LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.655	387	394	401	rBV	194691	320608	2.91%	0.652%
2	7.253	659	666	676	rVB	210860	370614	3.37%	0.754%
3	8.111	803	812	822	rBV	259037	452420	4.11%	0.920%
4	9.274	1005	1010	1016	rBV2	124743	218880	1.99%	0.445%
5	9.339	1016	1021	1028	rVB2	73587	117363	1.07%	0.239%
6	10.896	1280	1286	1288	rBV	177437	293665	2.67%	0.597%
7	10.931	1288	1292	1299	rVB	302603	546799	4.97%	1.112%
8	11.842	1441	1447	1452	rBV5	66732	131197	1.19%	0.267%
9	12.118	1488	1494	1500	rVB3	85152	157203	1.43%	0.320%
10	12.335	1523	1531	1537	rBV	264698	415612	3.78%	0.845%
11	12.829	1612	1615	1620	rVB2	73762	117411	1.07%	0.239%
12	13.281	1689	1692	1700	rVB3	75376	141233	1.28%	0.287%
13	13.369	1702	1707	1717	rVB	320104	512507	4.66%	1.042%
14	13.569	1735	1741	1748	rVB	327752	472204	4.29%	0.960%
15	13.910	1791	1799	1802	rBV8	74167	162464	1.48%	0.330%
16	14.075	1822	1827	1832	rBV5	61330	113359	1.03%	0.231%
17	14.127	1832	1836	1841	rVB4	78486	132239	1.20%	0.269%
18	14.198	1841	1848	1850	rBV7	69290	126739	1.15%	0.258%
19	14.639	1918	1923	1932	rBV	385454	531066	4.83%	1.080%
20	14.750	1932	1942	1948	rBV	532874	926255	8.42%	1.884%
21	14.856	1956	1960	1965	rVB	125067	155391	1.41%	0.316%
22	15.138	2004	2008	2014	rVB4	78396	125726	1.14%	0.256%
23	15.256	2025	2028	2036	rVB6	63443	117918	1.07%	0.240%
24	15.585	2080	2084	2089	rVB	398509	525322	4.78%	1.068%
25	15.790	2115	2119	2132	rVB4	63630	168330	1.53%	0.342%
26	15.996	2144	2154	2159	rBV	124022	293747	2.67%	0.597%
27	16.237	2187	2195	2200	rVB3	275984	505941	4.60%	1.029%
28	16.454	2227	2232	2240	rBV	381699	707604	6.43%	1.439%
29	16.636	2260	2263	2268	rVB	131777	158864	1.44%	0.323%
30	16.789	2285	2289	2295	rBV6	57638	114966	1.05%	0.234%
31	17.247	2362	2367	2372	rBV	359102	456120	4.15%	0.928%
32	17.300	2372	2376	2387	rVB2	141309	309887	2.82%	0.630%
33	17.500	2404	2410	2414	rBV	653040	998912	9.08%	2.032%
34	17.541	2414	2417	2424	rVB	256023	399847	3.64%	0.813%
35	17.988	2489	2493	2497	rBV	331810	408865	3.72%	0.832%
36	18.035	2497	2501	2504	rVB4	96155	122906	1.12%	0.250%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.164	2517	2523	2529	rVB	3390125	4151554	37.74%	8.443%
38	18.381	2555	2560	2564	rBV2	307639	447539	4.07%	0.910%
39	18.428	2564	2568	2573	rVB	153476	230679	2.10%	0.469%
40	18.569	2588	2592	2596	rBV4	96037	175907	1.60%	0.358%
41	18.681	2607	2611	2615	rBV	288349	325949	2.96%	0.663%
42	19.304	2711	2717	2720	rBV	8489066	10893747	99.04%	22.155%
43	19.339	2720	2723	2734	rVB	8724670	10999727	100.00%	22.371%
44	19.462	2739	2744	2749	rVV	1362410	1529293	13.90%	3.110%
45	19.509	2749	2752	2754	rBV2	163884	193955	1.76%	0.394%
46	19.545	2754	2758	2765	rVB2	666410	1225446	11.14%	2.492%
47	19.821	2802	2805	2811	rVB2	176214	219536	2.00%	0.446%
48	19.880	2812	2815	2818	rVV	366896	437859	3.98%	0.891%
49	19.915	2818	2821	2829	rVB	447196	660412	6.00%	1.343%
50	20.109	2850	2854	2858	rVB	528844	638528	5.80%	1.299%
51	20.256	2877	2879	2885	rVB5	113938	142132	1.29%	0.289%
52	20.408	2902	2905	2908	rBV3	282846	332997	3.03%	0.677%
53	20.444	2908	2911	2915	rVB2	199776	224978	2.05%	0.458%
54	20.549	2926	2929	2932	rBV3	207045	291374	2.65%	0.593%
55	20.585	2932	2935	2941	rVV4	291831	519535	4.72%	1.057%
56	20.643	2942	2945	2950	rVB3	316665	379804	3.45%	0.772%
57	20.708	2953	2956	2961	rBV5	186419	316935	2.88%	0.645%
58	20.855	2977	2981	2986	rVB5	254954	366228	3.33%	0.745%
59	20.914	2987	2991	3002	rVB	249138	335024	3.05%	0.681%
60	21.431	3076	3079	3083	rVB2	179300	224722	2.04%	0.457%
61	21.795	3134	3141	3146	rBV2	618026	1257701	11.43%	2.558%
62	21.995	3172	3175	3179	rVB2	184458	234554	2.13%	0.477%
63	25.138	3705	3710	3717	rBV2	254456	583486	5.30%	1.187%

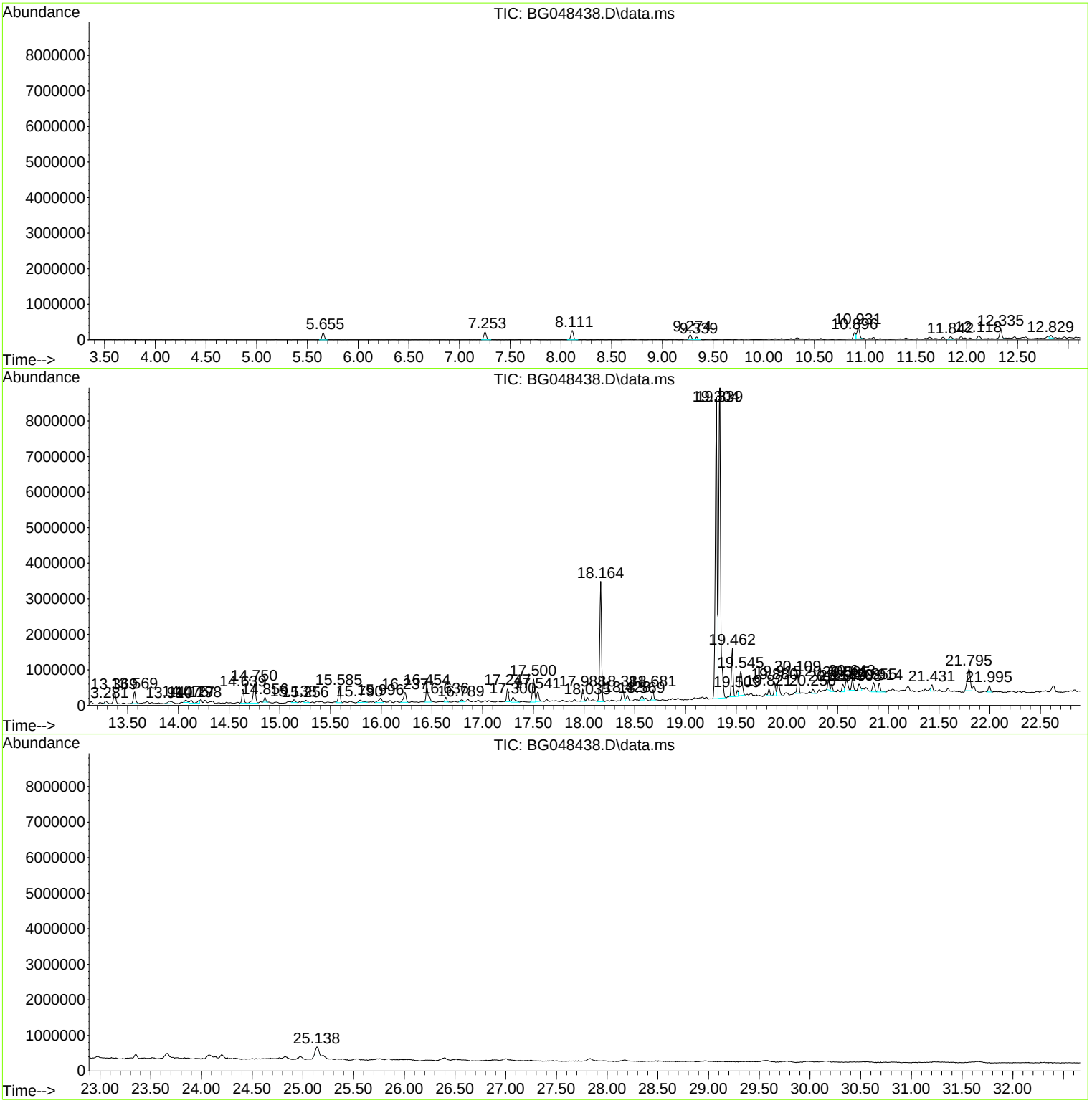
Sum of corrected areas: 49169785

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

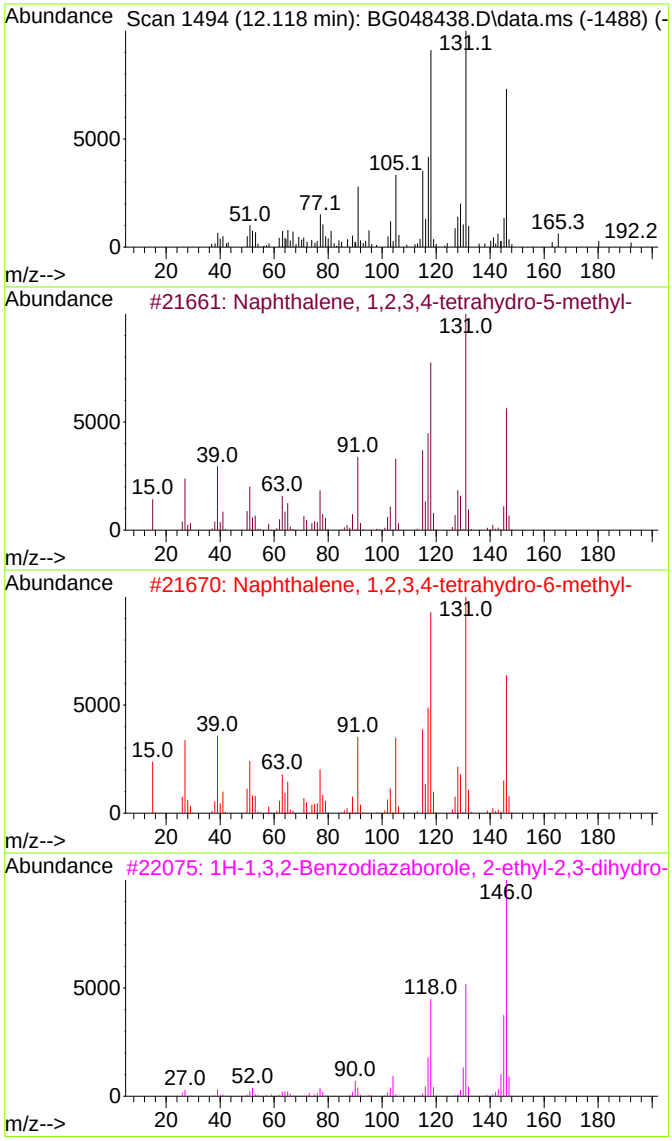
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

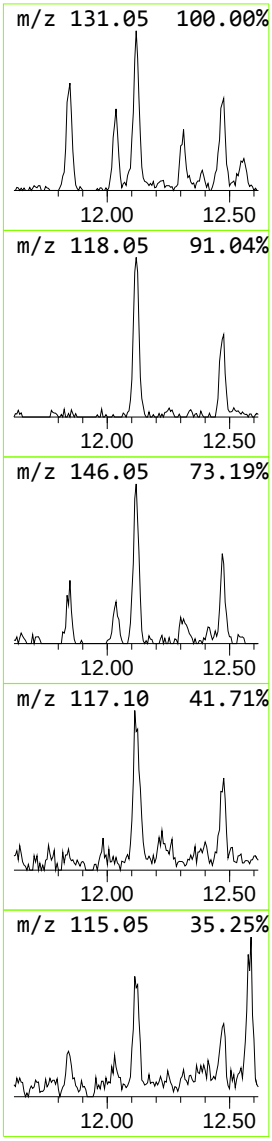
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.118	5.75 ng	157203	Naphthalene-d8	10.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
3	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	87
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	83
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

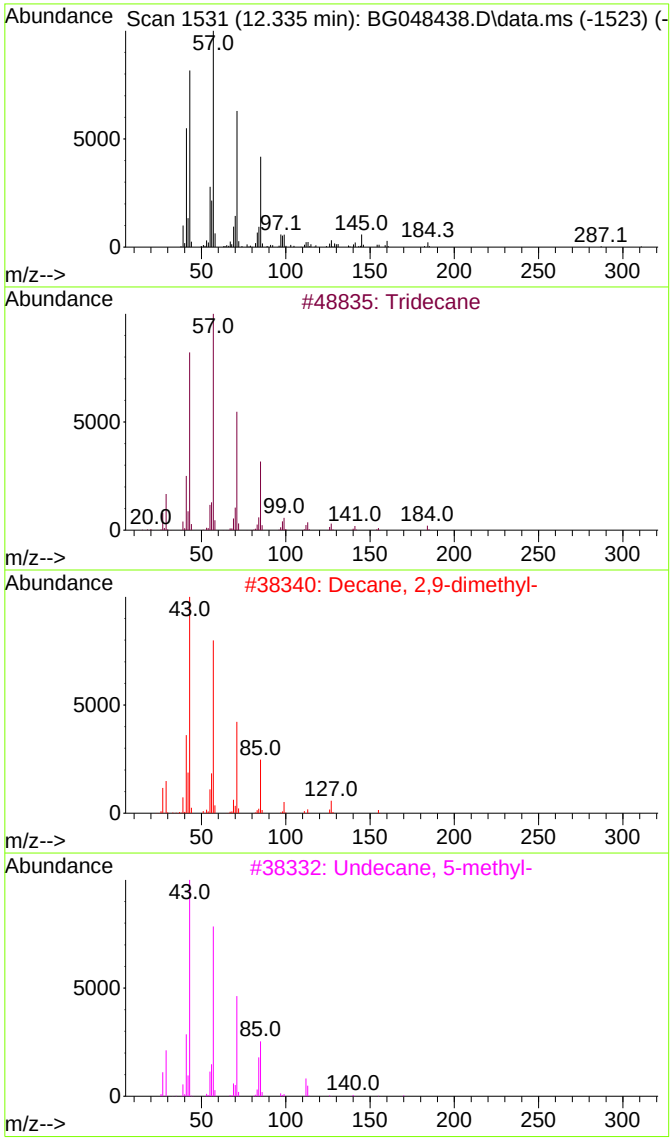
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

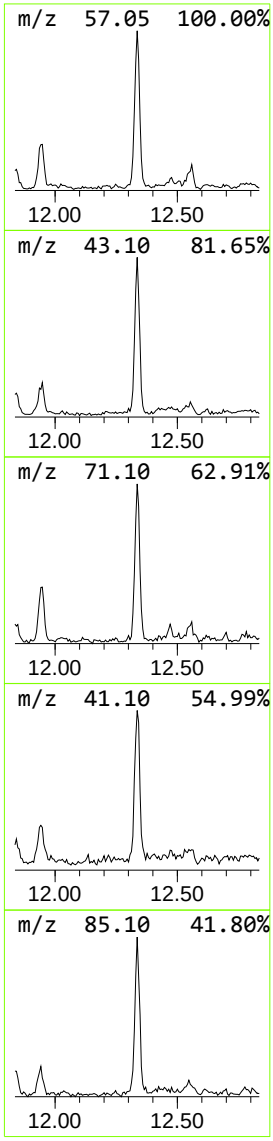
****

Peak Number 2 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.335	15.20 ng	415612	Naphthalene-d8	10.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	59
5	1-Iodoundecane	282	C11H23I	004282-44-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

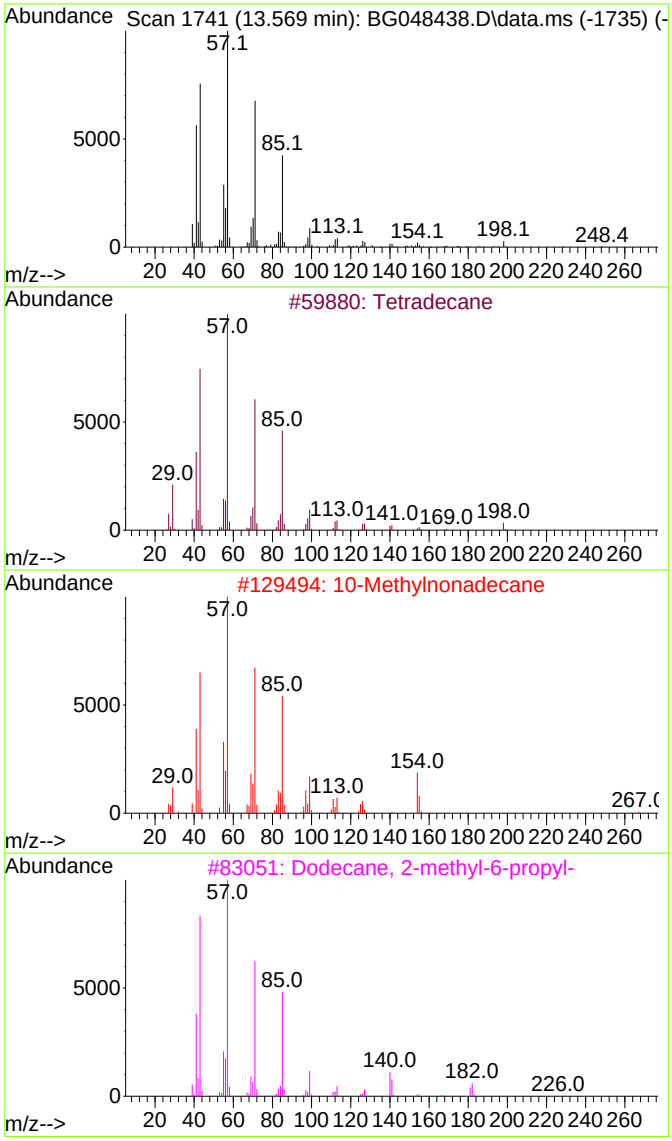
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

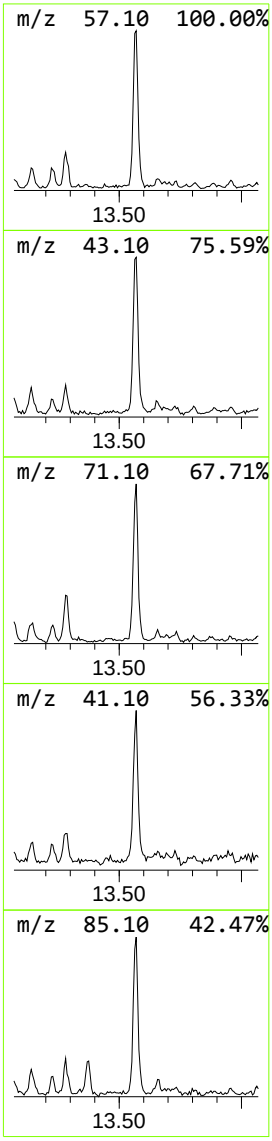
****

Peak Number 3 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	10.20 ng	472204	Acenaphthene-d10	14.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	10-Methylnonadecane	282	C20H42	056862-62-5	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Nonadecane	268	C19H40	000629-92-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

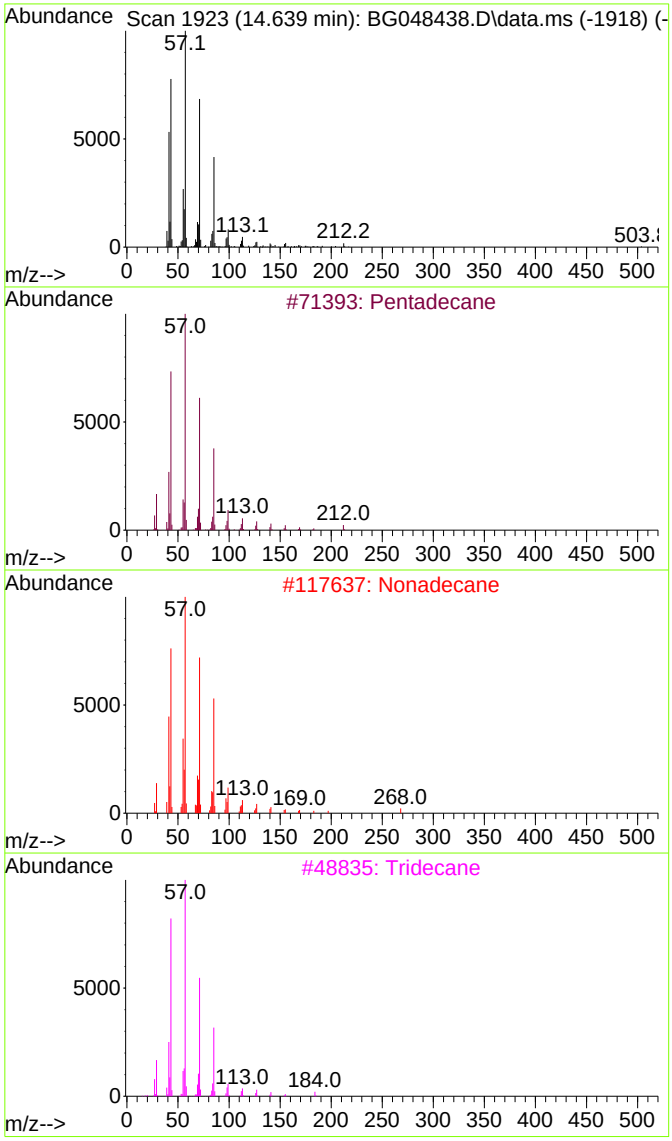
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

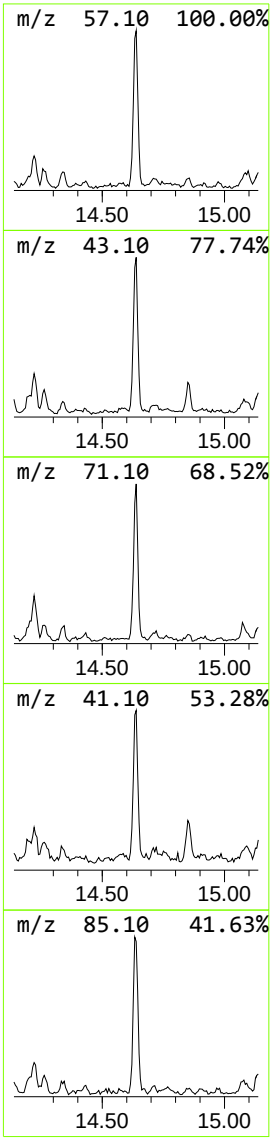
****

Peak Number 4 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.639	11.47 ng	531066	Acenaphthene-d10	14.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane	184	C13H28	000629-50-5	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

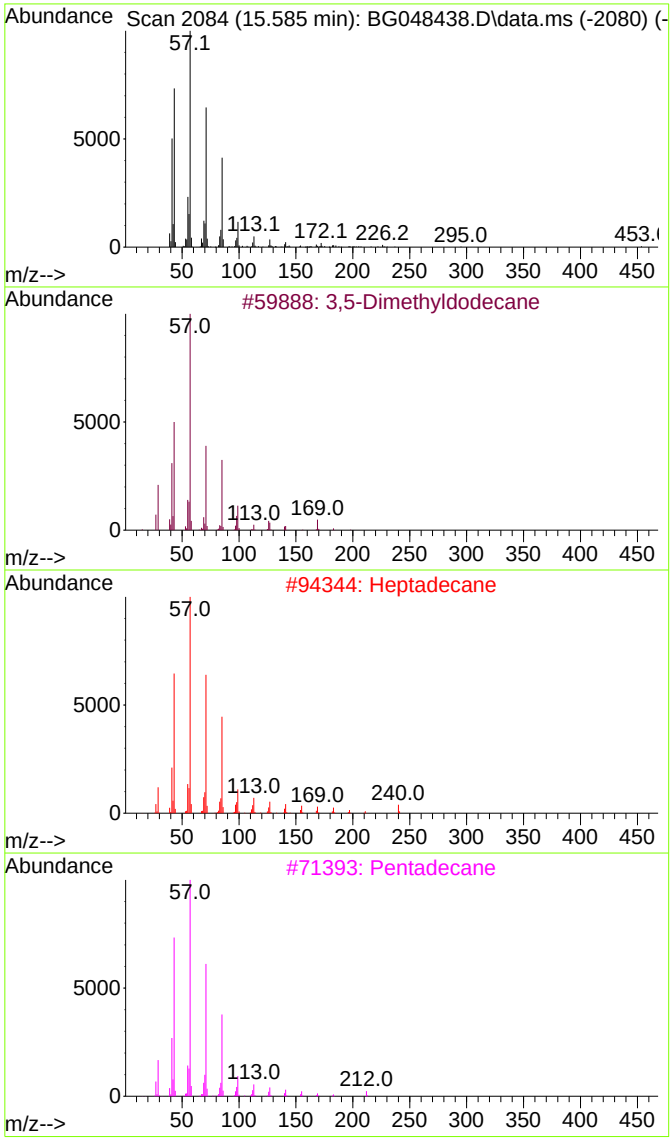
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

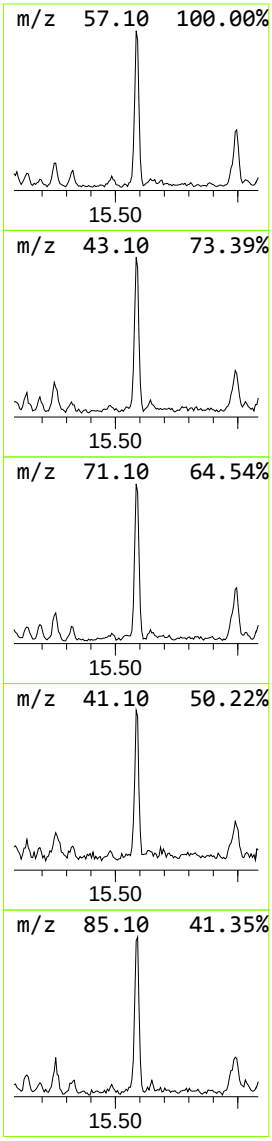
****

Peak Number 5 3,5-Dimethyldodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.585	11.34 ng	525322	Acenaphthene-d10	14.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
2	Heptadecane	240	C17H36	000629-78-7	86
3	Pentadecane	212	C15H32	000629-62-9	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

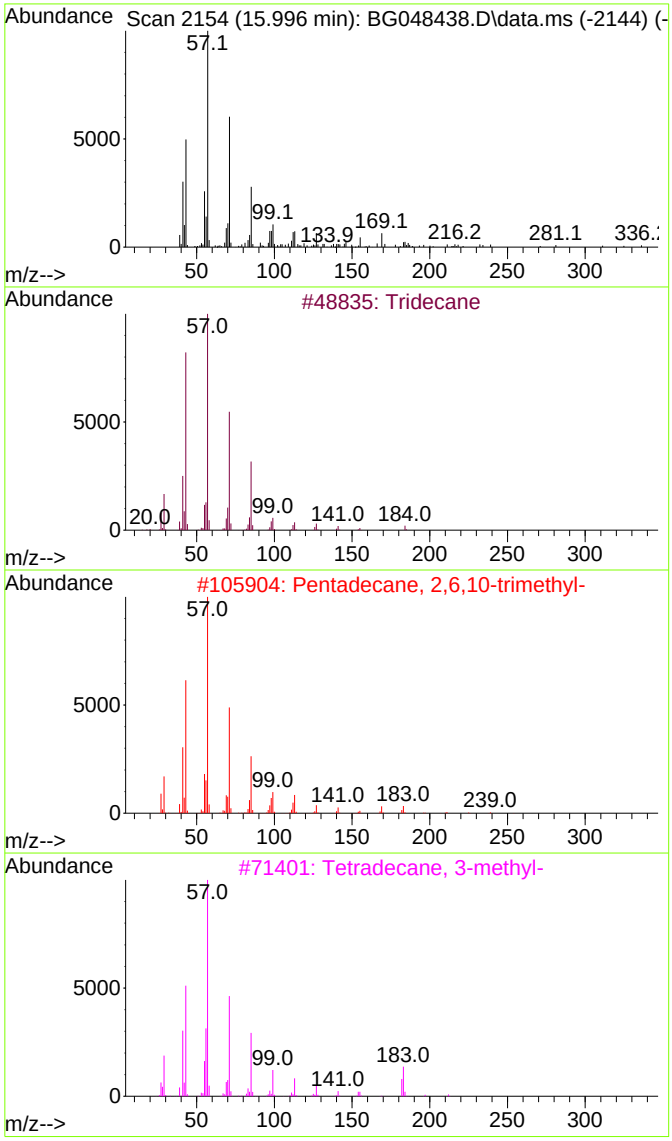
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

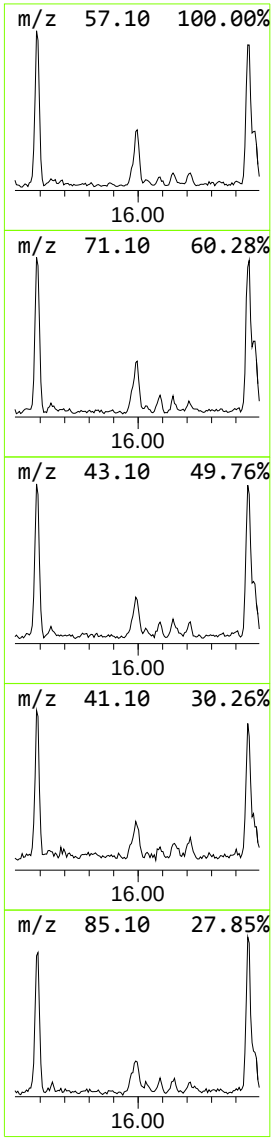
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.996	6.34 ng	293747	Acenaphthene-d10	14.750

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	72
4	Heptadecane	240	C17H36	000629-78-7	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

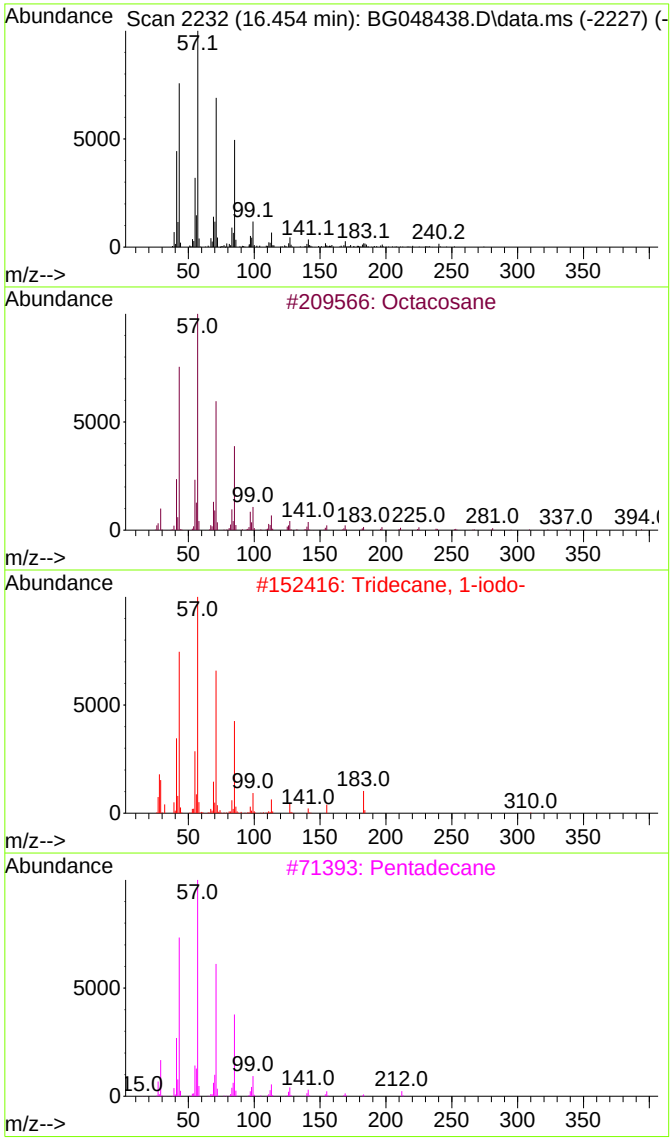
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

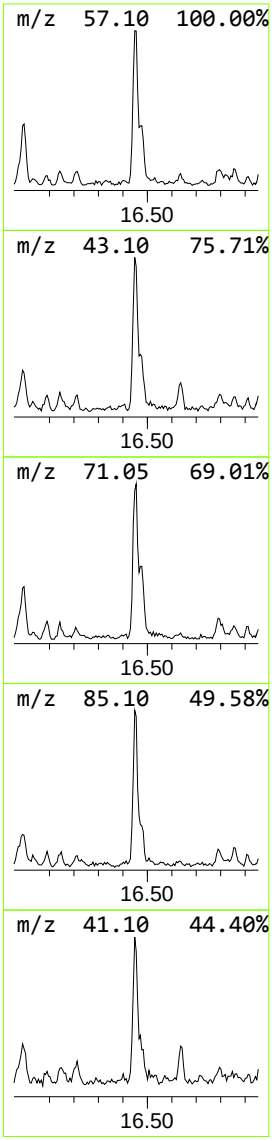
****

Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.454	14.17 ng	707604	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

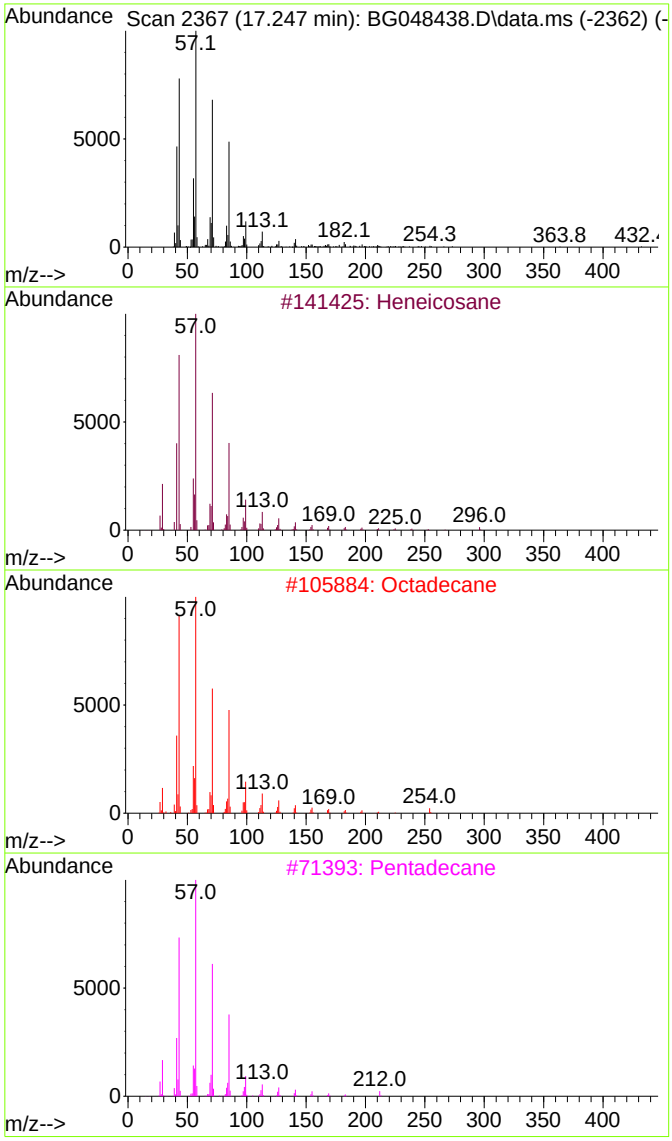
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

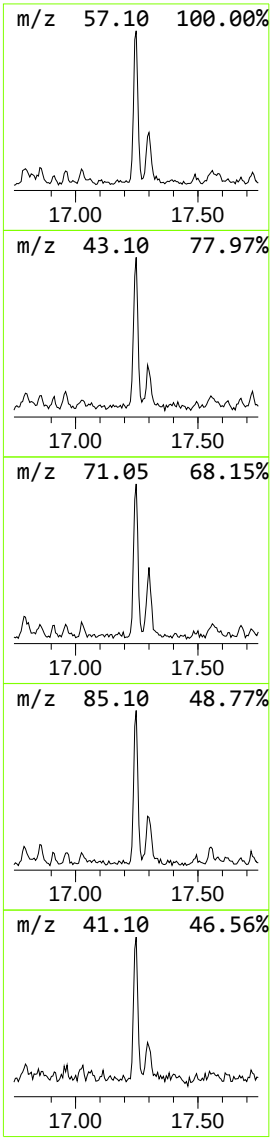
****

Peak Number 8 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.247	9.13 ng	456120	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

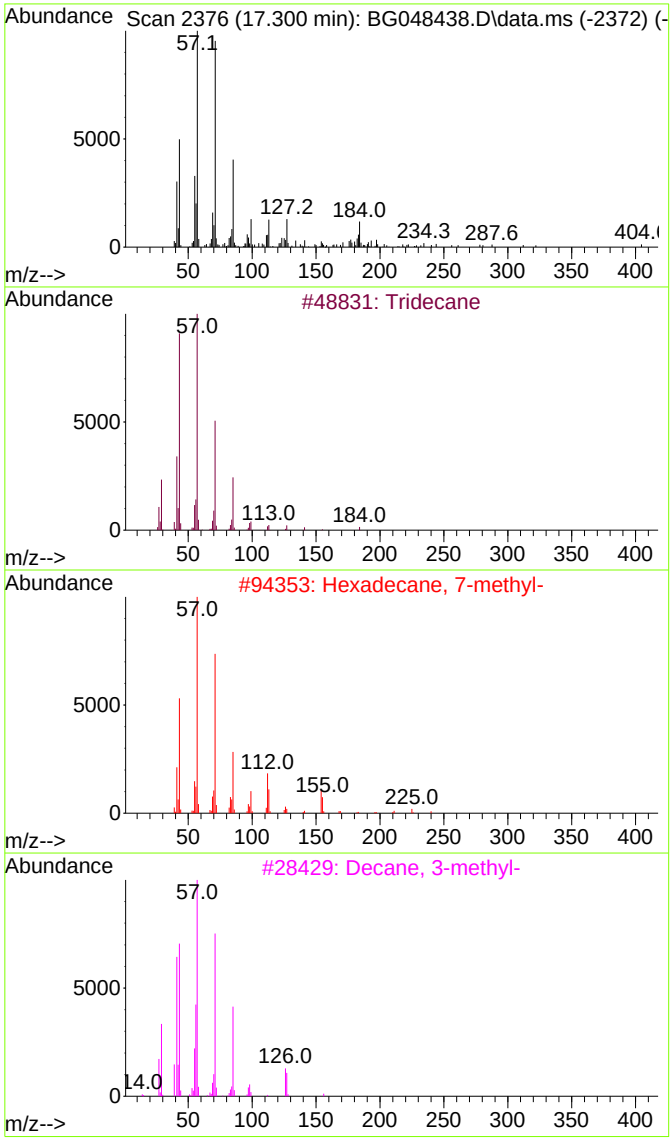
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

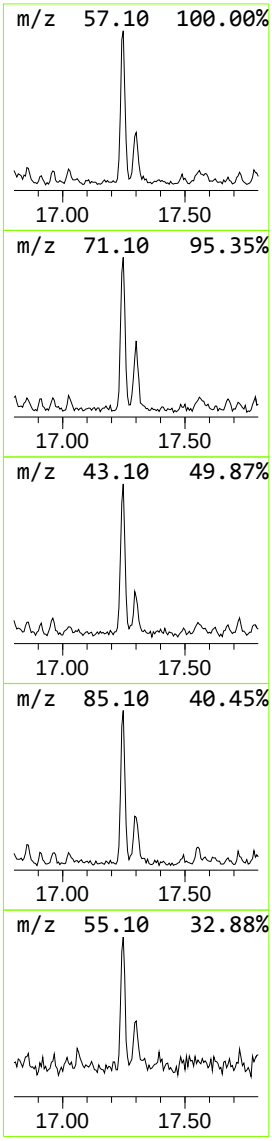
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecane, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.300	6.20 ng	309887	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	83
3	Decane, 3-methyl-	156	C11H24	013151-34-3	68
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
5	Hexadecane	226	C16H34	000544-76-3	59





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Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

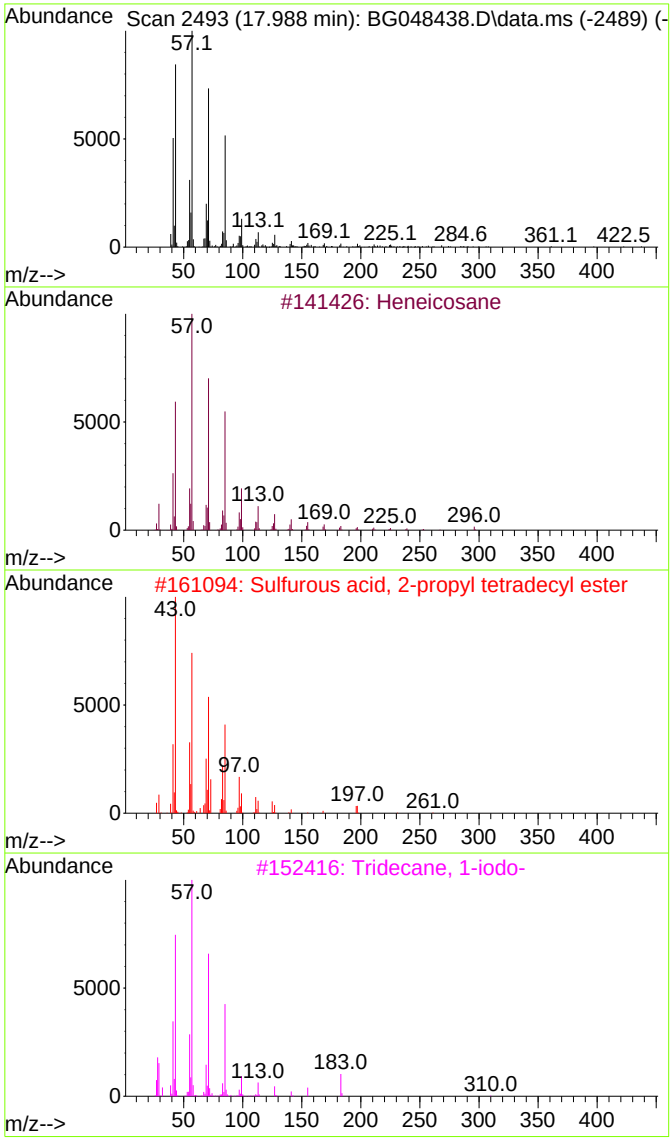
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

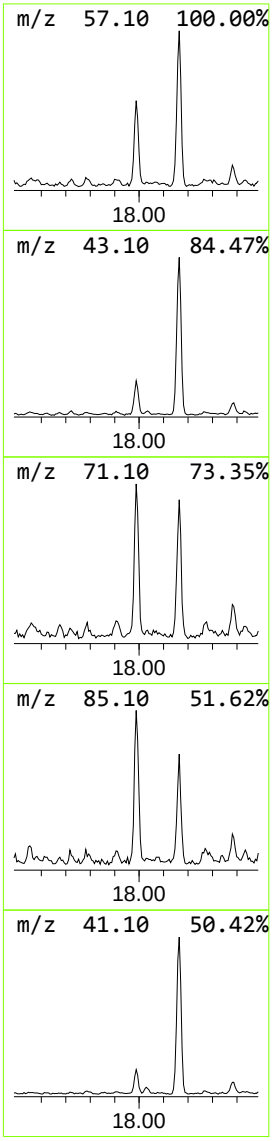
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Sulfurous acid, 2-propyl te... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.988	8.19 ng	408865	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

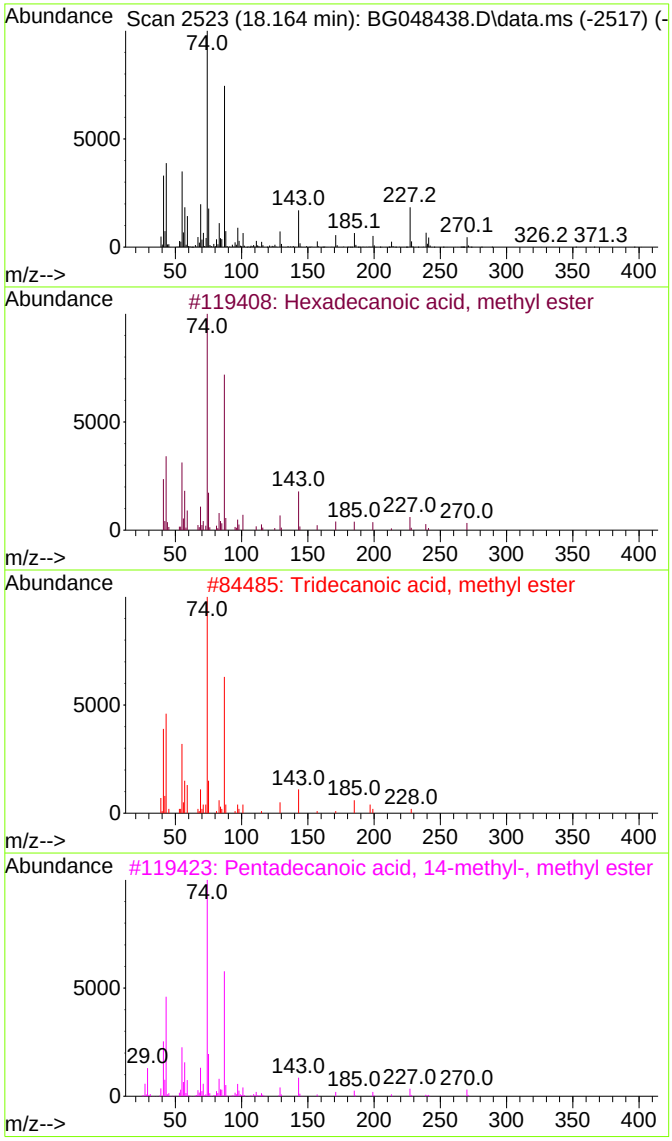
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

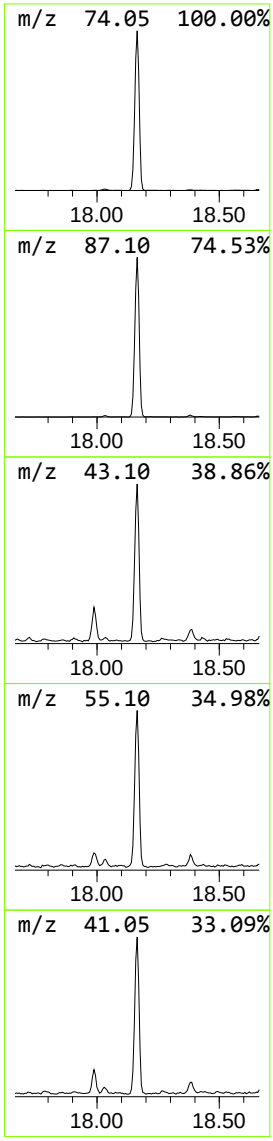
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.164	83.12 ng	4151550	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

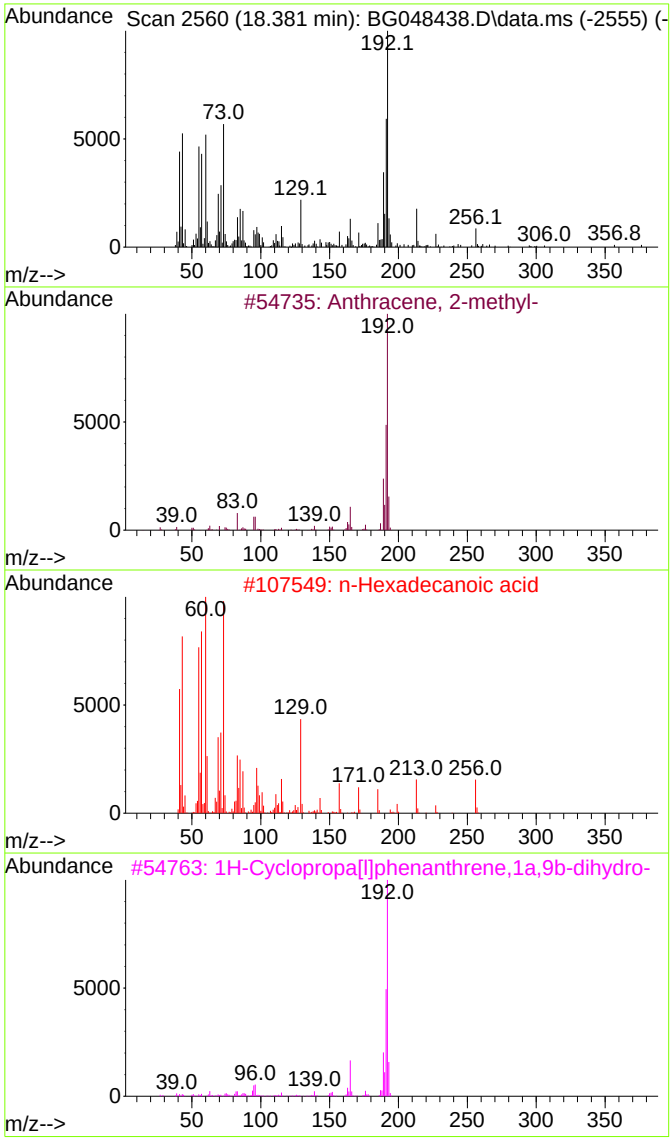
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

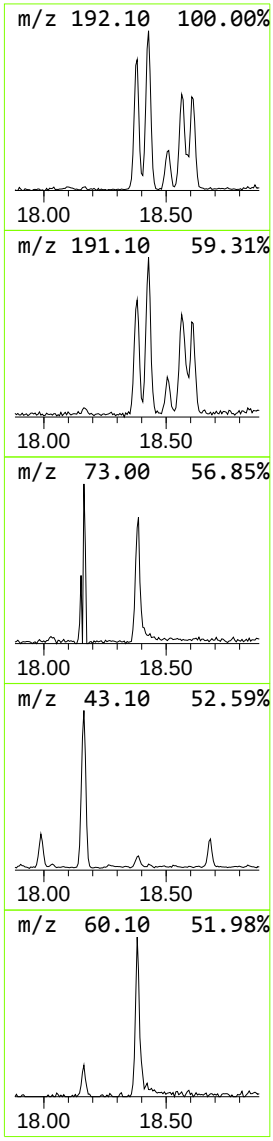
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	8.96 ng	447539	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	78
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70





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Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

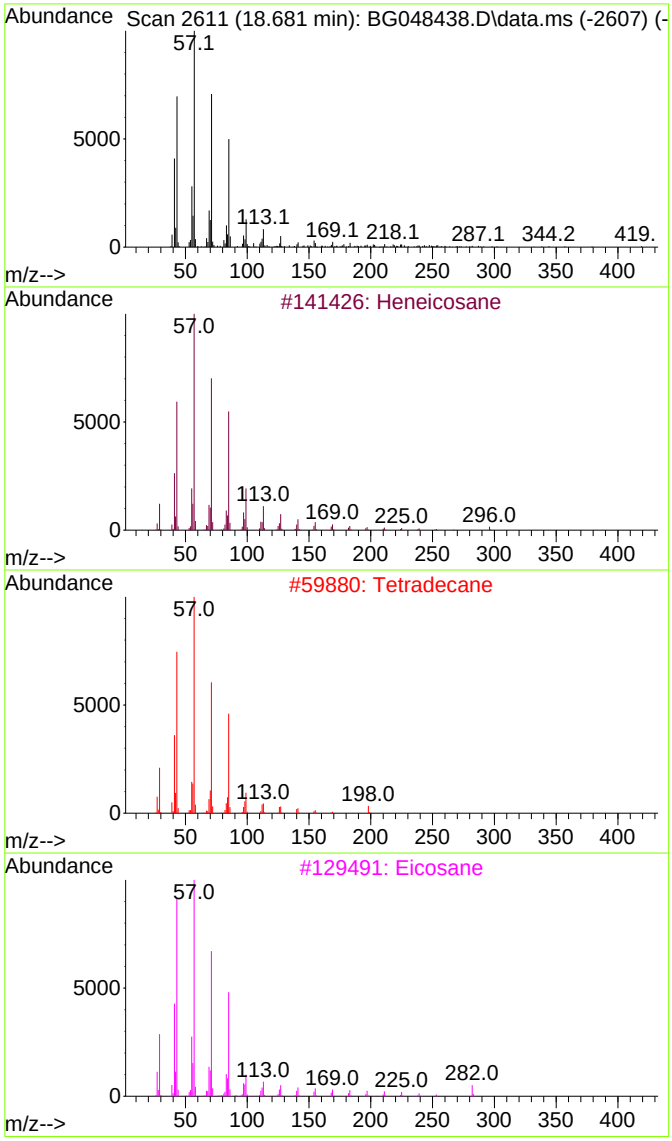
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

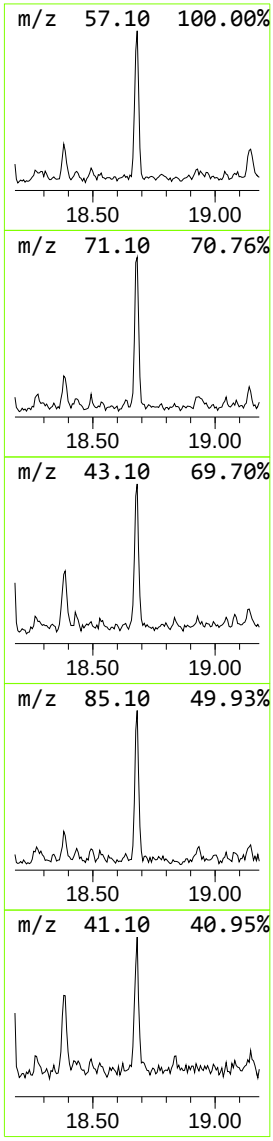
****

Peak Number 13 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	6.53 ng	325949	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





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Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

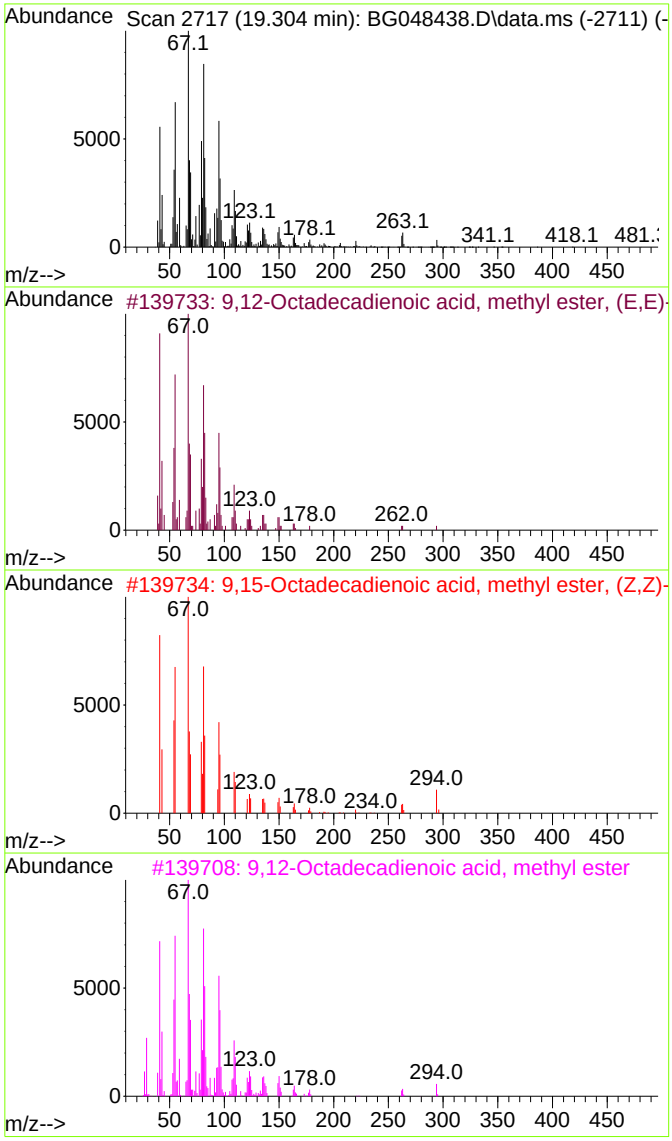
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

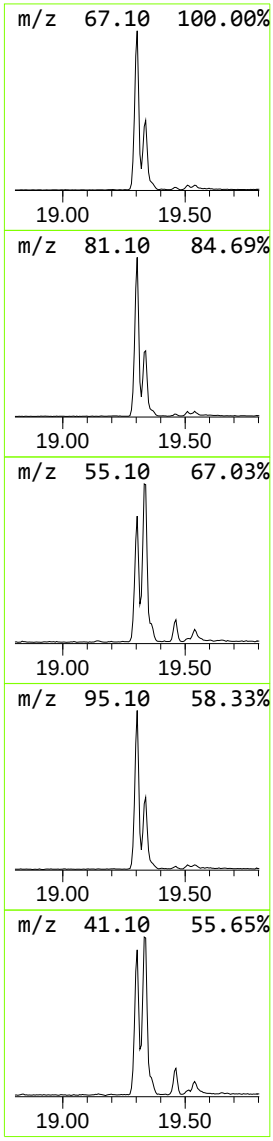
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.304	218.11 ng	10893700	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	95
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

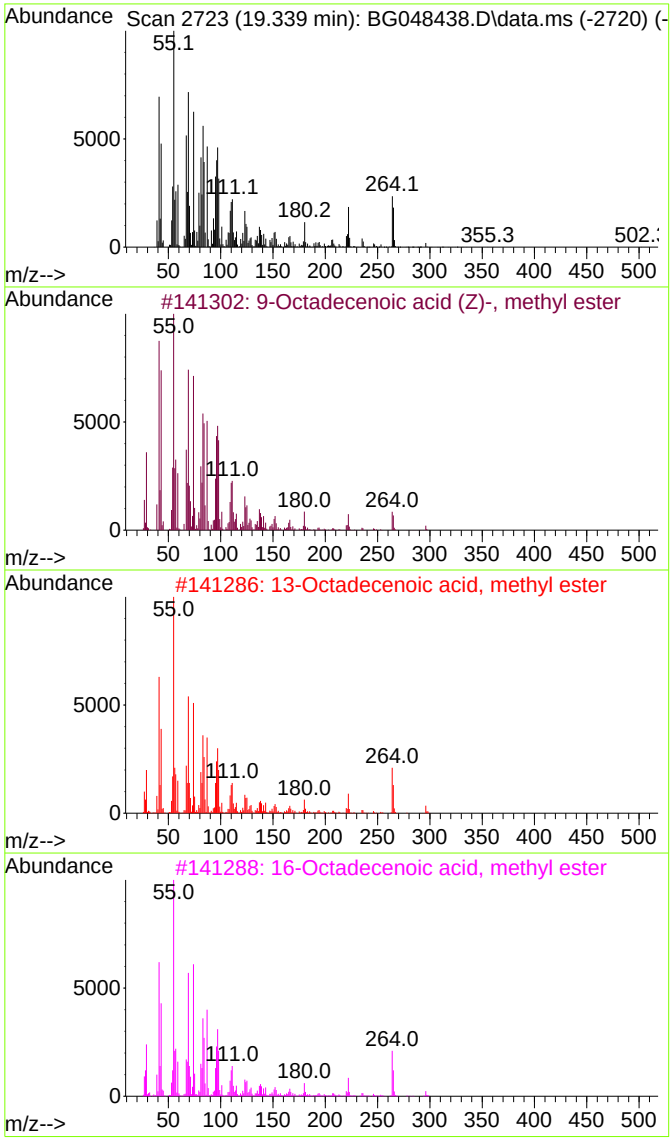
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

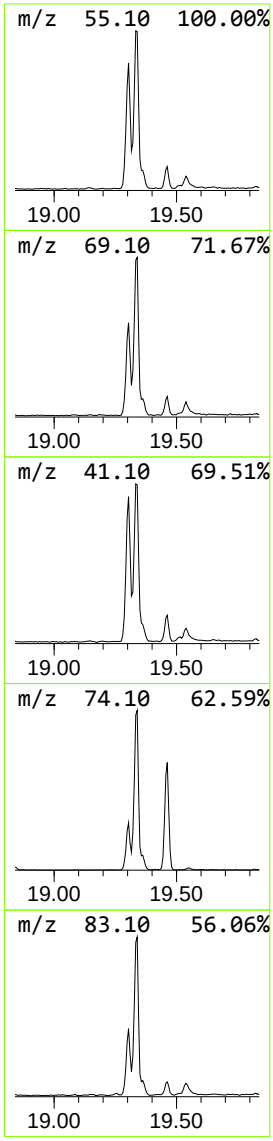
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.339	220.23 ng	10999700	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	98





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Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

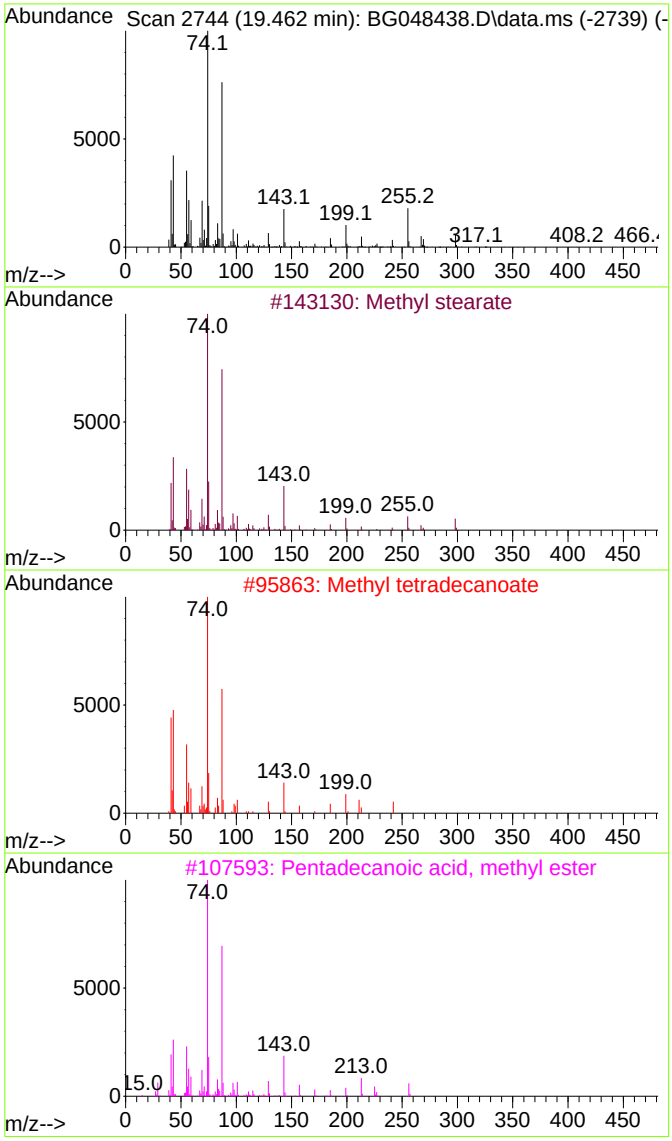
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

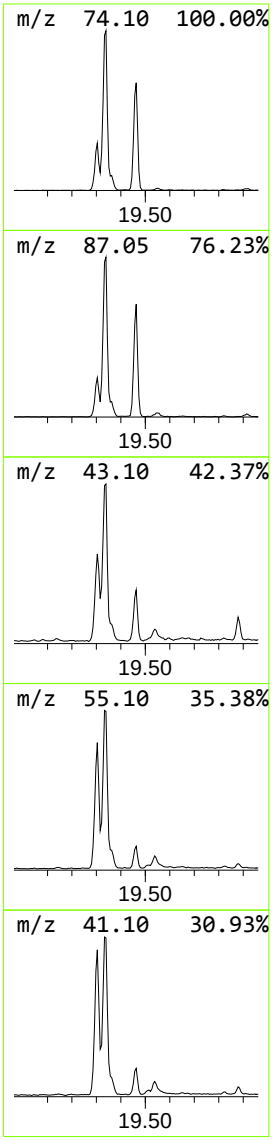
****

Peak Number 16 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.462	30.62 ng	1529290	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	86
5	Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

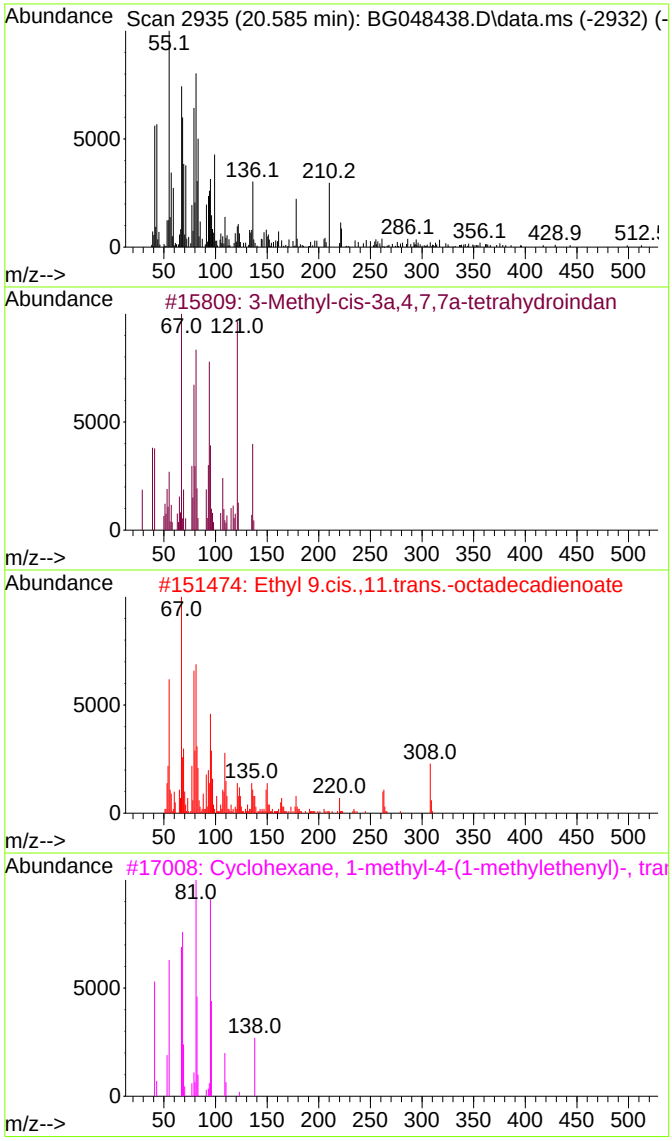
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

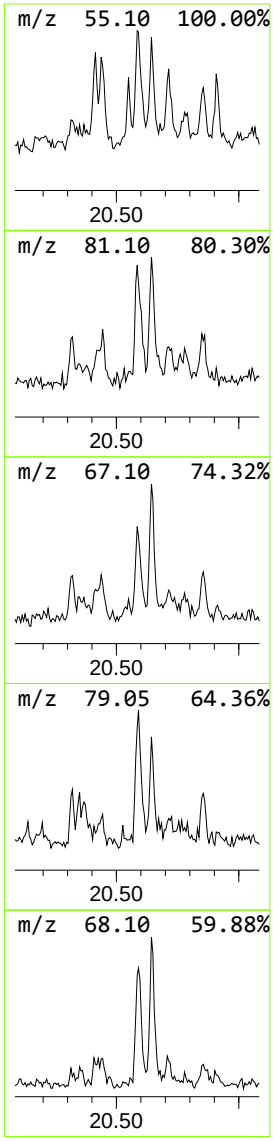
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3-Methyl-cis-3a,4,7,7a-tetr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.585	8.26 ng	519535	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-cis-3a,4,7,7a-tetrahydr...	136	C10H16	1000144-04-4	60
2	Ethyl 9.cis.,11.trans.-octadecad...	308	C20H36O2	1000336-69-8	51
3	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	43
4	1,5-Cyclodecadiene, (E,Z)-	136	C10H16	001124-78-3	41
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	38





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Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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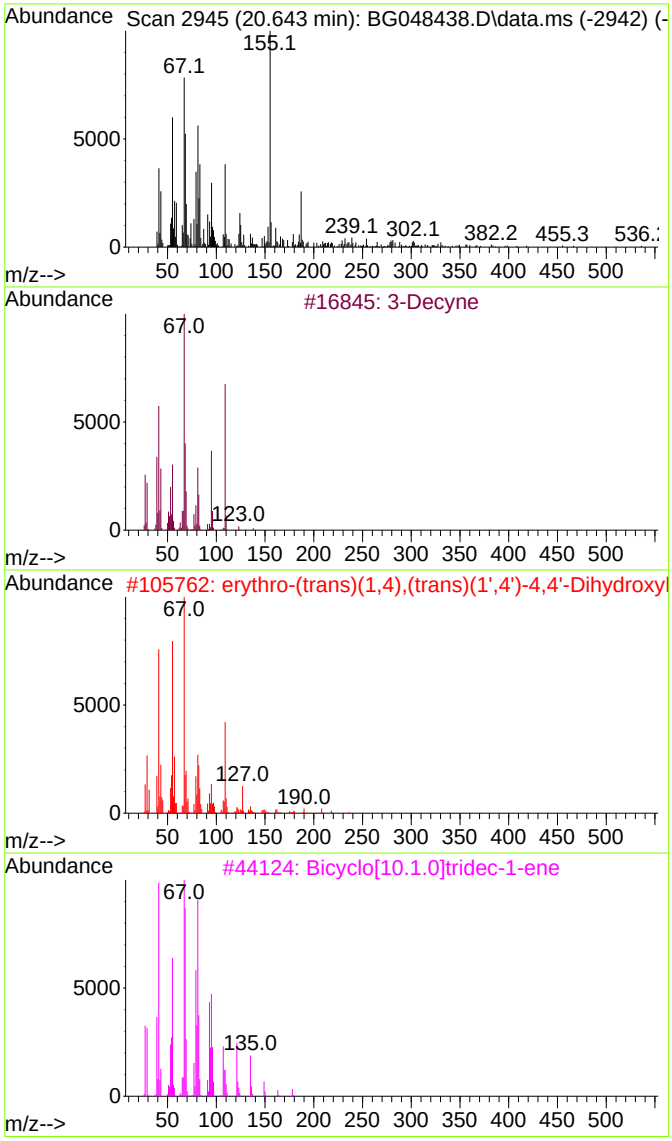
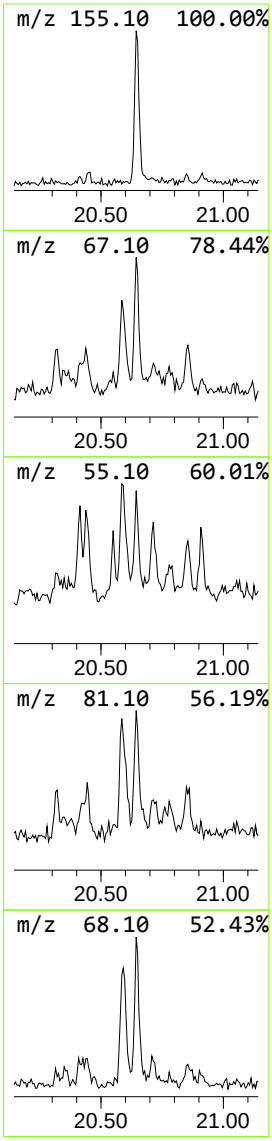
Peak Number 18 unknown20.643 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.643	6.04 ng	379804	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Decyne	138	C10H18	002384-85-2	35
2	erythro-(trans)(1,4),(trans)(1',...	254	C16H30O2	1000154-12-7	30
3	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	27
4	Cyclopentane, (2-methylpropylide...	124	C9H16	053366-58-8	27
5	Cyclohexene, 3,5,5-trimethyl-	124	C9H16	000933-12-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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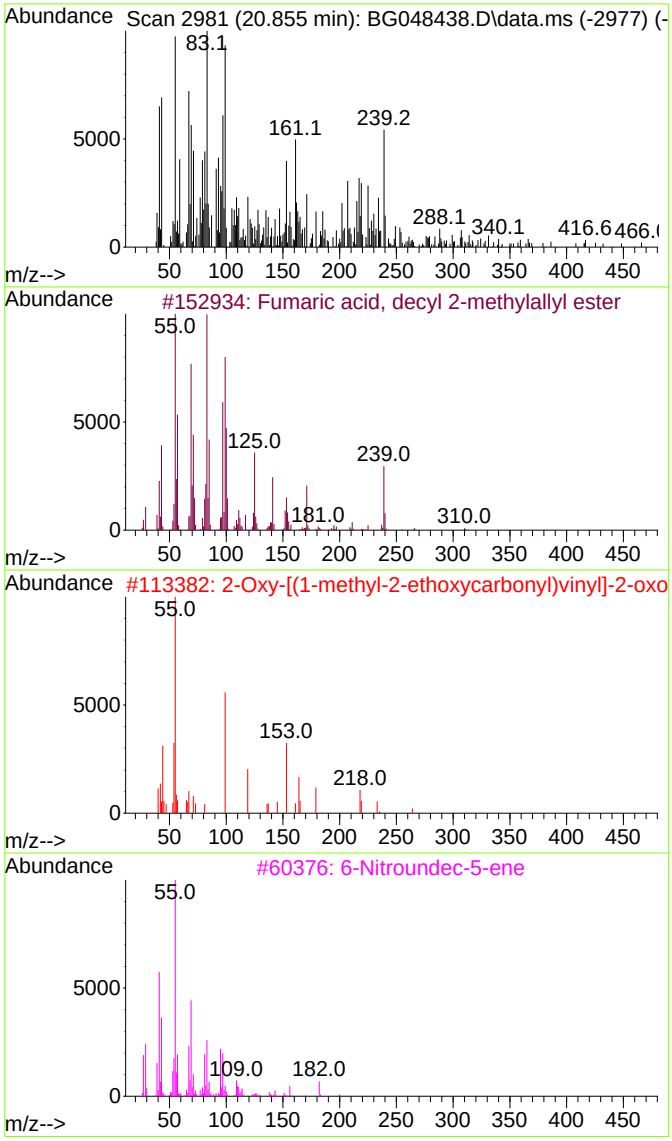
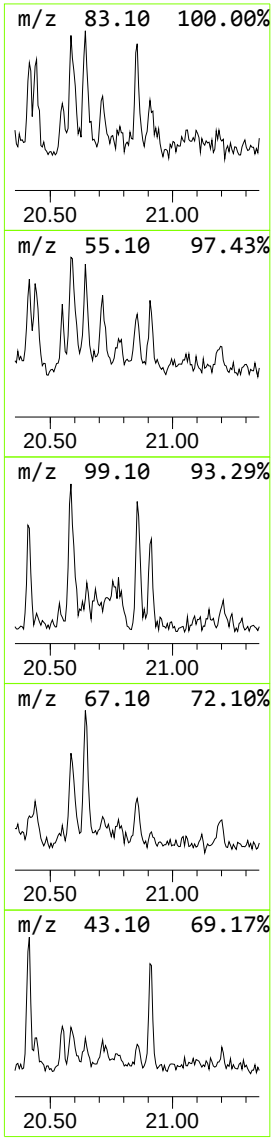
Peak Number 19 unknown20.855 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.855	5.82 ng	366228	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, decyl 2-methylally...	310	C18H30O4	1000330-55-0	46
2	2-Oxy-[(1-methyl-2-ethoxycarbony...	264	C10H17O6P	1000140-57-8	25
3	6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	18
4	10-Methyldodec-2-en-4-olide	210	C13H22O2	1000370-41-0	15
5	Hexanoic acid, 3-phenyl-2-propen...	232	C15H20O2	006994-20-3	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-031821

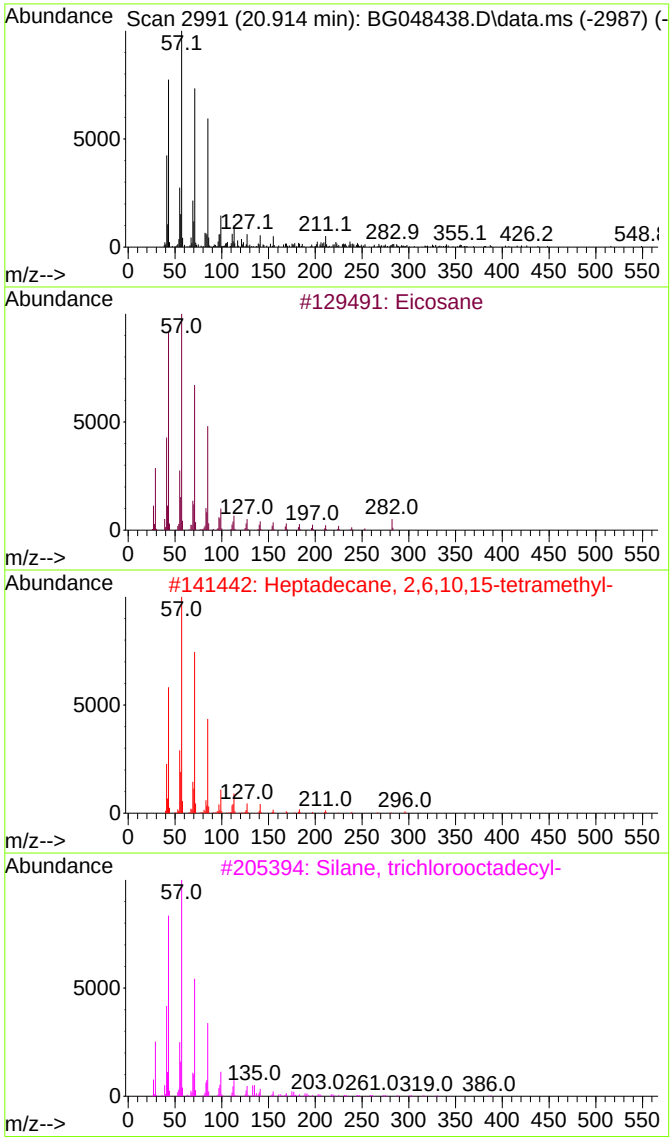
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

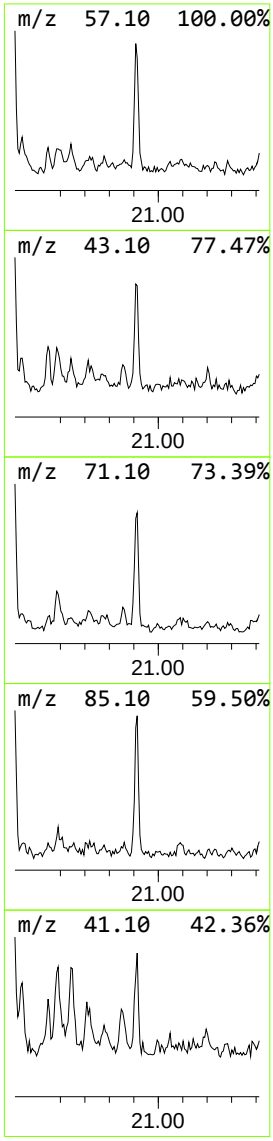
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Heptadecane, 2,6,10,15-tetr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.914	5.33 ng	335024	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
4	Octadecane	254	C18H38	000593-45-3	87
5	Nonadecane	268	C19H40	000629-92-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031921\
Data File : BG048438.D
Acq On : 20 Mar 2021 00:29
Operator : CG/JU
Sample : M1722-01 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-01-031821

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	12.118	5.8	ng	157203	2	10.931	546799	20.0
Tridecane	12.335	15.2	ng	415612	2	10.931	546799	20.0
Tetradecane	13.569	10.2	ng	472204	3	14.750	926255	20.0
Pentadecane	14.639	11.5	ng	531066	3	14.750	926255	20.0
3,5-Dimethyldod...	15.585	11.3	ng	525322	3	14.750	926255	20.0
Pentadecane, 2,...	15.996	6.3	ng	293747	3	14.750	926255	20.0
Octacosane	16.454	14.2	ng	707604	4	17.500	998912	20.0
Heneicosane	17.247	9.1	ng	456120	4	17.500	998912	20.0
Hexadecane, 7-m...	17.300	6.2	ng	309887	4	17.500	998912	20.0
Sulfurous acid,...	17.988	8.2	ng	408865	4	17.500	998912	20.0
Hexadecanoic ac...	18.164	83.1	ng	4151550	4	17.500	998912	20.0
Anthracene, 2-m...	18.381	9.0	ng	447539	4	17.500	998912	20.0
Eicosane	18.681	6.5	ng	325949	4	17.500	998912	20.0
9,12-Octadecadi...	19.304	218.1	ng	10893700	4	17.500	998912	20.0
9-Octadecenoic ...	19.339	220.2	ng	10999700	4	17.500	998912	20.0
Methyl stearate	19.462	30.6	ng	1529290	4	17.500	998912	20.0
3-Methyl-cis-3a...	20.585	8.3	ng	519535	5	21.795	1257700	20.0
unknown20.643	20.643	6.0	ng	379804	5	21.795	1257700	20.0
unknown20.855	20.855	5.8	ng	366228	5	21.795	1257700	20.0
Heptadecane, 2,...	20.914	5.3	ng	335024	5	21.795	1257700	20.0