LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

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_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039105.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	295	301	312	rBV	1922251	2615146	4.75%	0.897%
2	5.522	373	380	389	rBV	4414857	6396863	11.61%	2.194%
3	7.128	644	653	660	rBV	4252422	6627904	12.03%	2.273%
4	7.963	786	795	802	rBV	1189281	1993643	3.62%	0.684%
5	9.134	988	994	1000	rBV	2528472	4098921	7.44%	1.406%
6	10.751	1262	1269	1270	rBV	662442	1011722	1.84%	0.347%
7	10.781	1270	1274	1278	rVV	1543352	2579317	4.68%	0.885%
8	10.828	1278	1282	1289	rVB	820934	1367831	2.48%	0.469%
9	12.192	1505	1514	1520	rBV	772885	1251266	2.27%	0.429%
10	12.433	1545	1555	1561	rVB2	600811	1149592	2.09%	0.394%
11	12.651	1586	1592	1596	rBV	429667	792126	1.44%	0.272%
12	13.233	1684	1691	1700	rVB	5920714	8667160	15.73%	2.972%
13	13.427	1719	1724	1732	rVB	895836	1359610	2.47%	0.466%
14	13.769	1776	1782	1796	rVB3	226808	722590	1.31%	0.248%
15	14.086	1828	1836	1839	rBV2	352112	625038	1.13%	0.214%
16	14.498	1901	1906	1913	rBV	1015743	1332505	2.42%	0.457%
17	14.604	1914	1924	1931	rBV	2257831	3577809	6.49%	1.227%
18	15.445	2061	2067	2072	rVB	972232	1240746	2.25%	0.425%
19	15.857	2126	2137	2141	rBV	392234	865025	1.57%	0.297%
20	15.963	2148	2155	2159	rVB	610404	957955	1.74%	0.329%
21	16.092	2169	2177	2184	rBV	4199464	6078382	11.03%	2.084%
22	16.310	2209	2214	2217	rBV	1054545	1576304	2.86%	0.541%
23	17.104	2344	2349	2353	rBV	1019808	1234951	2.24%	0.424%
24	17.157	2354	2358	2368	rVB2	486467	969835	1.76%	0.333%
25	17.351	2385	2391	2395	rBV	2533419	3603315	6.54%	1.236%
26	17.392	2395	2398	2405	rVB	885636	1179293	2.14%	0.404%
27	17.845	2470	2475	2479	rBV	795948	1044389	1.90%	0.358%
28	17.892	2479	2483	2486	rVV	479881	581352	1.05%	0.199%
29	18.027	2499	2506	2511	rBV	36084501	54922899	99.66%	18.835%
30	18.262	2536	2546	2558	rBV2	5718058	9431005	17.11%	3.234%
31	18.533	2588	2592	2595	rBV	799039	1046054	1.90%	0.359%
32	18.562	2595	2597	2604	rVB3	560099	764796	1.39%	0.262%
33	18.698	2616	2620	2628	rBV2	656404	994296	1.80%	0.341%
34	19.168	2692	2700	2701	rBV2	36362271	55108687	100.00%	18.899%
35	19.280	2716	2719	2722	rVB	1620243	1753177	3.18%	0.601%
36	19.327	2722	2727	2732	rVB	24199400	31297954	56.79%	10.733%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

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_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.392	2732	2738	2740	rBV	13144002	18815651	34.14%	6.453%
38	19.415	2740	2742	2754	rVV3	8247164	13010051	23.61%	4.462%
39	19.521	2757	2760	2770	rVB2	1873531	2606650	4.73%	0.894%
40	19.686	2785	2788	2794	rVV2	404244	569001	1.03%	0.195%
41	19.745	2795	2798	2799	rVV2	632545	663915	1.20%	0.228%
42	19.768	2799	2802	2811	rVB	1242927	2217148	4.02%	0.760%
43	19.974	2832	2837	2846	rVB	9318333	11175119	20.28%	3.832%
44	20.215	2875	2878	2879	rBV2	581836	591677	1.07%	0.203%
45	20.274	2886	2888	2891	rBV4	519187	744354	1.35%	0.255%
46	20.309	2891	2894	2901	rVB	1806460	2471313	4.48%	0.847%
47	20.415	2908	2912	2916	rBV	2980231	3572627	6.48%	1.225%
48	20.515	2926	2929	2933	rVB2	468066	611672	1.11%	0.210%
49	21.233	3048	3051	3056	rVB2	923493	1064547	1.93%	0.365%
50	21.362	3070	3073	3079	rVB	2712939	3044198	5.52%	1.044%
51	21.527	3095	3101	3105	rBV2	3107082	4778867	8.67%	1.639%
52	22.297	3229	3232	3240	rVB2	908845	1225215	2.22%	0.420%
53	23.962	3510	3515	3521	rVB2	1812920	3619986	6.57%	1.241%

Sum of corrected areas: 291601449

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
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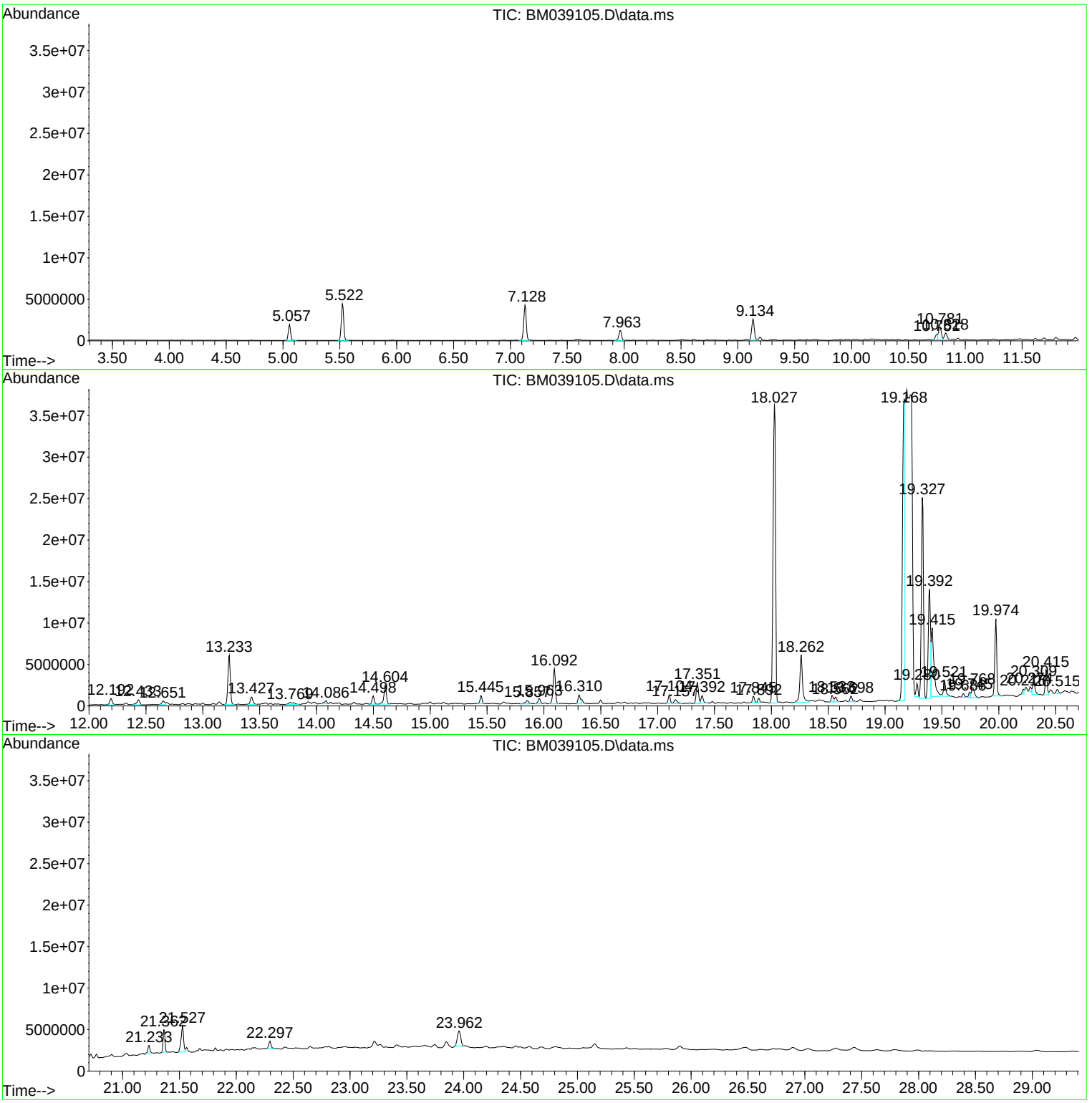
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

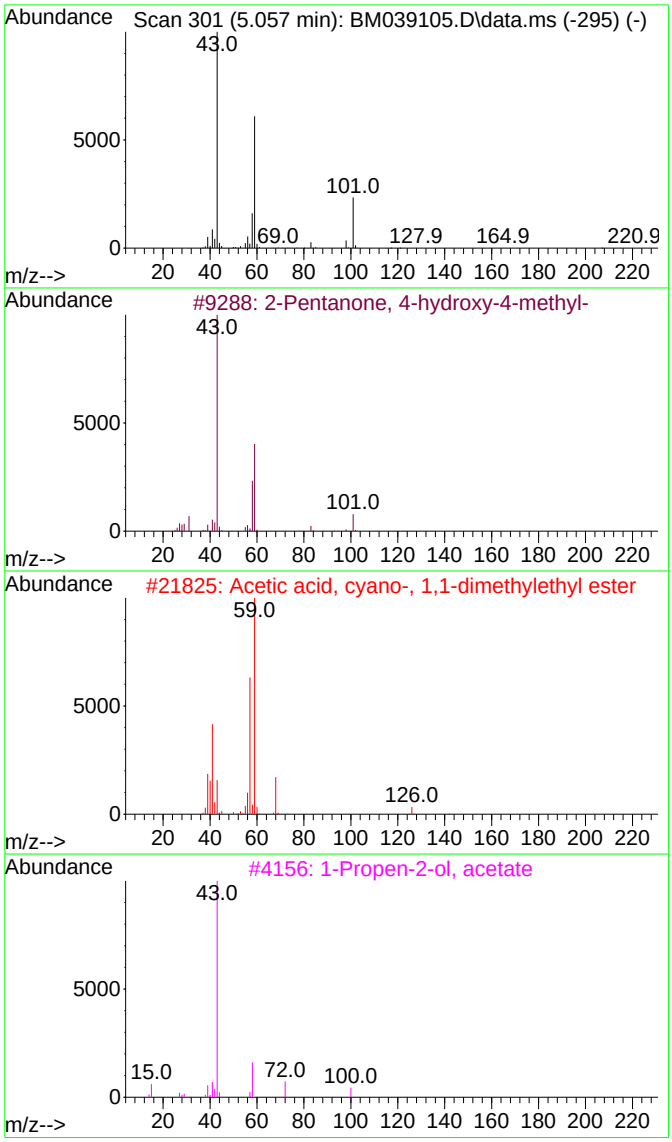
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

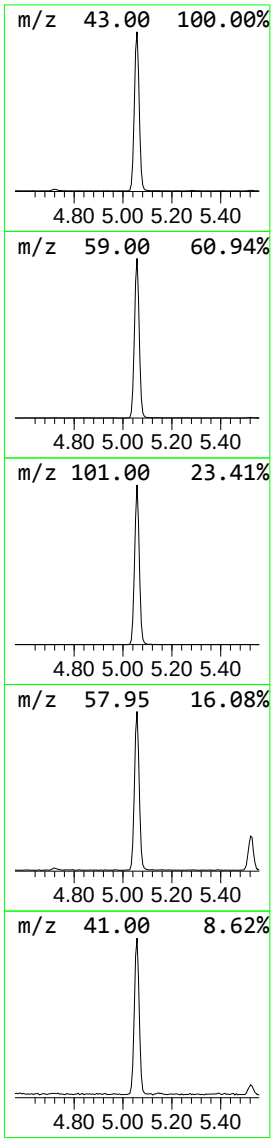
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	26.23 ng	2615150	1,4-Dichlorobenzene-d4	7.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

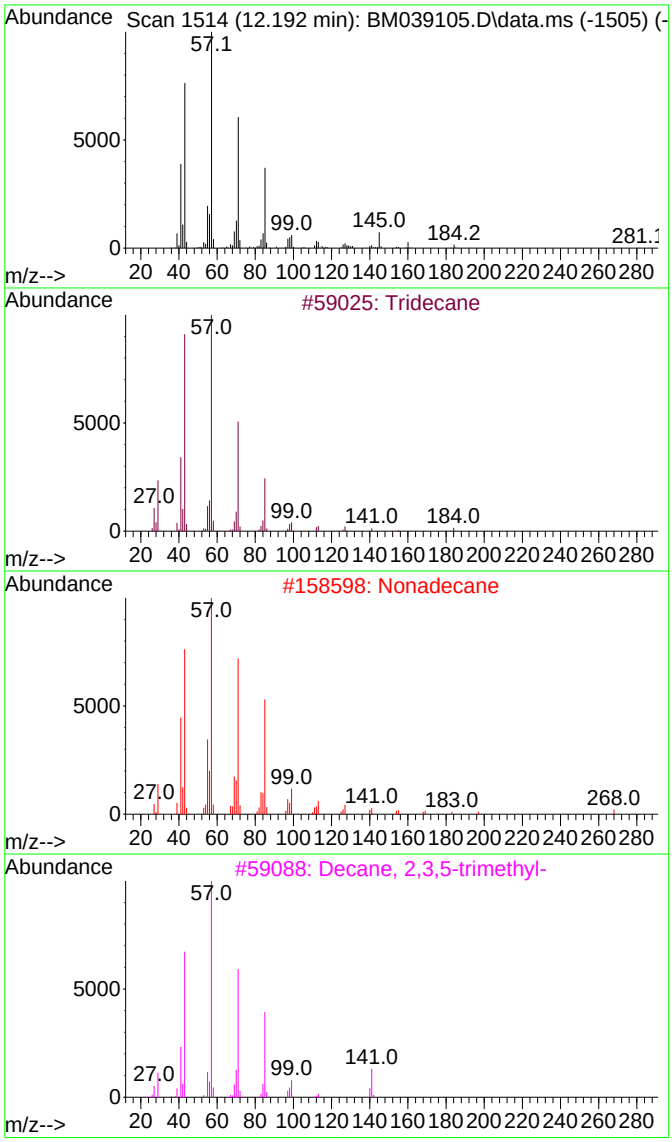
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

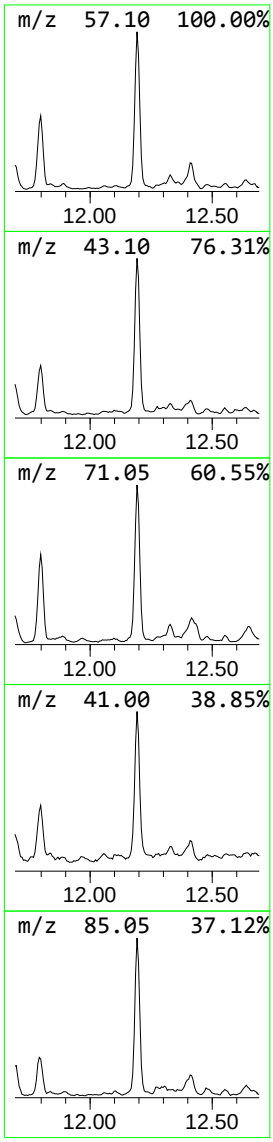
****

Peak Number 2 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	9.70 ng	1251270	Naphthalene-d8	10.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Nonadecane	268	C19H40	000629-92-5	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

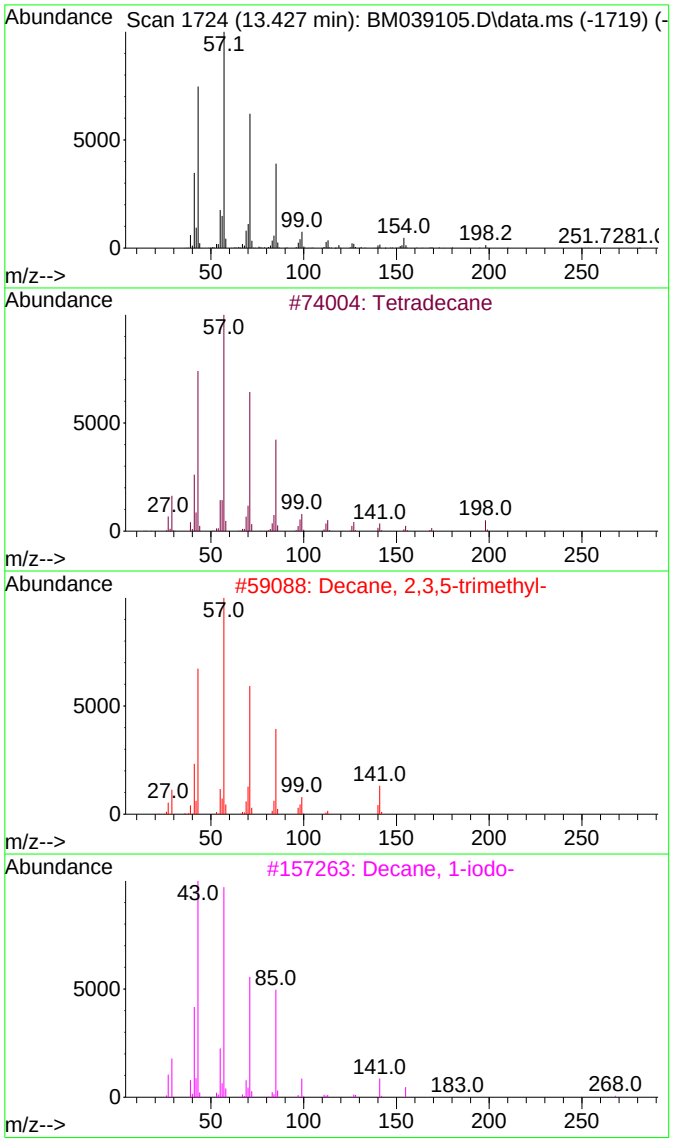
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

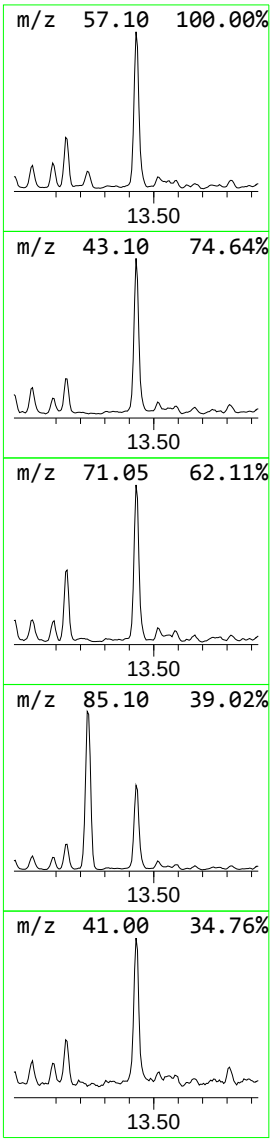
****

Peak Number 3 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.427	7.60 ng	1359610	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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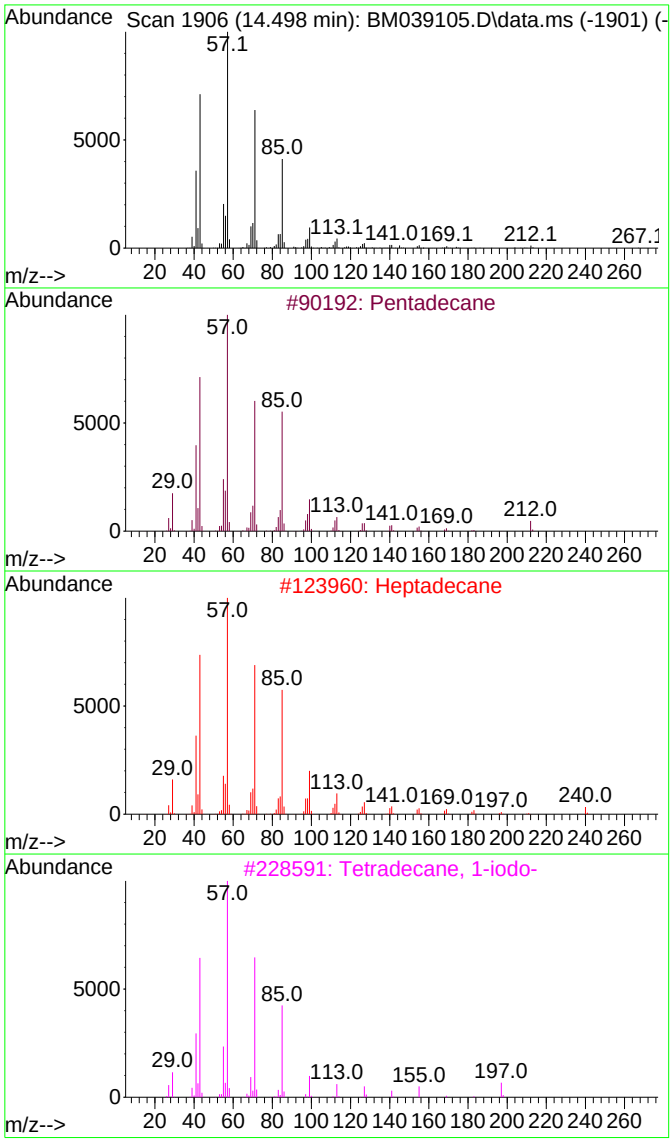
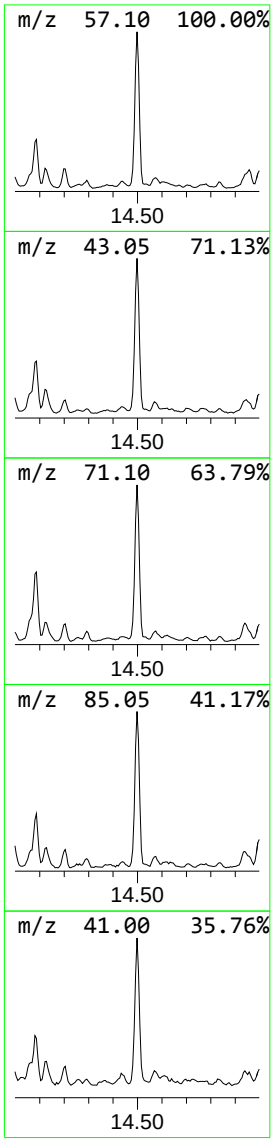
Peak Number 4 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.498	7.45 ng	1332510	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5	9-methylheptadecane	254	C18H38	026741-18-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

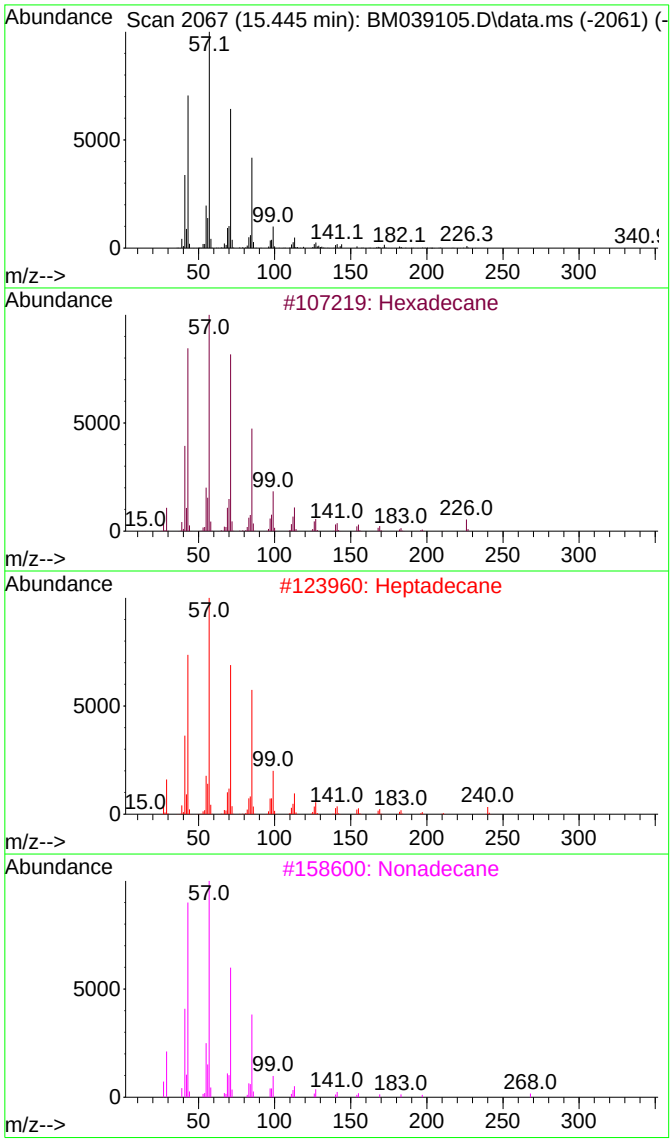
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

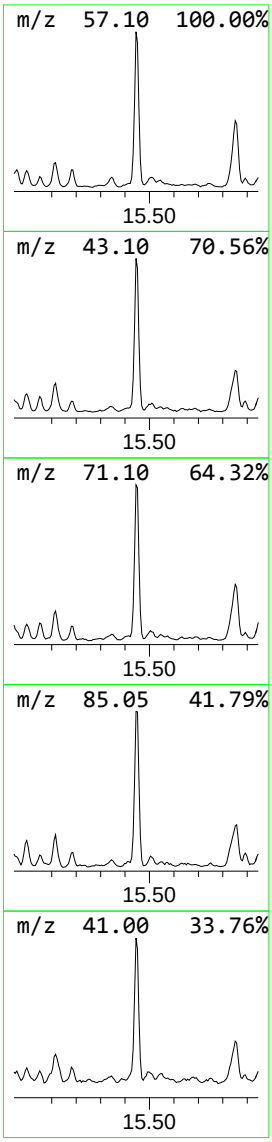
****

Peak Number 5 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	6.94 ng	1240750	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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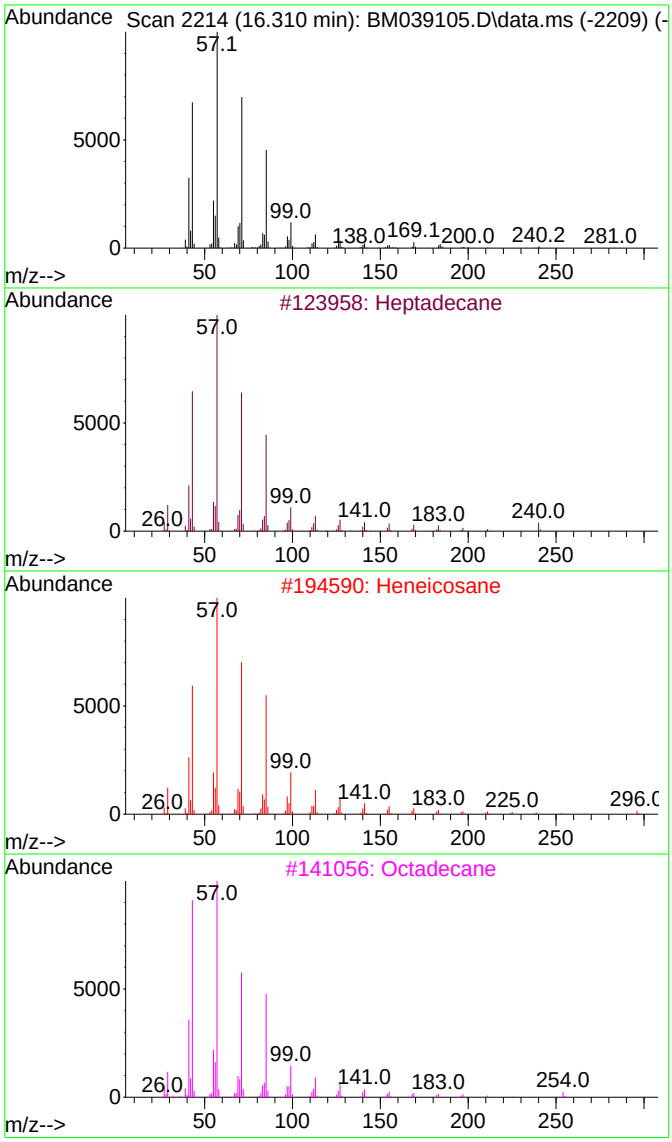
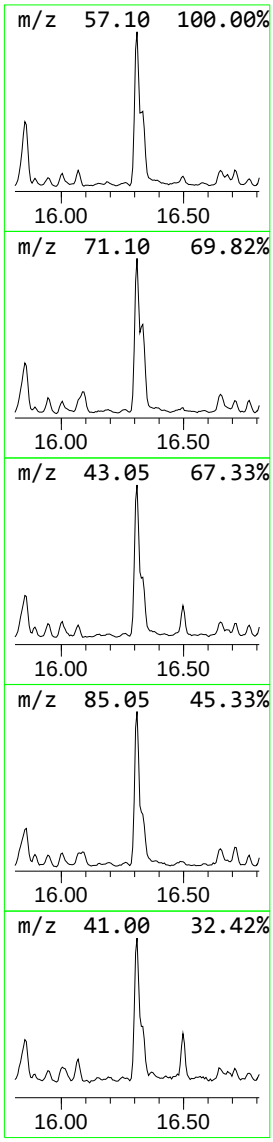
Peak Number 6 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.310	8.75 ng	1576300	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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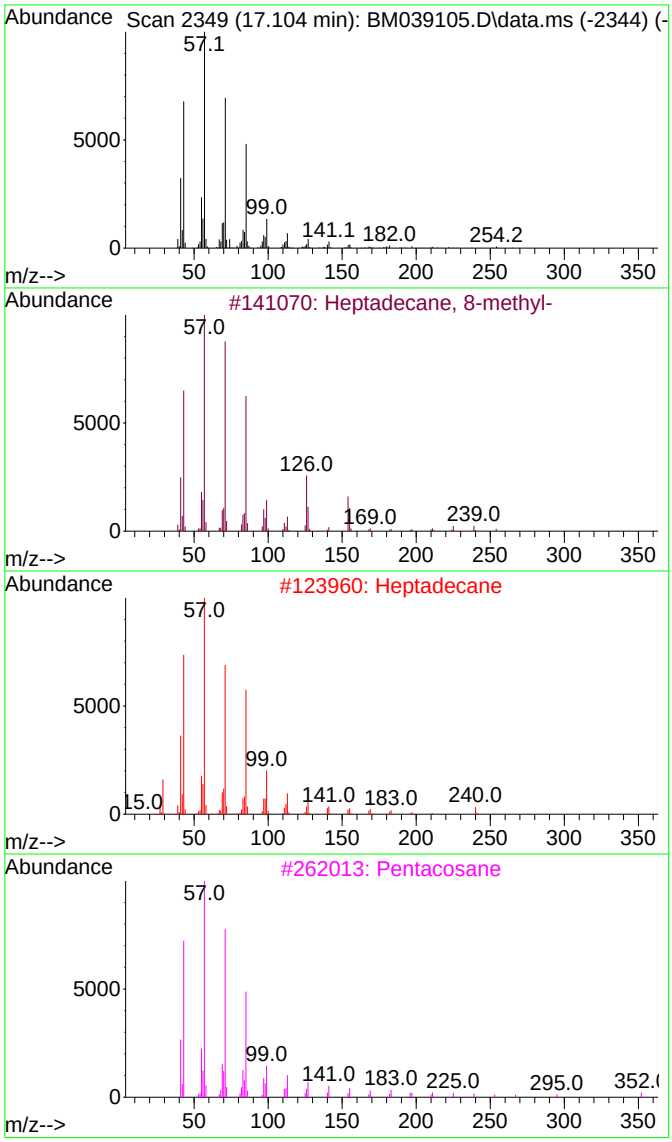
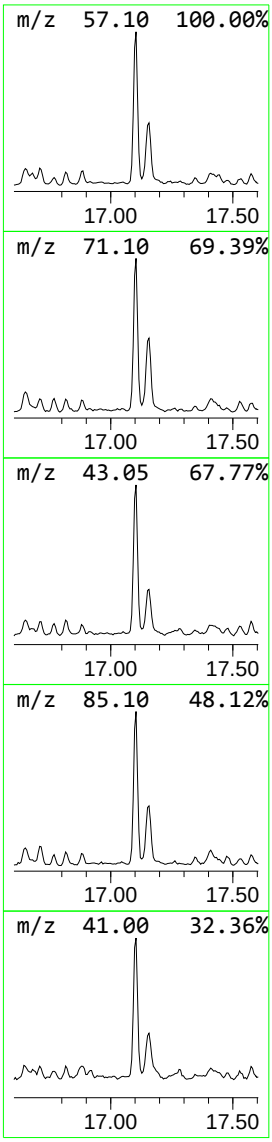
Peak Number 7 Heptadecane, 8-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.104	6.85 ng	1234950	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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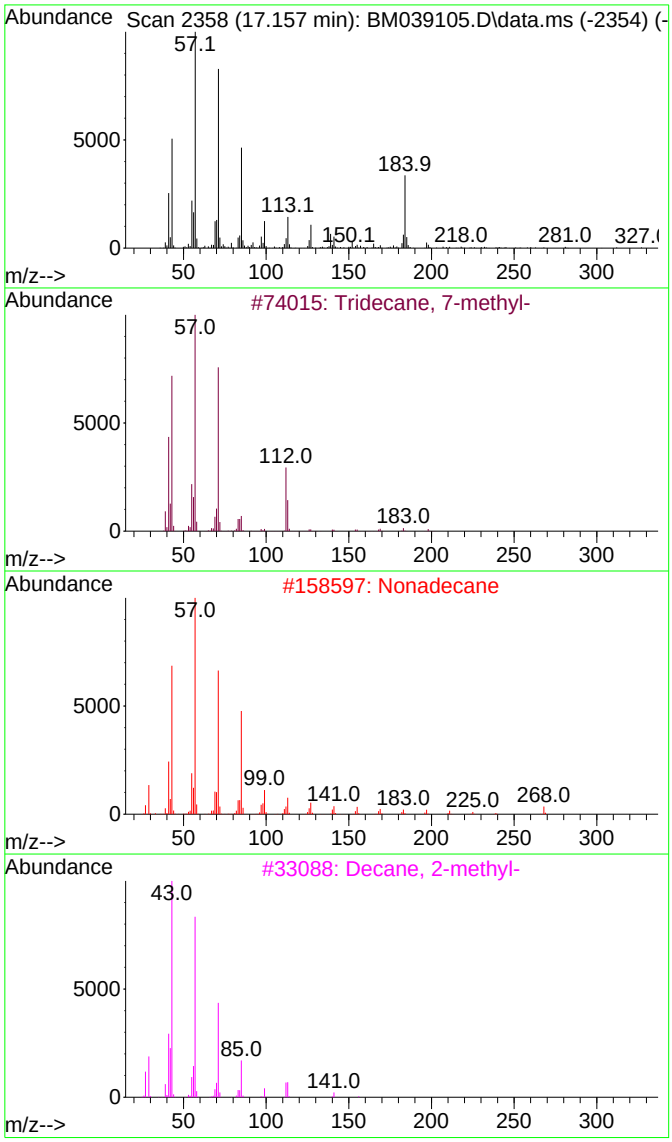
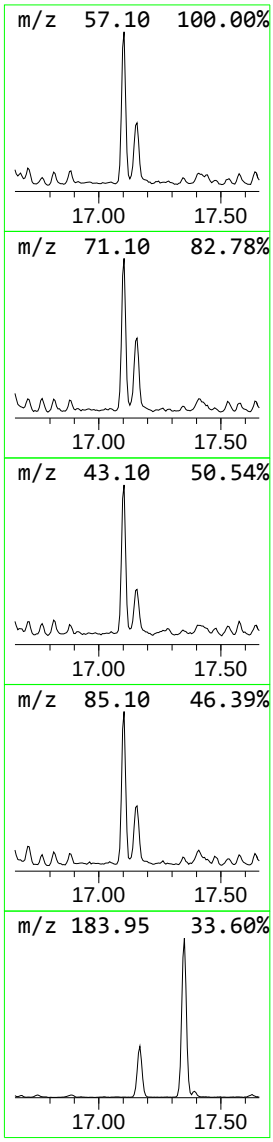
Peak Number 8 Tridecane, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.157	5.38 ng	969835	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	87
2	Nonadecane	268	C19H40	000629-92-5	81
3	Decane, 2-methyl-	156	C11H24	006975-98-0	81
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	81
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	80





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Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

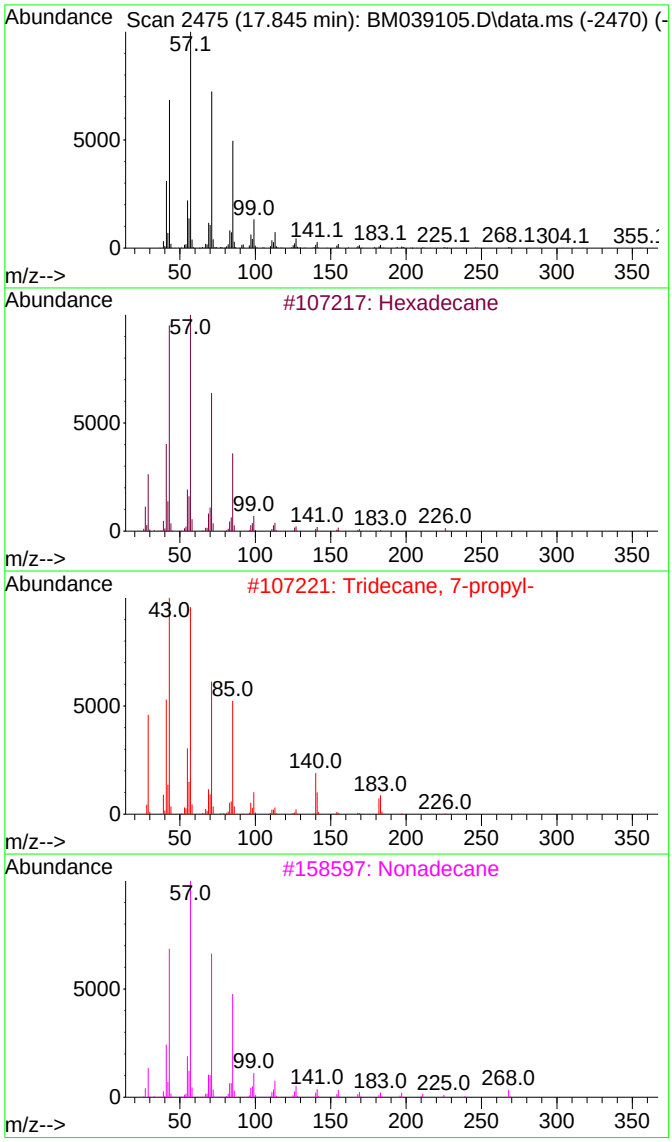
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

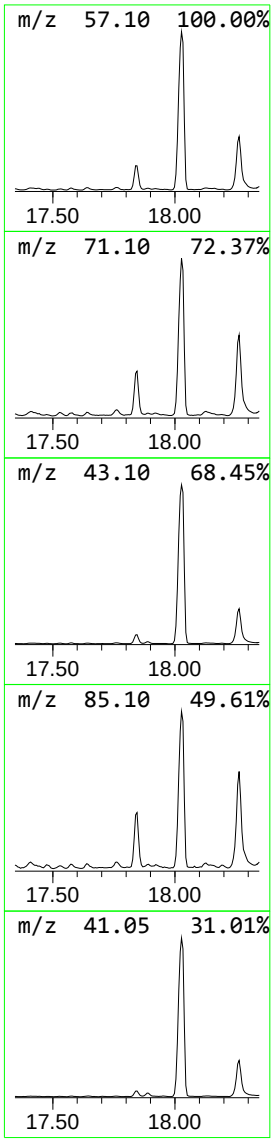
****

Peak Number 9 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	5.80 ng	1044390	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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ClientSampleId :
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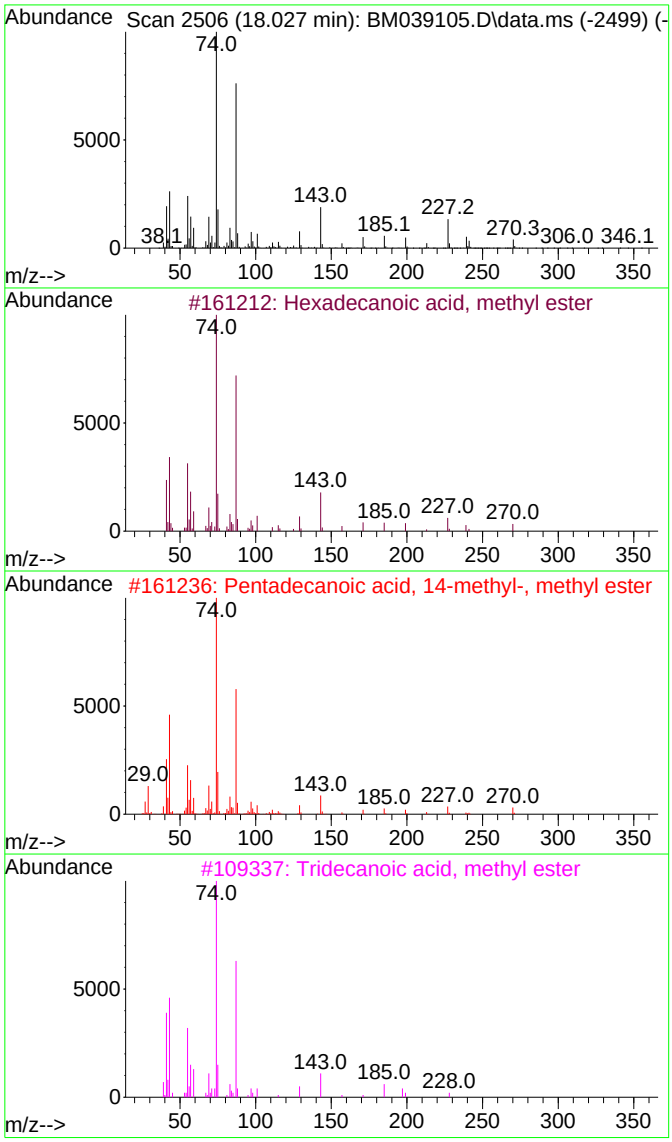
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

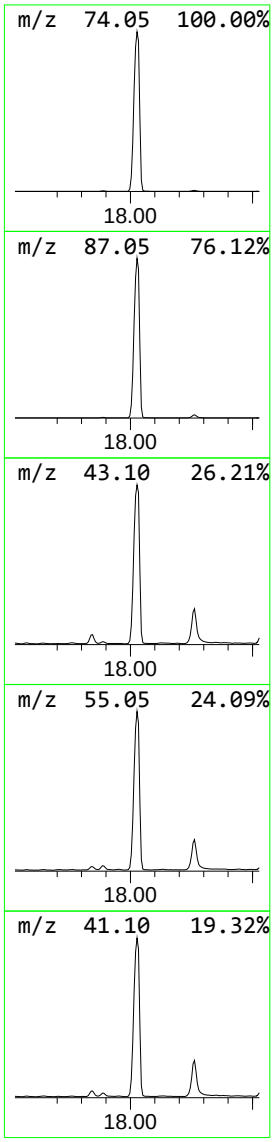
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.027	304.85 ng	54922900	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





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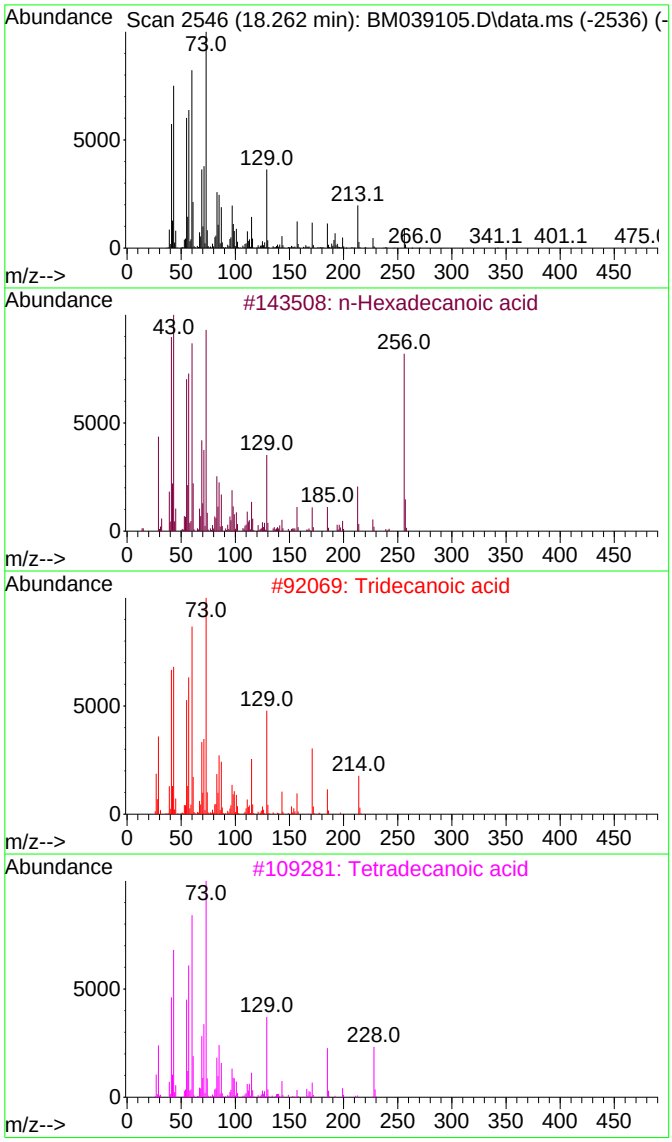
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

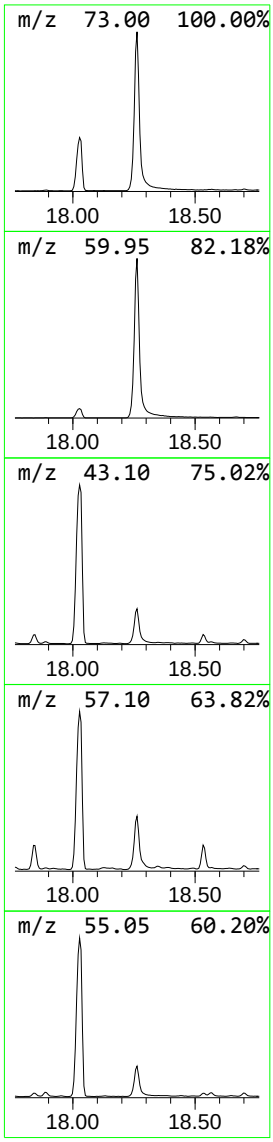
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	52.35 ng	9431010	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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Instrument :
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ClientSampleId :
TR-05-032123

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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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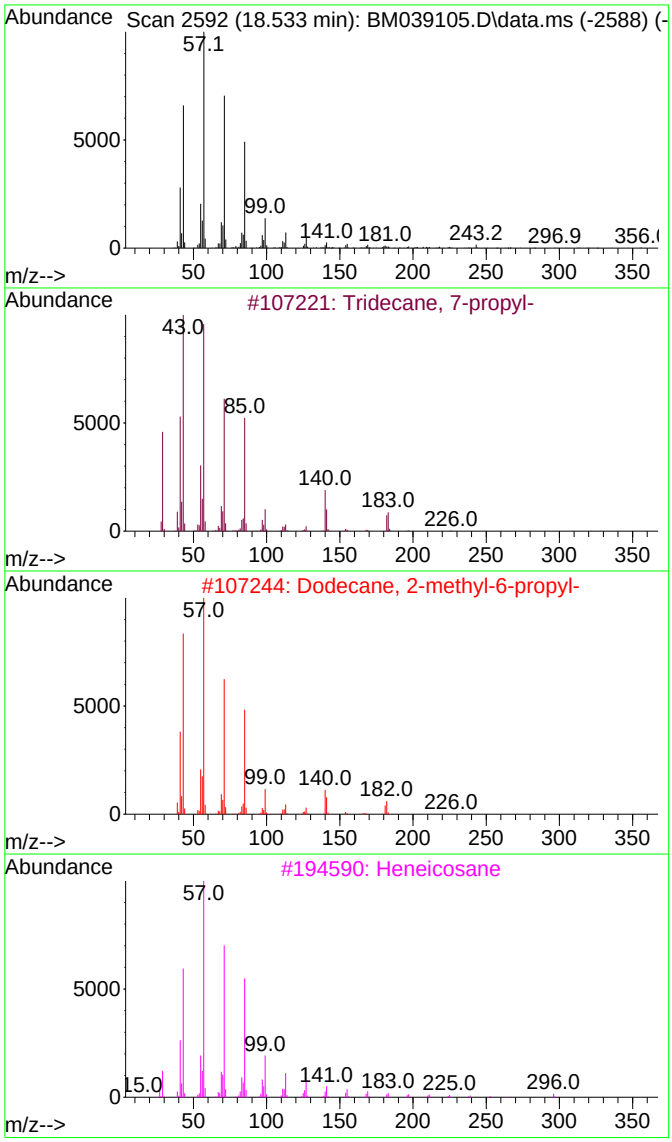
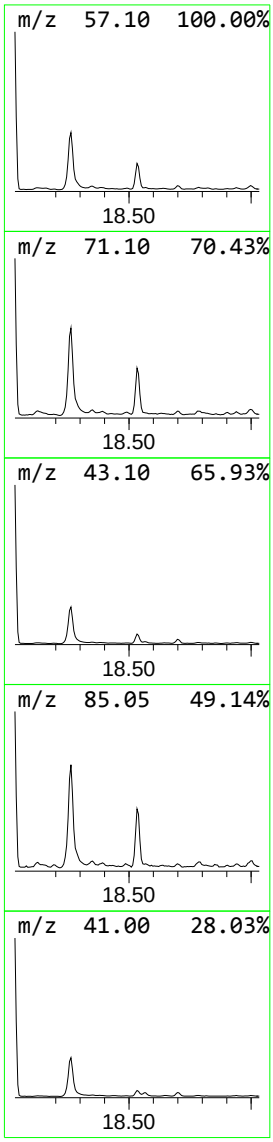
Peak Number 12 Tridecane, 7-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	5.81 ng	1046050	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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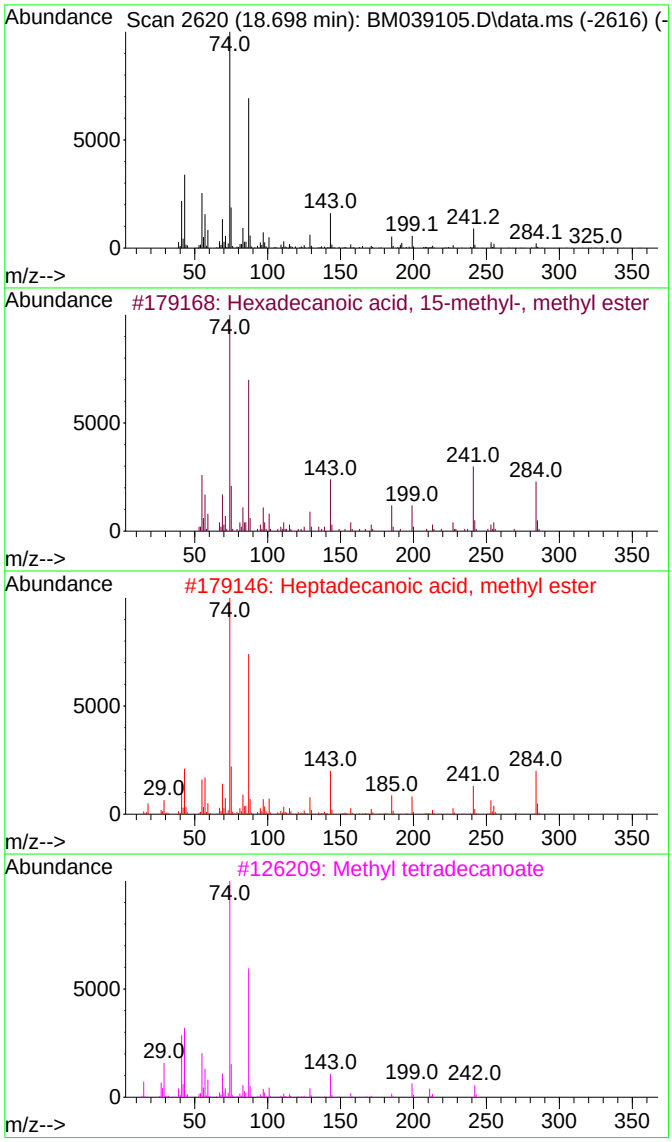
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

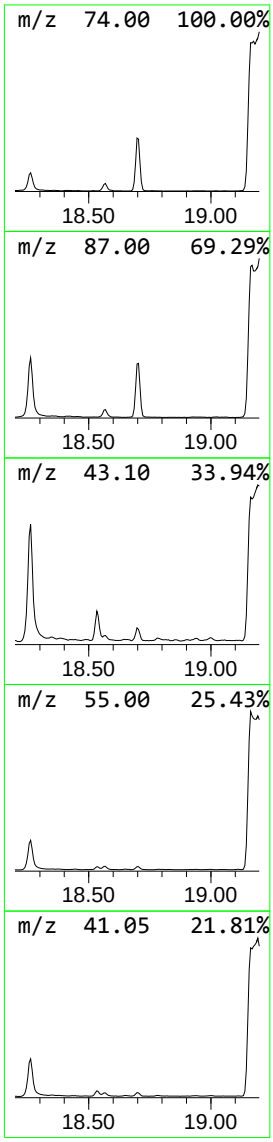
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Hexadecanoic acid, 15-methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	5.52 ng	994296	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	96
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	90
5	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87





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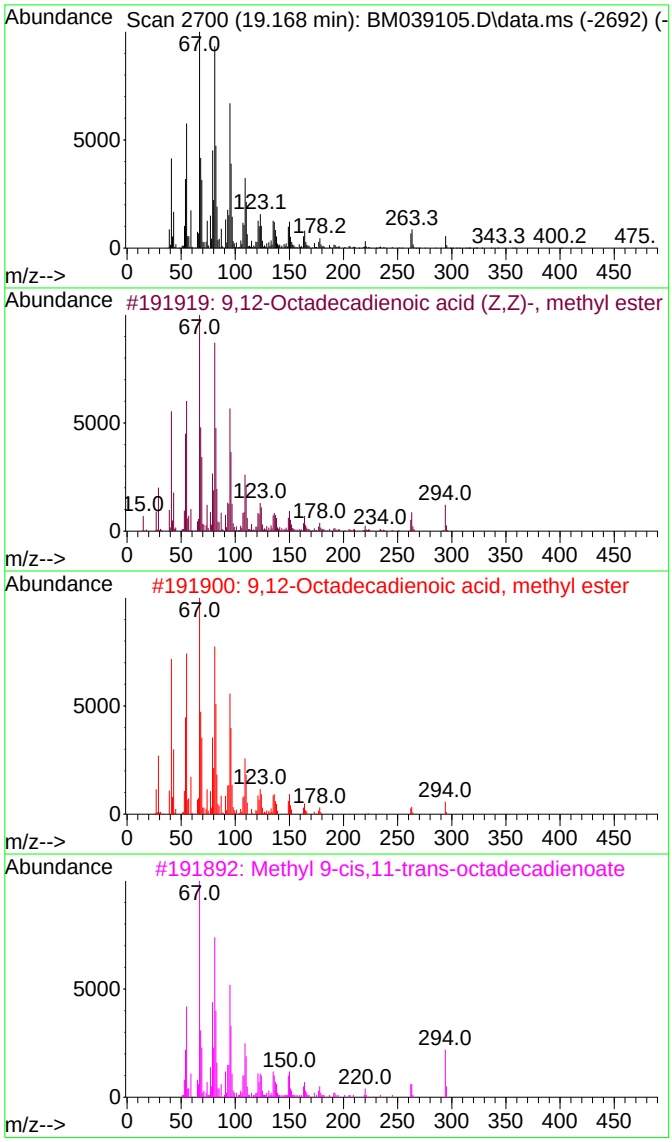
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

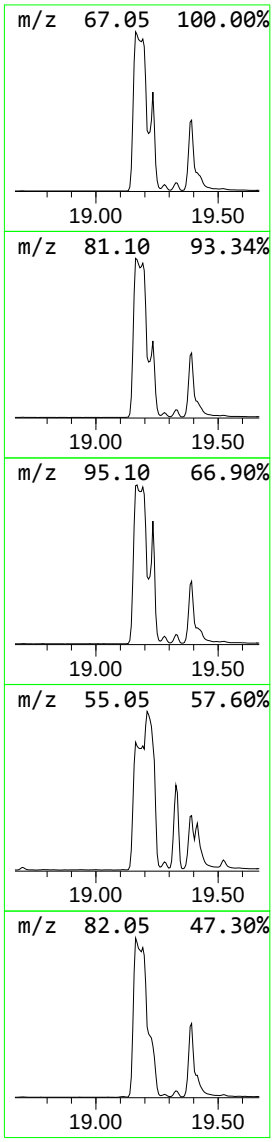
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.168	305.88 ng	55108700	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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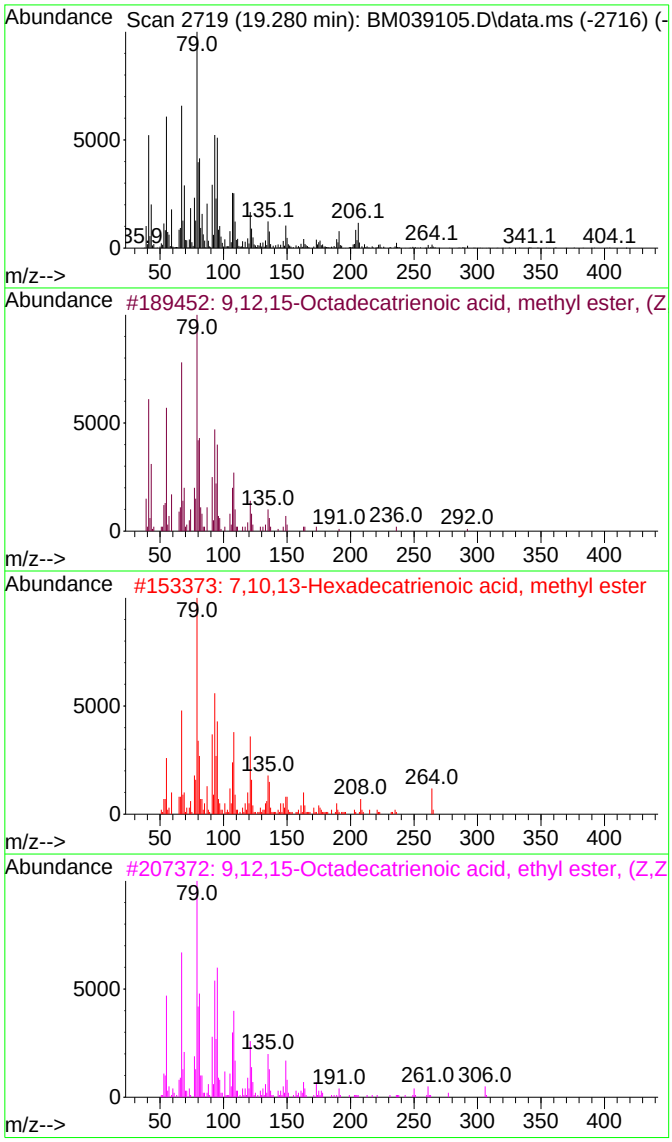
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

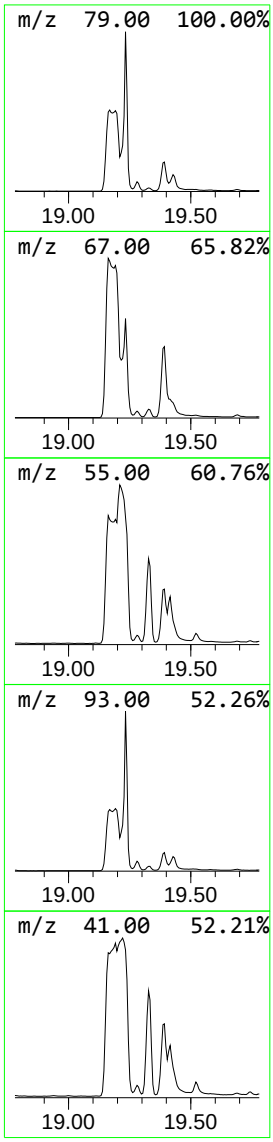
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12,15-Octadecatrienoic ac... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.280	9.73 ng	1753180	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	99
2	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	87
3	9,12,15-Octadecatrienoic acid, e...	306	C20H34O2	001191-41-9	87
4	Methyl 2-hydroxy-octadeca-9,12,1...	308	C19H32O3	1000336-39-1	81
5	9,12,15-Octadecatrienoic acid, (...	278	C18H30O2	000463-40-1	74





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ClientSampleId :
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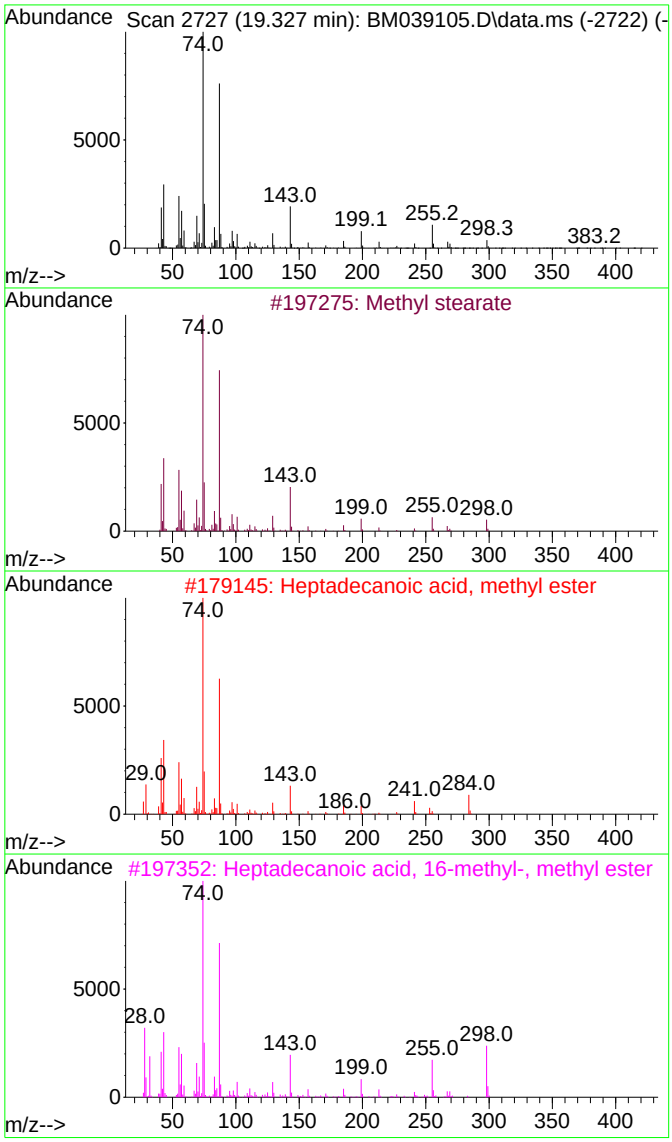
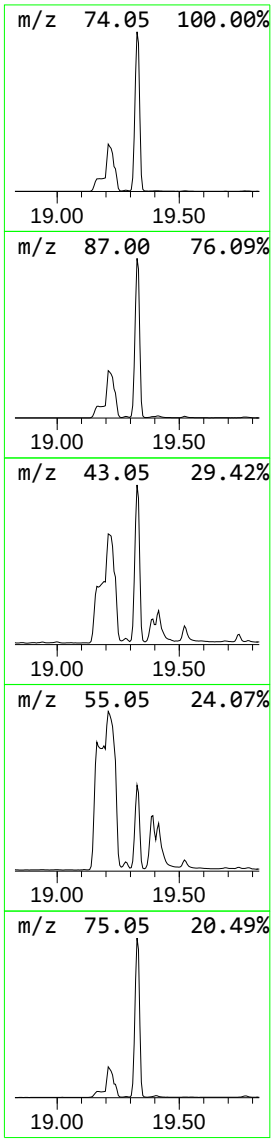
****

Peak Number 16 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	173.72 ng	31298000	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
4	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	87
5	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87





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

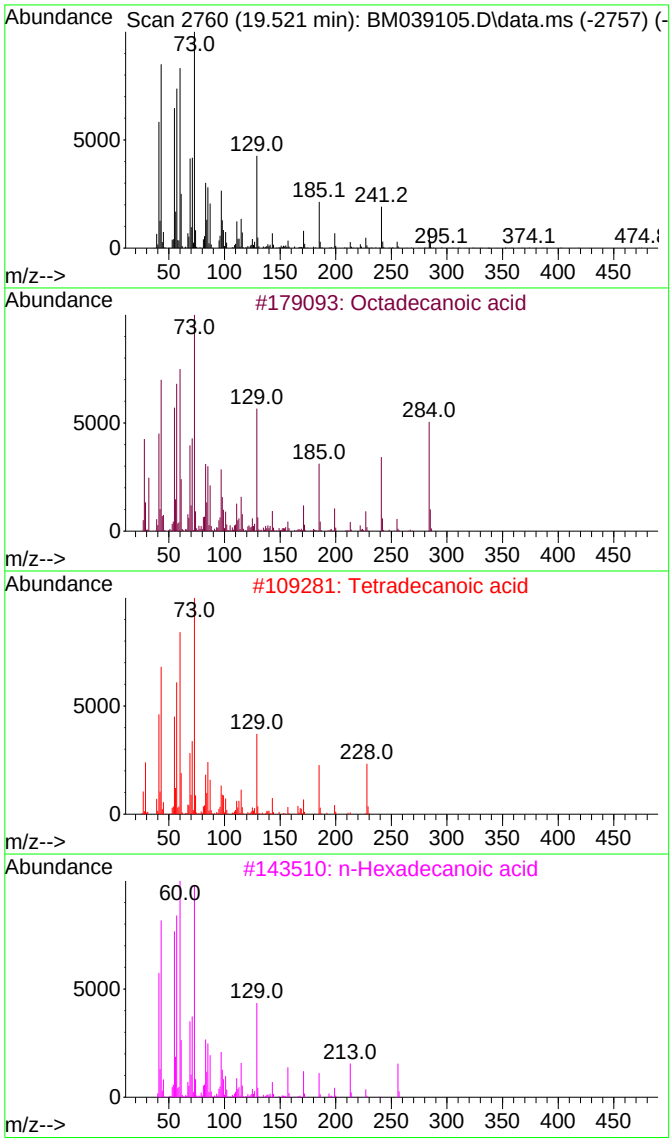
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

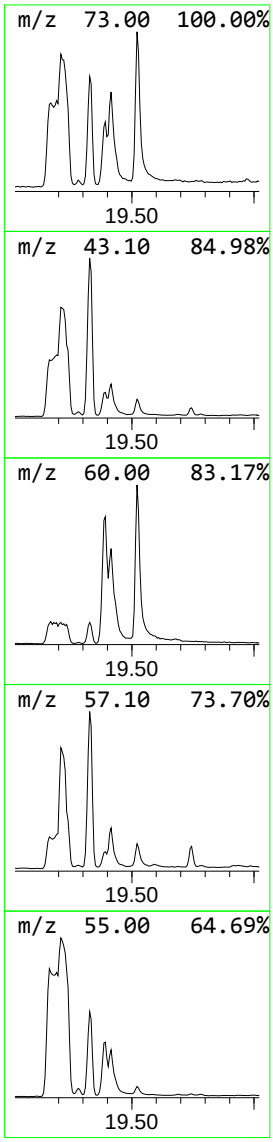
****

Peak Number 17 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	10.91 ng	2606650	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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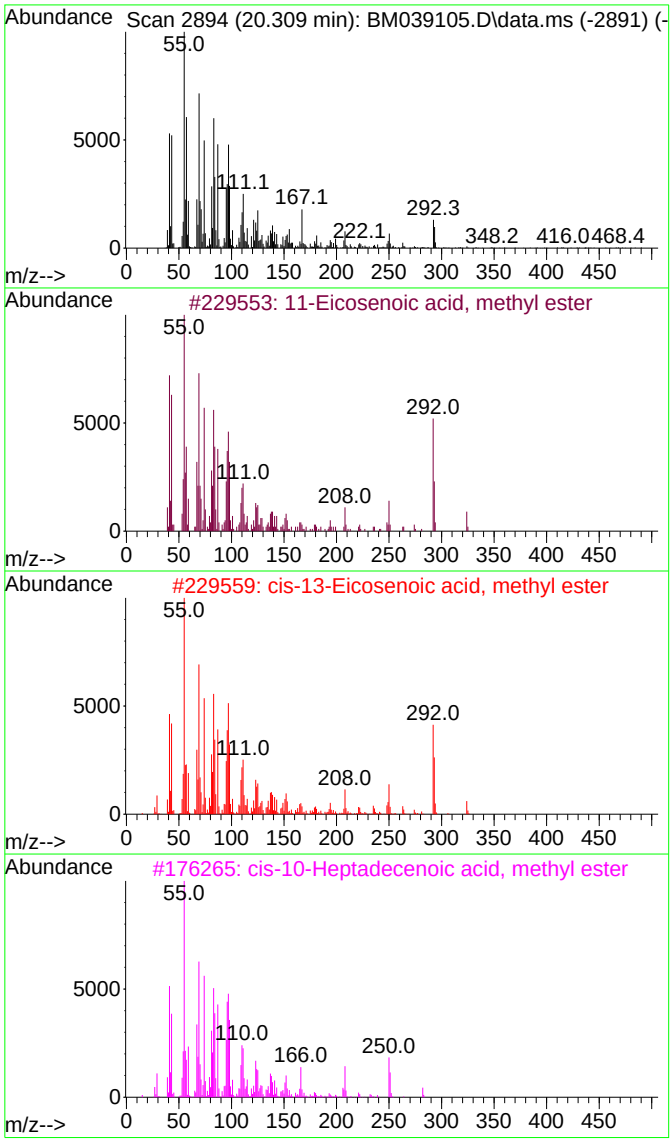
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

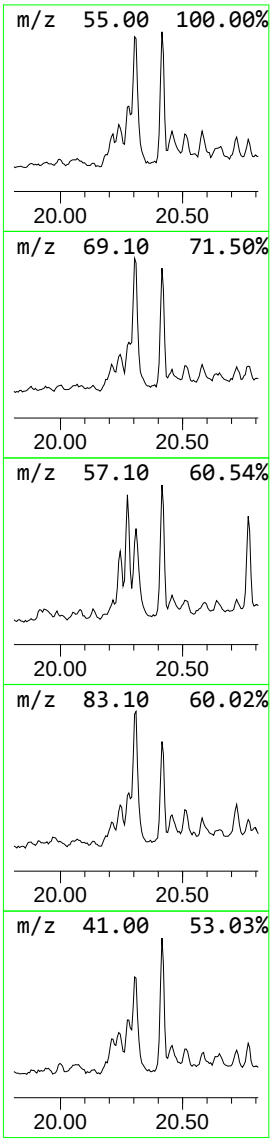
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11-Eicosenoic acid, methyl ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.309	10.34 ng	2471310	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Eicosenoic acid, methyl ester	324	C21H40O2	003946-08-5	98
2	cis-13-Eicosenoic acid, methyl e...	324	C21H40O2	069120-02-1	95
3	cis-10-Heptadecenoic acid, methy...	282	C18H34O2	1000333-62-1	87
4	cis-Methyl 11-eicosenoate	324	C21H40O2	002390-09-2	87
5	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	74





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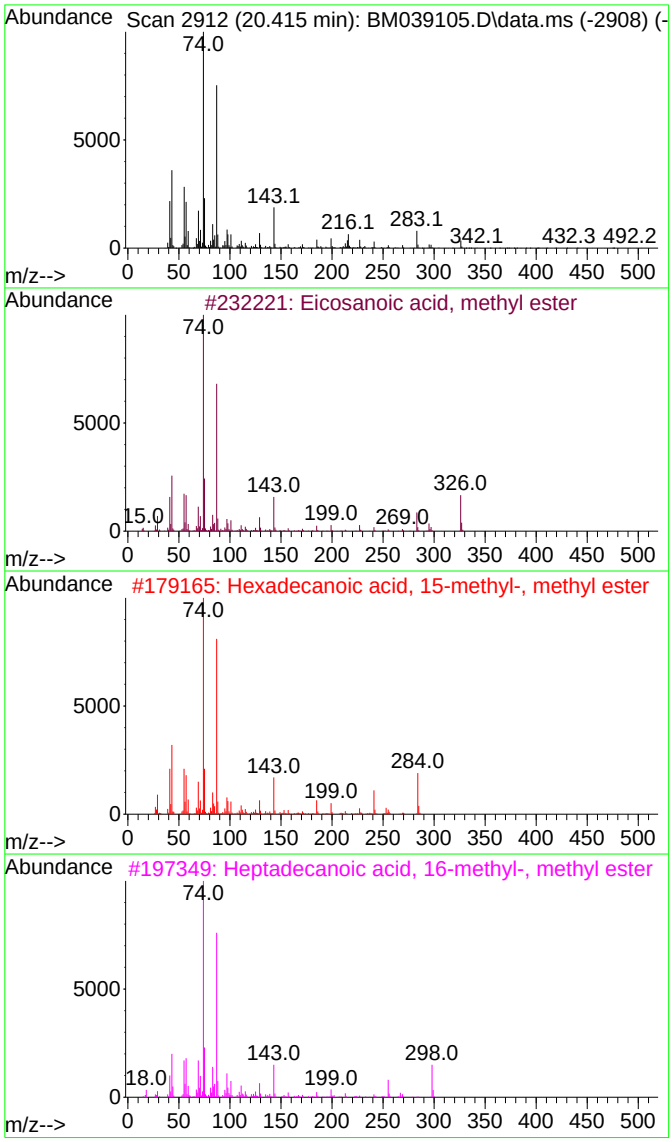
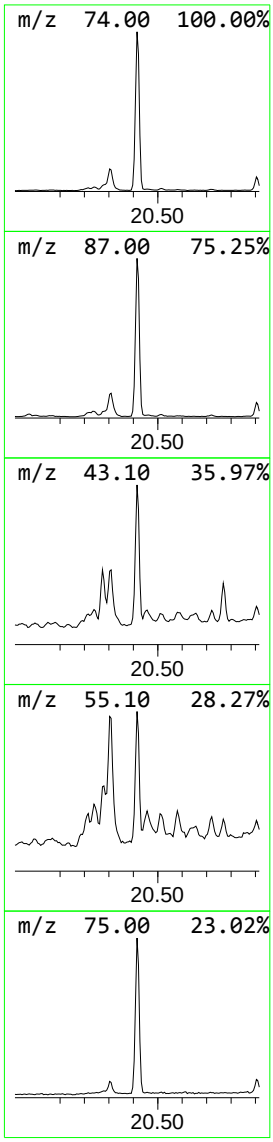
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.415	14.95 ng	3572630	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	94
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
4	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
5	Methyl 18-methylnonadecanoate	326	C21H42O2	1000424-52-4	91





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Acq On : 22 Mar 2023 23:16
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Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

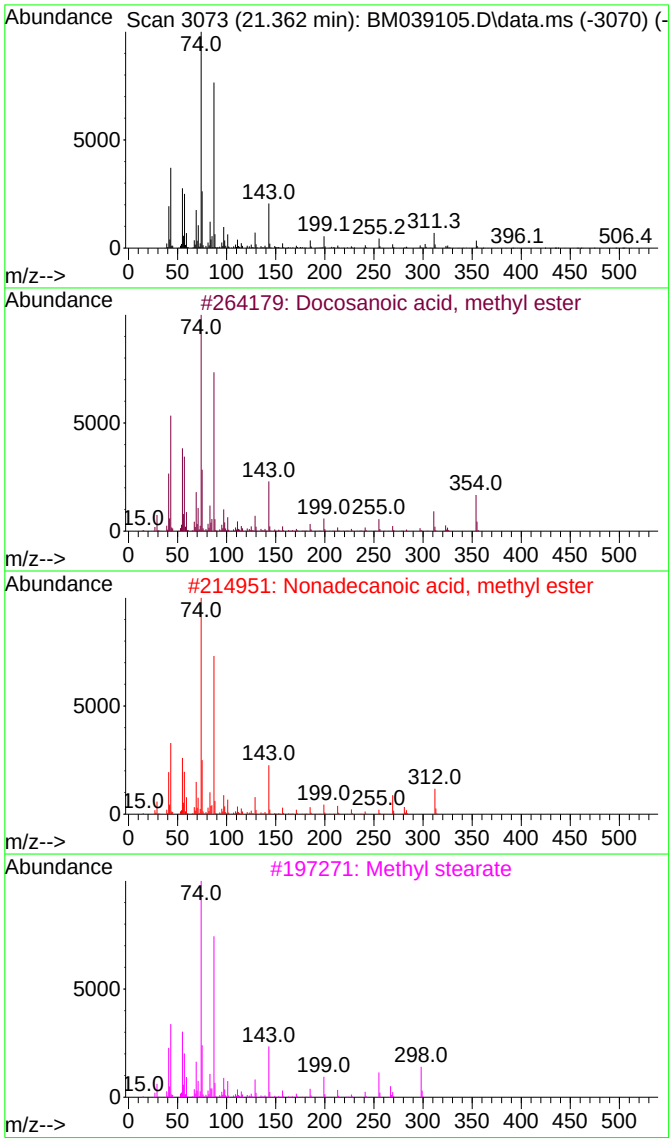
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

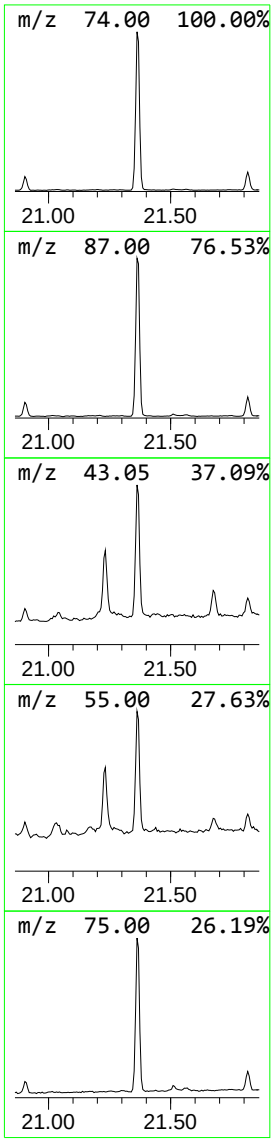
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Docosanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.362	12.74 ng	3044200	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	99
2	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
3	Methyl stearate	298	C19H38O2	000112-61-8	87
4	Heneicosanoic acid, methyl ester	340	C22H44O2	006064-90-0	86
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032223\
Data File : BM039105.D
Acq On : 22 Mar 2023 23:16
Operator : CG/JU
Sample : 02028-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-05-032123

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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-...	5.057	26.2	ng	2615150	1	7.963	1993640	20.0
Tridecane	12.192	9.7	ng	1251270	2	10.781	2579320	20.0
Tetradecane	13.427	7.6	ng	1359610	3	14.604	3577810	20.0
Pentadecane	14.498	7.5	ng	1332510	3	14.604	3577810	20.0
Hexadecane	15.445	6.9	ng	1240750	3	14.604	3577810	20.0
Heptadecane	16.310	8.8	ng	1576300	4	17.351	3603320	20.0
Heptadecane, 8-...	17.104	6.8	ng	1234950	4	17.351	3603320	20.0
Tridecane, 7-me...	17.157	5.4	ng	969835	4	17.351	3603320	20.0
Nonadecane	17.845	5.8	ng	1044390	4	17.351	3603320	20.0
Hexadecanoic ac...	18.027	304.9	ng	54922900	4	17.351	3603320	20.0
n-Hexadecanoic ...	18.262	52.4	ng	9431010	4	17.351	3603320	20.0
Tridecane, 7-pr...	18.533	5.8	ng	1046050	4	17.351	3603320	20.0
Hexadecanoic ac...	18.698	5.5	ng	994296	4	17.351	3603320	20.0
9,12-Octadecadi...	19.168	305.9	ng	55108700	4	17.351	3603320	20.0
9,12,15-Octadec...	19.280	9.7	ng	1753180	4	17.351	3603320	20.0
Methyl stearate	19.327	173.7	ng	31298000	4	17.351	3603320	20.0
Octadecanoic acid	19.521	10.9	ng	2606650	5	21.527	4778870	20.0
11-Eicosenoic a...	20.309	10.3	ng	2471310	5	21.527	4778870	20.0
Eicosanoic acid...	20.415	14.9	ng	3572630	5	21.527	4778870	20.0
Docosanoic acid...	21.362	12.7	ng	3044200	5	21.527	4778870	20.0