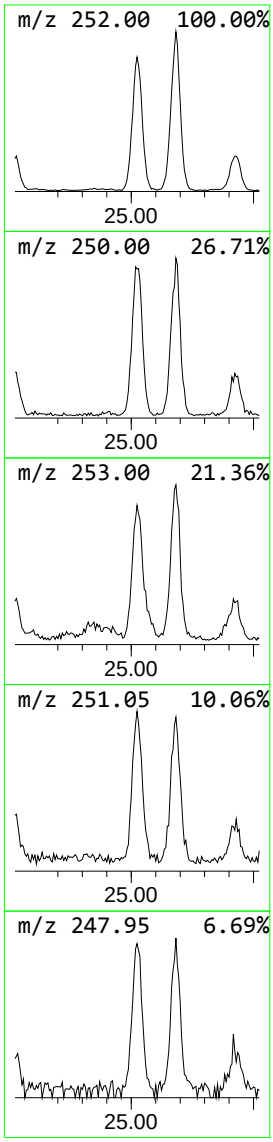
Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.024	8.88 ng	234806	Perylene-d12	25.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	90
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[e]pyrene	252	C20H12	000192-97-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020323\
Data File : BG056538.D
Acq On : 3 Feb 2023 14:28
Operator : CG/JU
Sample : 01410-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-12013

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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
2-Pentanone, 4-...	5.311	17.4	ng	174222	1	8.273	199924	20.0
unknown15.276	15.276	2.1	ng	46260	3	14.889	441711	20.0
Octadecanoic acid	15.899	80.2	ng	1771470	3	14.889	441711	20.0
Benzophenone	16.228	2.1	ng	47536	3	14.889	441711	20.0
n-Hexadecanoic ...	18.478	19.9	ng	542665	4	17.632	544060	20.0
Anthracene, 2-m...	18.549	5.0	ng	137360	4	17.632	544060	20.0
Phenanthrene, 1...	18.690	5.5	ng	150213	4	17.632	544060	20.0
9,10-Anthracene...	19.031	3.9	ng	107120	4	17.632	544060	20.0
Phenanthrene, 2...	19.401	4.6	ng	124073	4	17.632	544060	20.0
Cyclopenta(def)...	19.548	3.4	ng	91865	4	17.632	544060	20.0
Pentadecanoic acid	19.736	32.5	ng	885074	4	17.632	544060	20.0
unknown20.317	20.317	2.1	ng	147764	5	21.921	1389450	20.0
Hexacosane	20.453	5.3	ng	364646	5	21.921	1389450	20.0
Heneicosane	21.152	5.1	ng	353487	5	21.921	1389450	20.0
Oxalic acid, is...	21.498	4.4	ng	305828	5	21.921	1389450	20.0
unknown22.127	22.127	2.2	ng	150975	5	21.921	1389450	20.0
Heptadecane	22.697	2.1	ng	142786	5	21.921	1389450	20.0
Pentacosane	22.814	5.5	ng	383490	5	21.921	1389450	20.0
Octadecane	23.849	13.3	ng	351015	6	25.347	528667	20.0
Perylene	25.024	8.9	ng	234806	6	25.347	528667	20.0