LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

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-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029627.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	10.410	1269	1279	1285	rBV2	495687	1058522	1.71%	0.495%
2	11.851	1518	1524	1534	rBV	426130	672915	1.09%	0.315%
3	13.110	1731	1738	1745	rBV	677812	992730	1.61%	0.464%
4	14.192	1916	1922	1927	rBV	868676	1100329	1.78%	0.514%
5	14.280	1930	1937	1944	rVB	734388	1190093	1.93%	0.556%
6	15.145	2076	2084	2089	rBV	857890	1160521	1.88%	0.543%
7	15.768	2185	2190	2199	rVB3	398227	657976	1.07%	0.308%
8	16.009	2226	2231	2244	rBV	951959	1654113	2.68%	0.773%
9	16.798	2361	2365	2369	rBV	773516	912519	1.48%	0.427%
10	17.027	2399	2404	2407	rBV	821405	1183956	1.92%	0.553%
11	17.068	2407	2411	2416	rVB	1098501	1424835	2.31%	0.666%
12	17.533	2486	2490	2495	rBV	721598	925002	1.50%	0.432%
13	17.715	2515	2521	2525	rBV	17386411	21127106	34.21%	9.877%
14	17.945	2555	2560	2569	rVB2	1012578	1475758	2.39%	0.690%
15	18.227	2602	2608	2611	rBV2	657885	936655	1.52%	0.438%
16	18.874	2706	2718	2721	rBV2	29747313	61753956	100.00%	28.870%
17	18.909	2721	2724	2732	rVB2	30657627	51202533	82.91%	23.937%
18	18.974	2732	2735	2739	rVB4	560084	855077	1.38%	0.400%
19	19.027	2739	2744	2748	rBV	7739697	8725373	14.13%	4.079%
20	19.092	2748	2755	2758	rBV	5927791	9356031	15.15%	4.374%
21	19.227	2776	2778	2786	rVB4	527376	888093	1.44%	0.415%
22	19.392	2802	2806	2809	rBV	1825059	2211295	3.58%	1.034%
23	19.450	2812	2816	2826	rVB	3522841	5451716	8.83%	2.549%
24	19.662	2845	2852	2855	rBV2	753908	1202605	1.95%	0.562%
25	19.886	2886	2890	2892	rBV	1391227	1646461	2.67%	0.770%
26	19.915	2892	2895	2897	rBV3	681192	796649	1.29%	0.372%
27	19.986	2904	2907	2909	rBV2	615979	742845	1.20%	0.347%
28	20.009	2909	2911	2915	rVB	952424	945459	1.53%	0.442%
29	20.121	2923	2930	2933	rBV3	1483677	2185907	3.54%	1.022%
30	20.692	3024	3027	3031	rVB	610035	666506	1.08%	0.312%
31	20.939	3065	3069	3073	rVV2	677083	915313	1.48%	0.428%
32	20.992	3075	3078	3083	rVB	510650	629159	1.02%	0.294%
33	21.197	3109	3113	3119	rBV2	3526366	6558164	10.62%	3.066%
34	21.250	3119	3122	3131	rVB	2922653	3573501	5.79%	1.671%
35	21.368	3139	3142	3147	rBV	621303	837150	1.36%	0.391%
36	21.797	3212	3215	3222	rVB3	840119	1294919	2.10%	0.605%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

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-BM042121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	22.756	3372	3378	3383	rBV	2650880	6120825	9.91%	2.861%
38	22.921	3402	3406	3413	rVB	609221	1002101	1.62%	0.468%
39	23.221	3453	3457	3465	rVB	1505745	2587254	4.19%	1.210%
40	23.315	3467	3473	3480	rVB	2340342	4424783	7.17%	2.069%
41	23.409	3486	3489	3493	rVB2	632227	860227	1.39%	0.402%

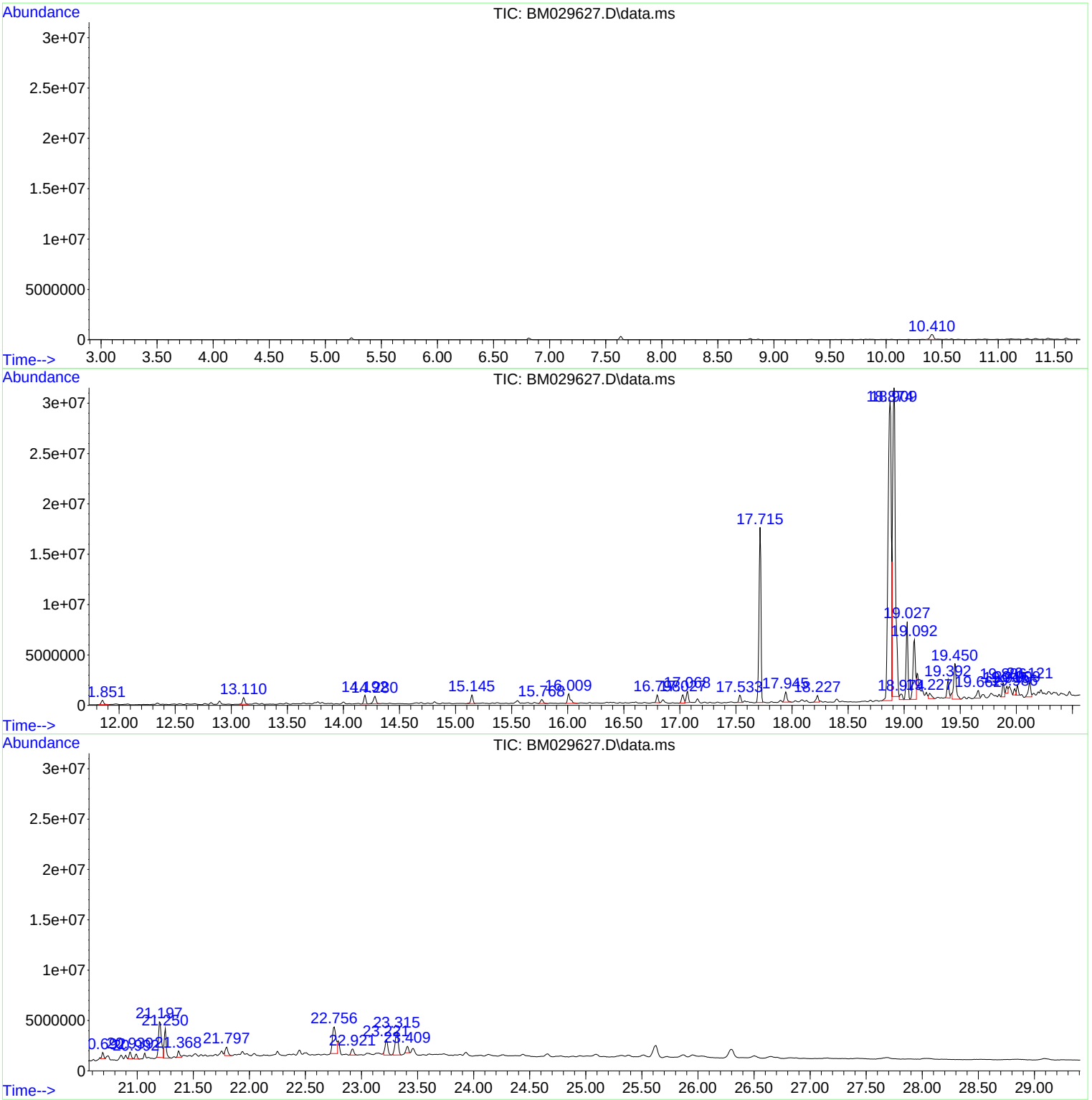
Sum of corrected areas: 213906932

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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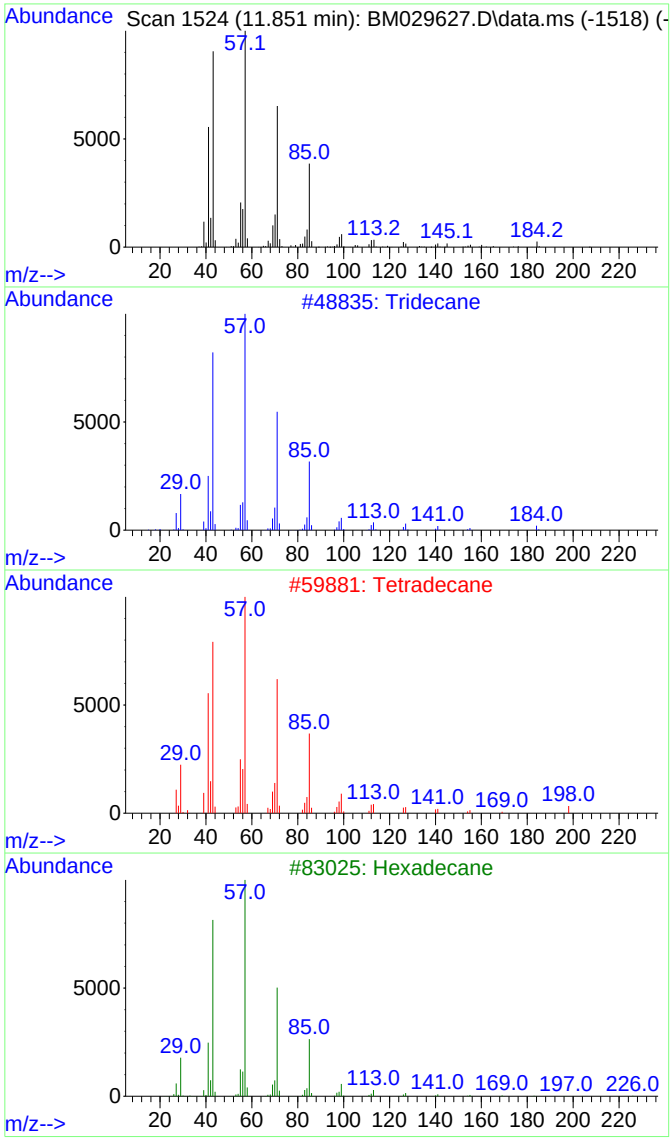
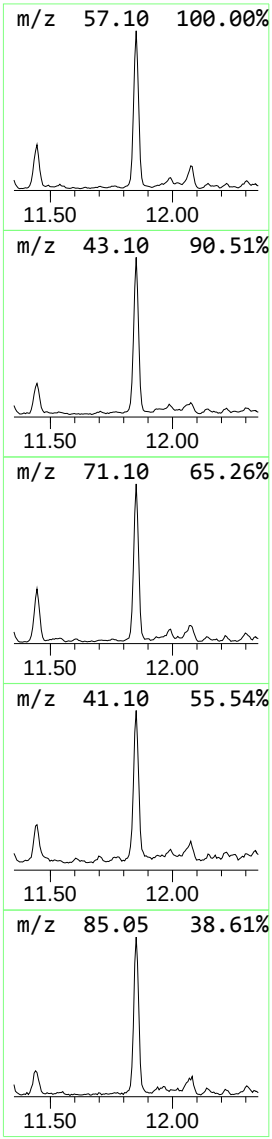
Peak Number 1 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	12.71 ng	672915	Naphthalene-d8	10.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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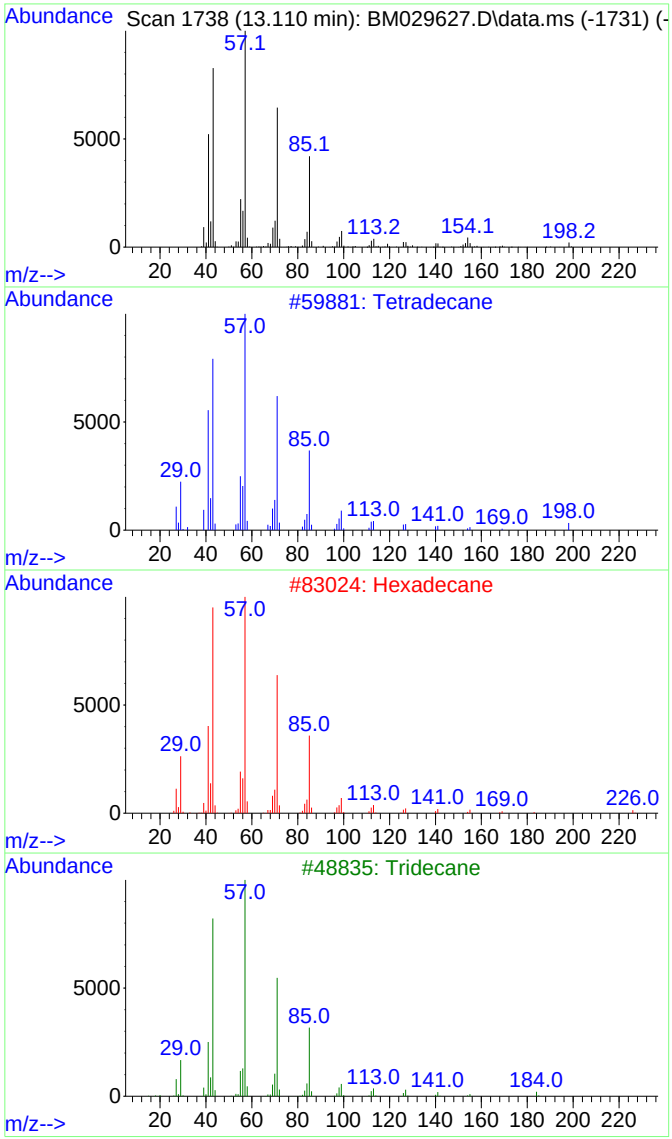
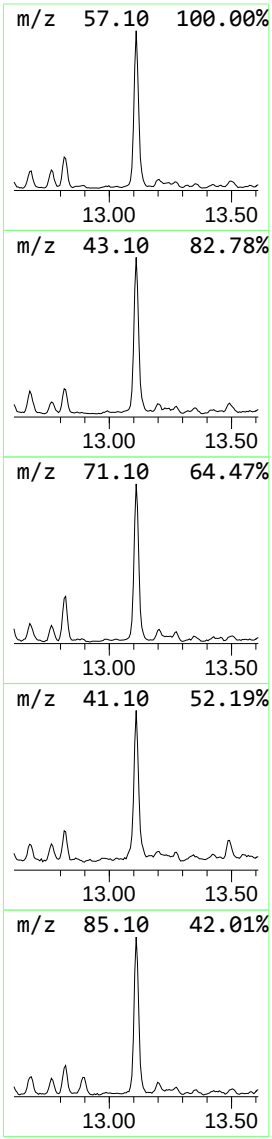
Peak Number 2 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.110	16.68 ng	992730	Acenaphthene-d10	14.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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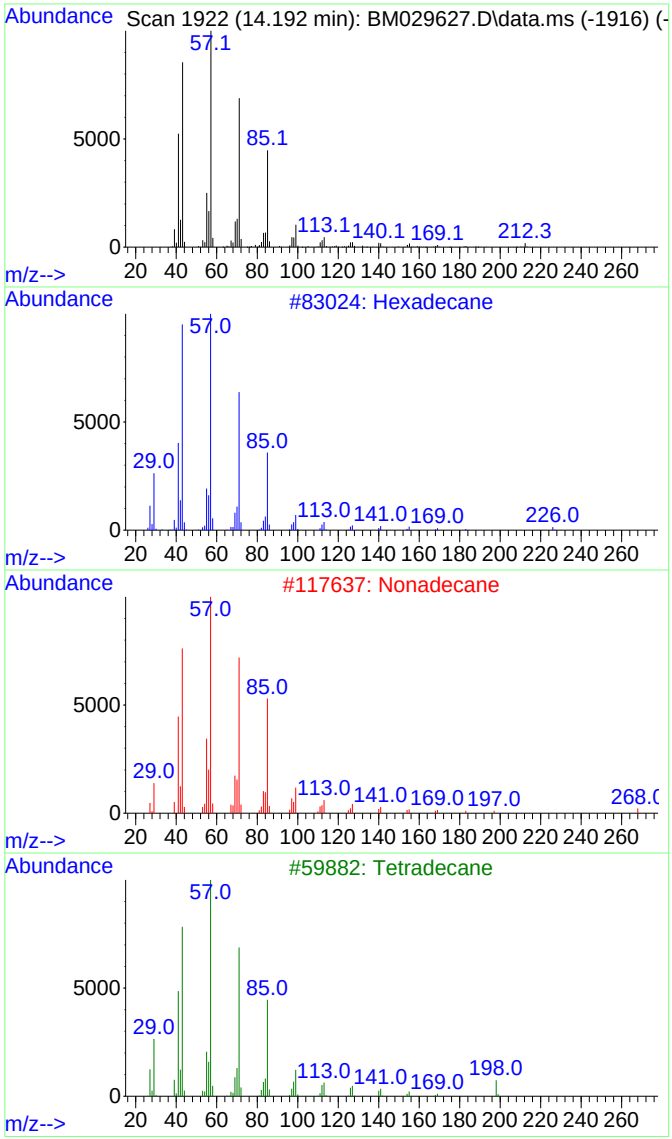
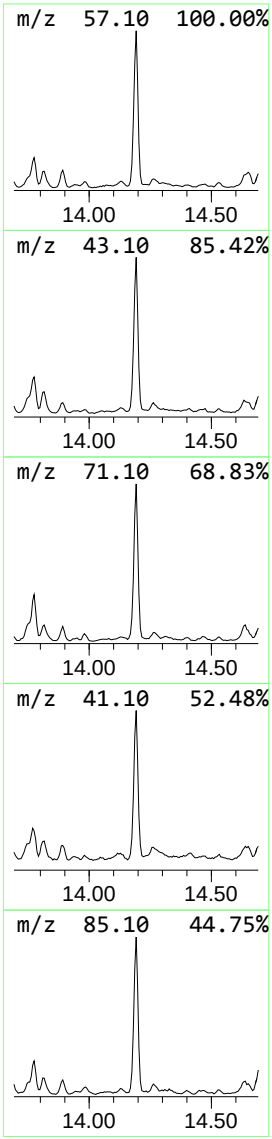
Peak Number 3 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	18.49 ng	1100330	Acenaphthene-d10	14.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

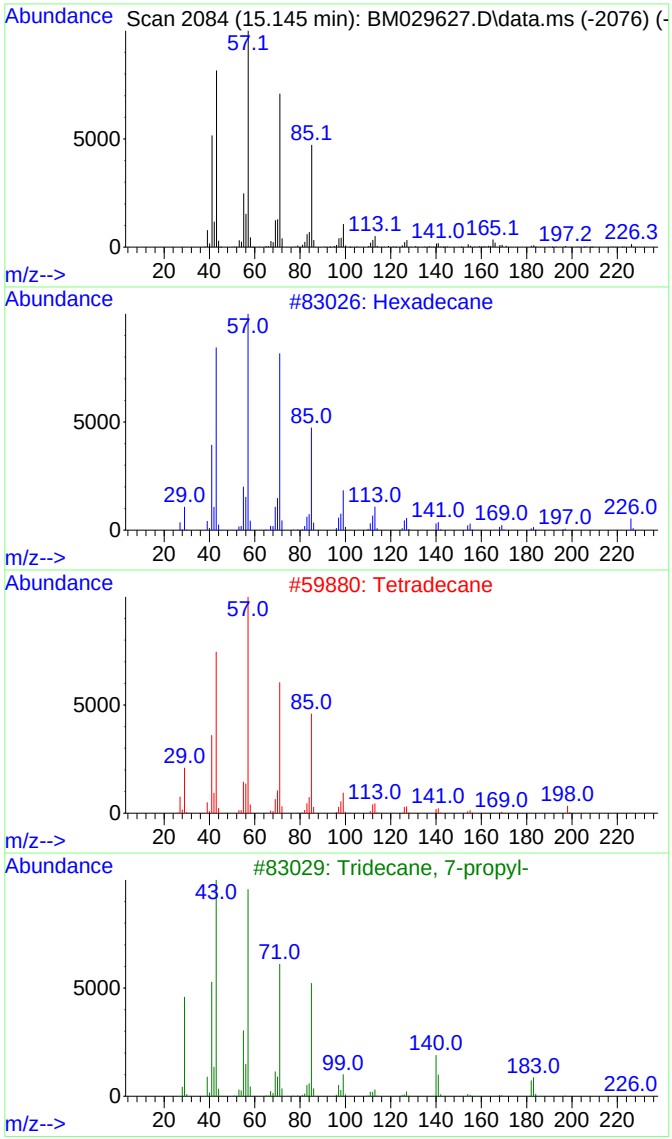
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

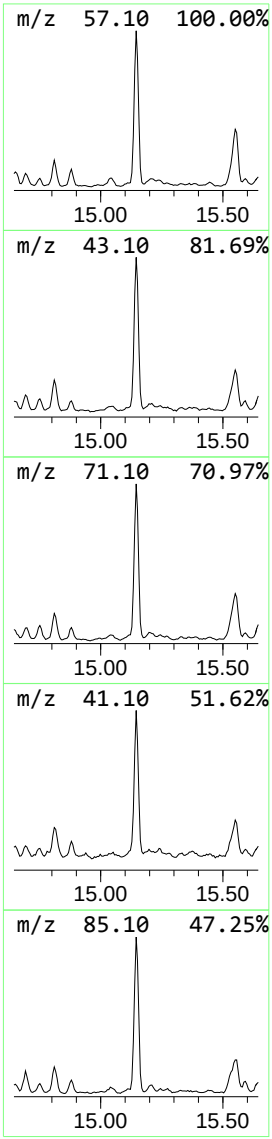
****

Peak Number 4 Tridecane, 7-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.145	19.50 ng	1160520	Acenaphthene-d10	14.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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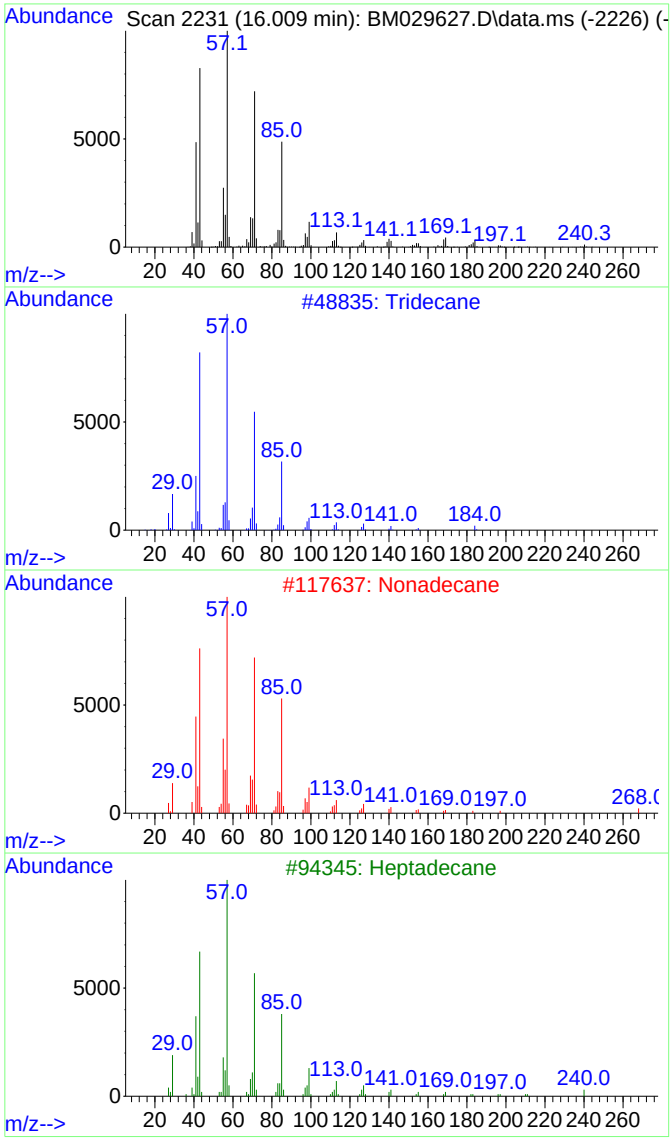
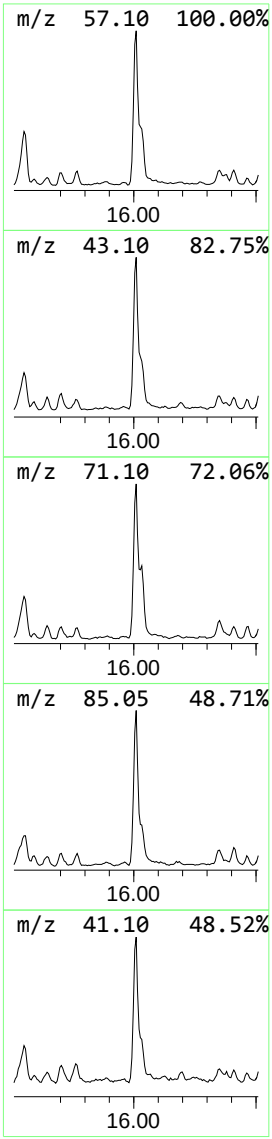
Peak Number 5 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.009	27.94 ng	1654110	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Nonadecane	268	C19H40	000629-92-5	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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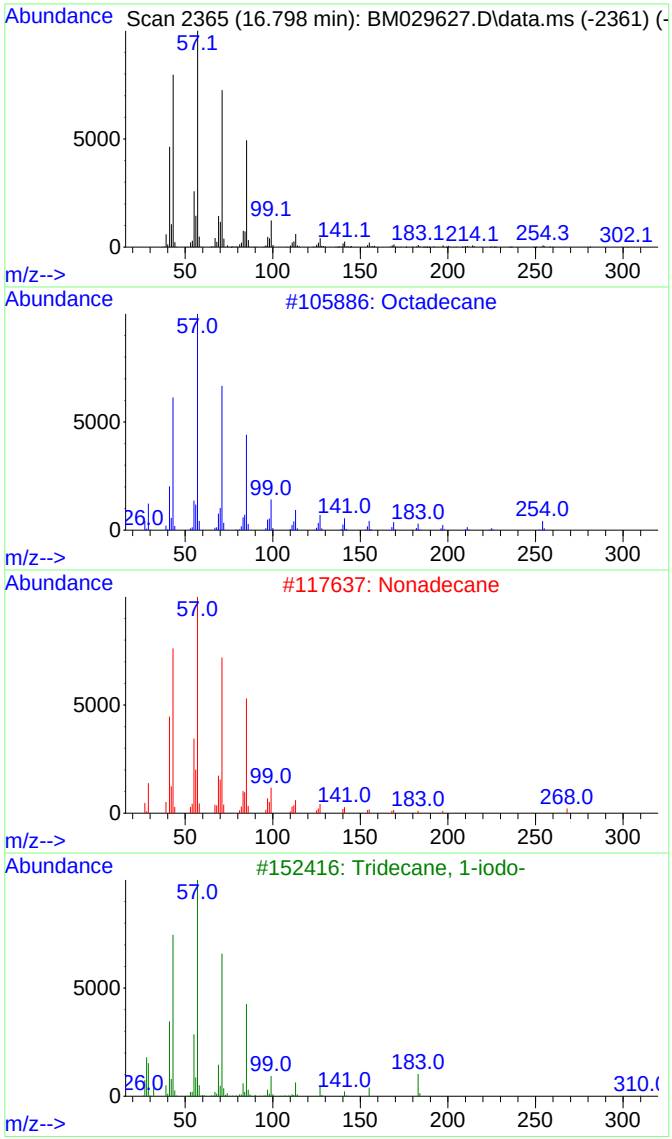
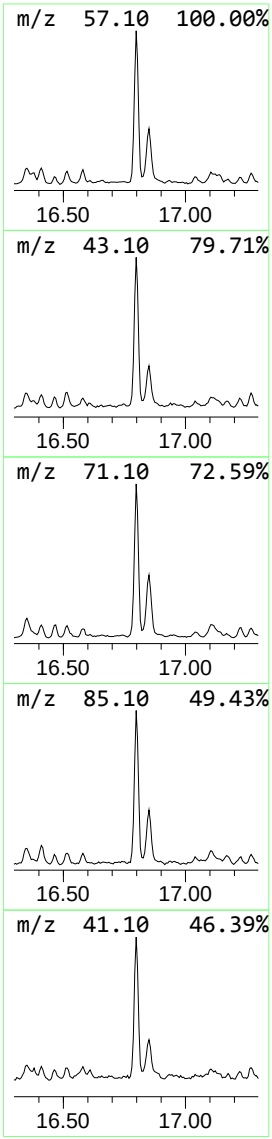
Peak Number 6 Octadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.798	15.41 ng	912519	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	10-Methylnonadecane	282	C20H42	056862-62-5	91
5	Heptadecane	240	C17H36	000629-78-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

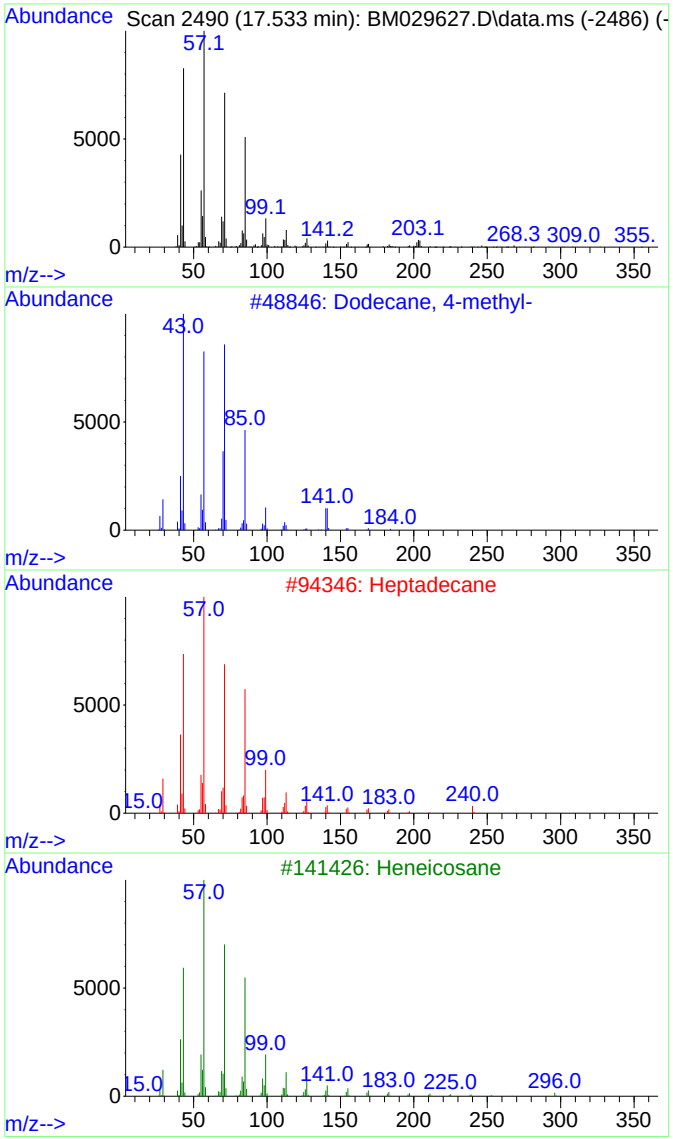
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

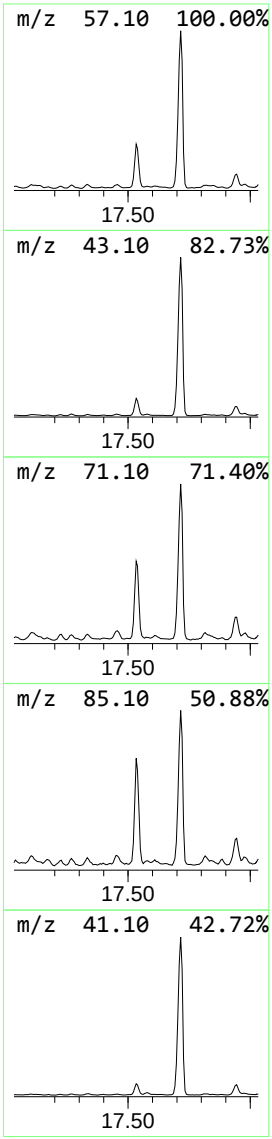
****

Peak Number 7 Dodecane, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.533	15.63 ng	925002	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

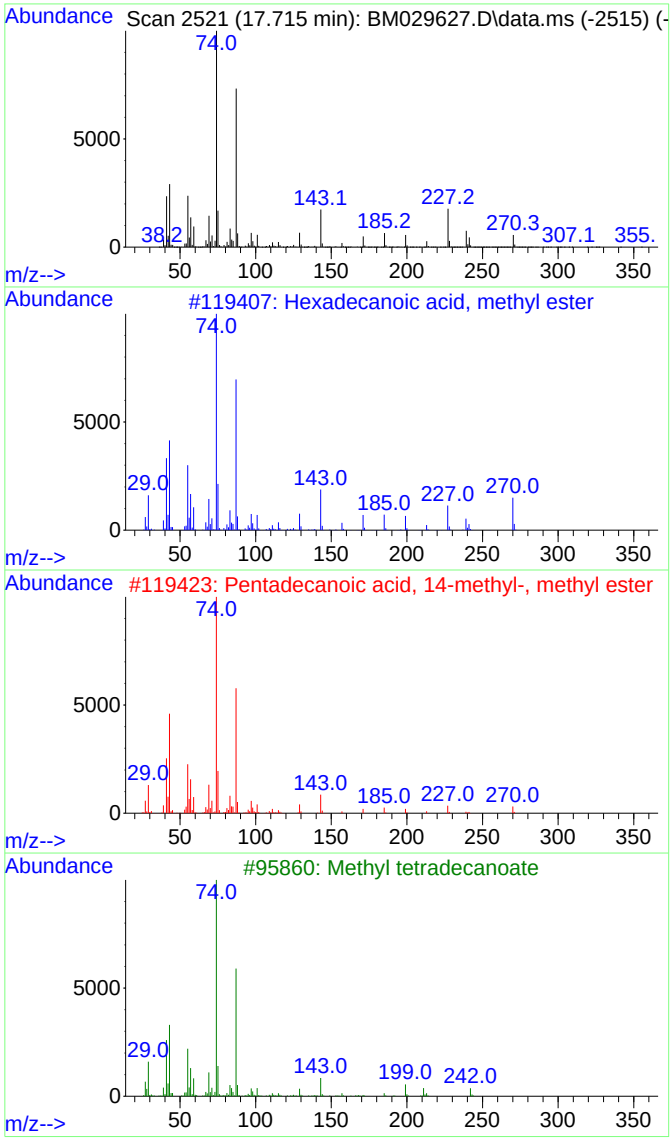
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

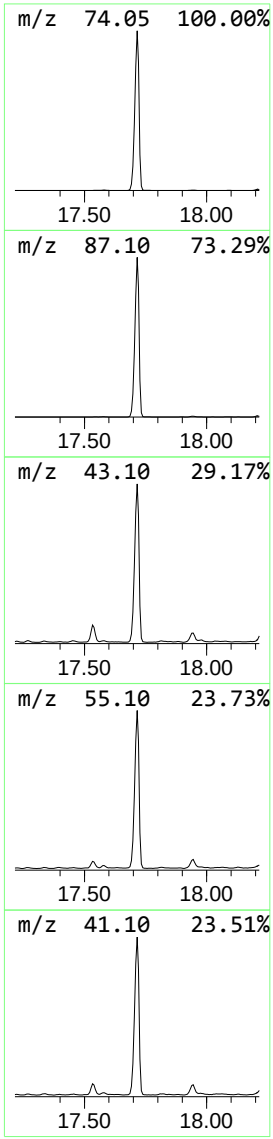
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.715	356.89 ng	21127100	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	95
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

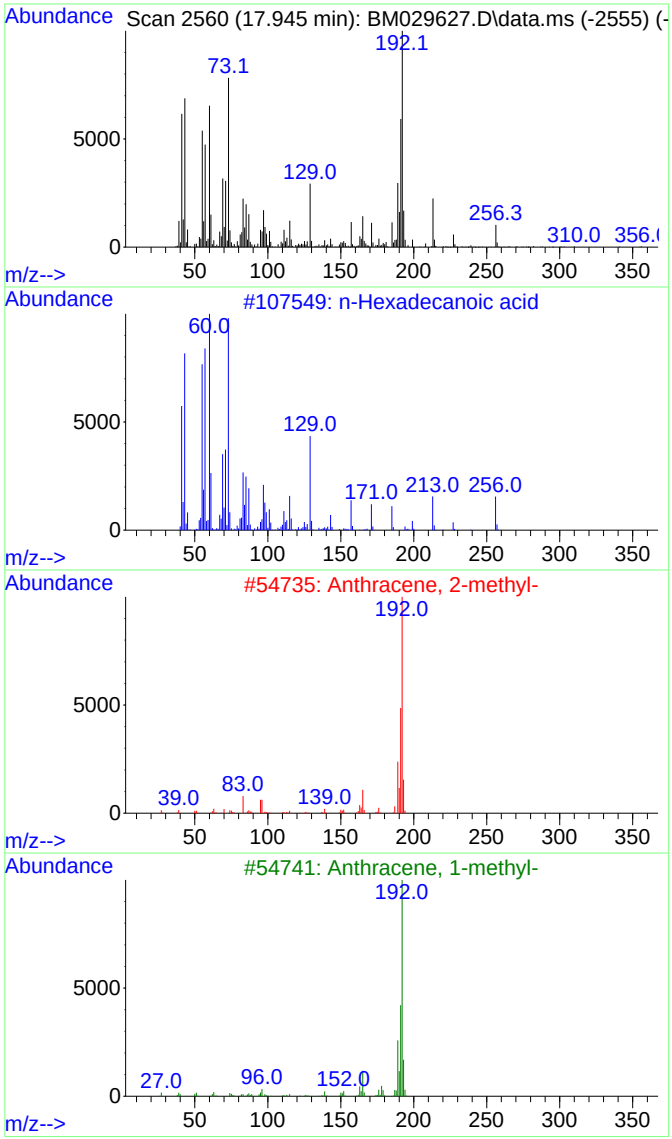
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

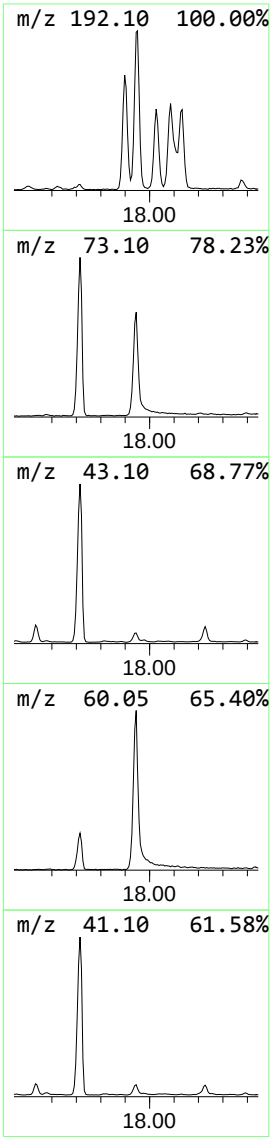
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	24.93 ng	1475760	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

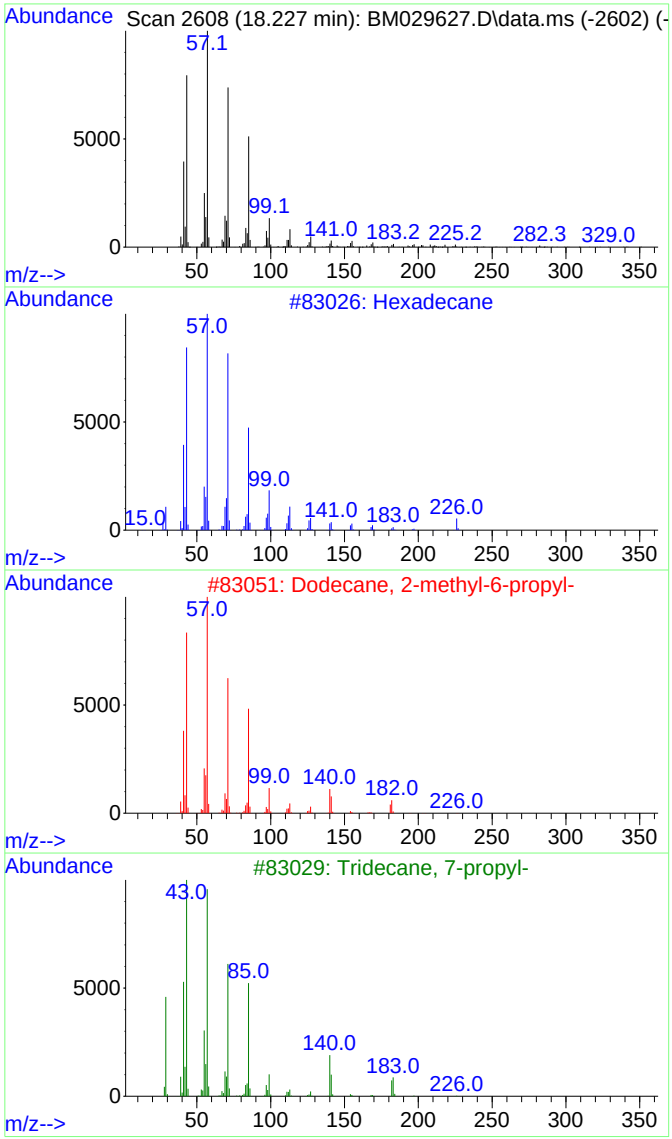
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

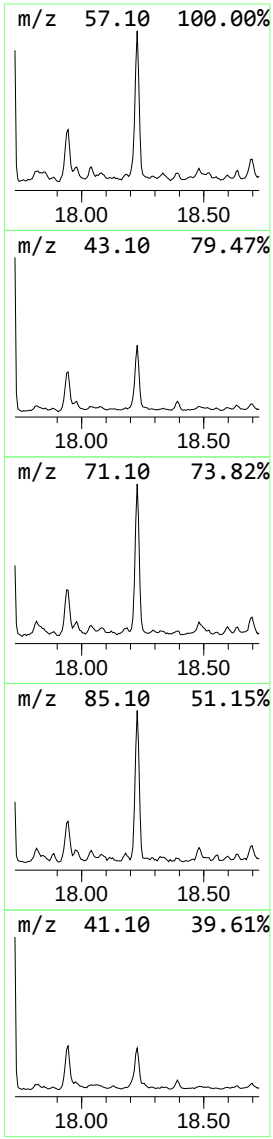
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	15.82 ng	936655	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

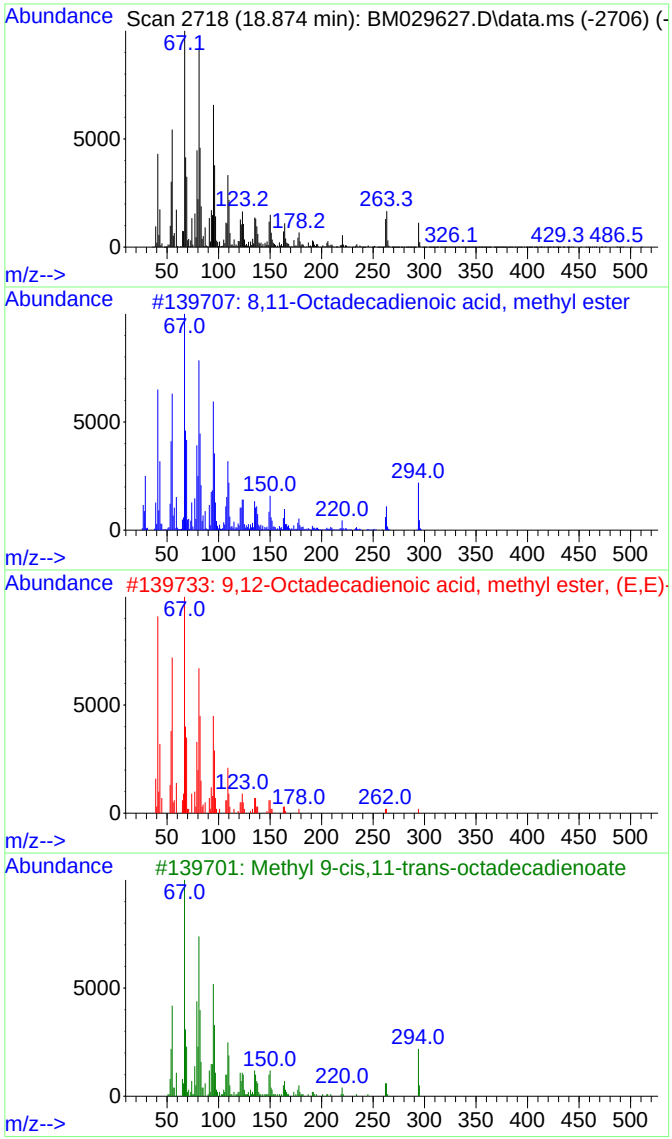
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

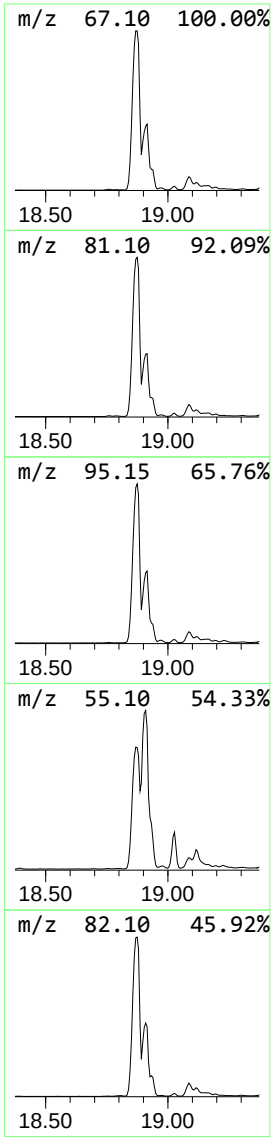
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 8,11-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.874	1043.18 ng	61754000	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





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Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

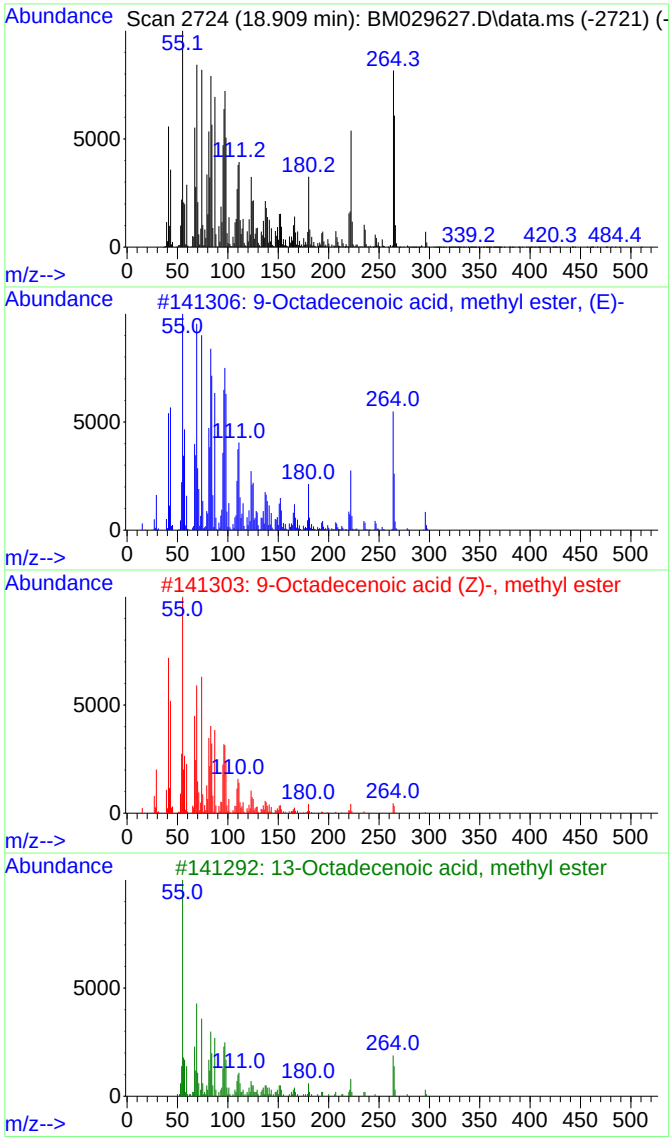
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

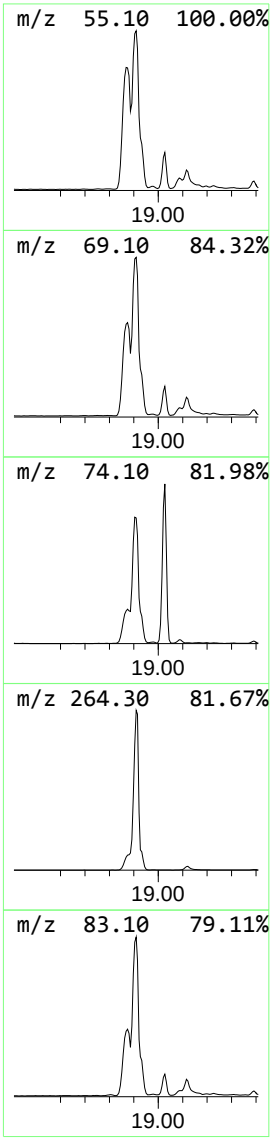
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 9-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.909	864.94 ng	51202500	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	95





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Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

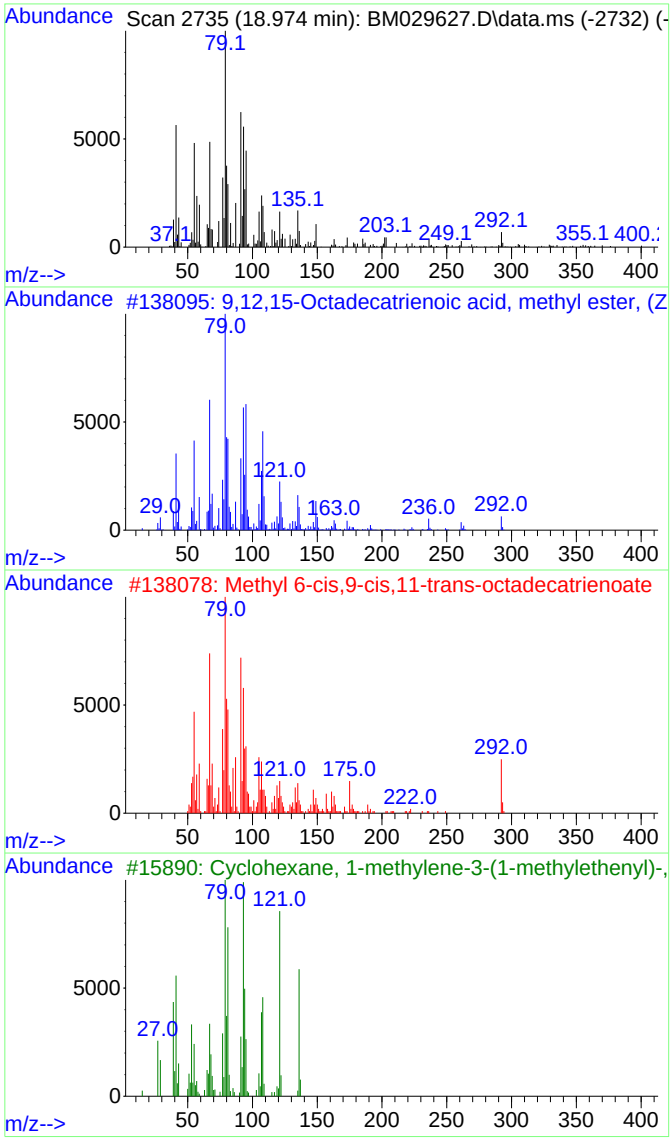
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

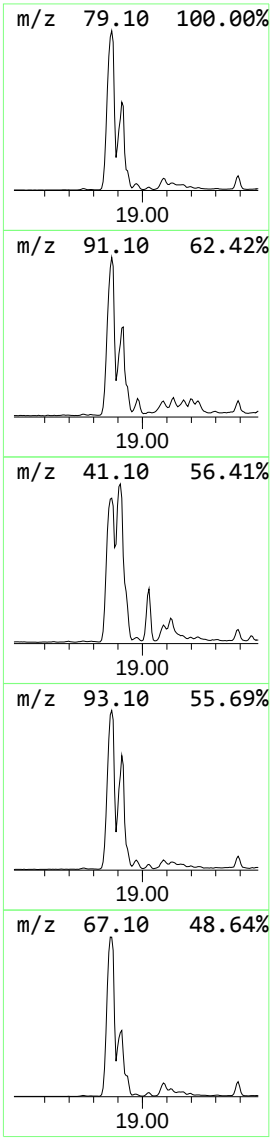
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,12,15-Octadecatrienoic ac... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	14.44 ng	855077	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	91
2	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	87
3	Cyclohexane, 1-methylene-3-(1-me...	136	C10H16	013837-95-1	68
4	3-Tetradecen-5-yne, (Z)-	192	C14H24	074663-68-6	64
5	3-Tetradecen-5-yne, (E)-	192	C14H24	074744-44-8	59





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Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

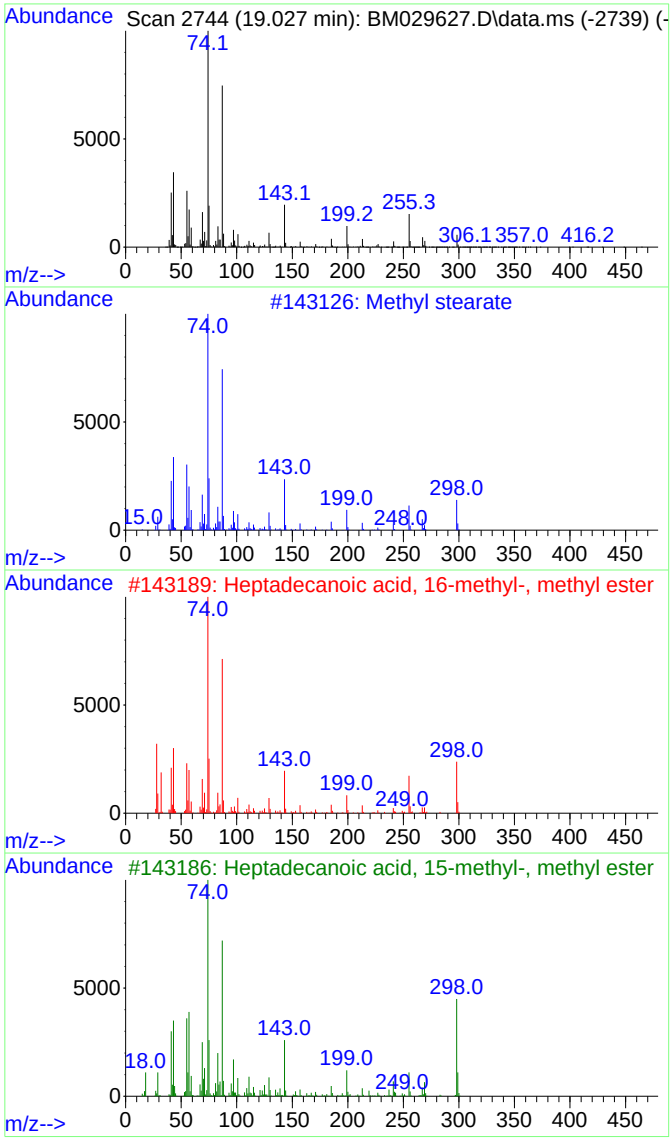
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

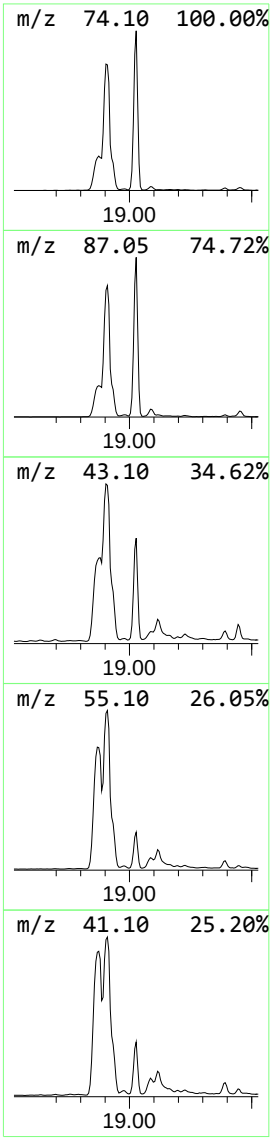
****

Peak Number 14 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	147.39 ng	8725370	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	90
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

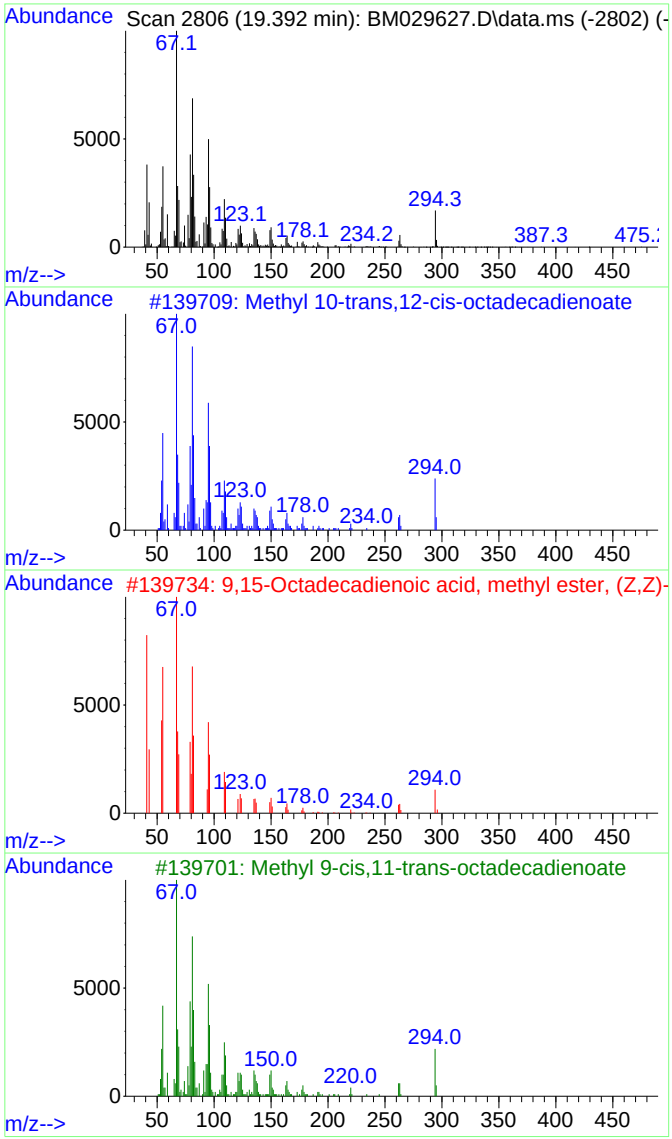
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

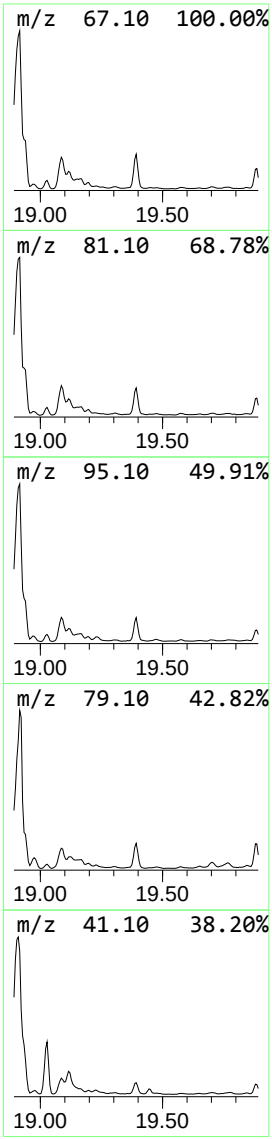
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Methyl 10-trans,12-cis-octa... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	6.74 ng	2211300	Chrysene-d12	21.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	93
3	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	92
4	9,11-Octadecadienoic acid, methy...	294	C19H34O2	013038-47-6	91
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	91





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Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

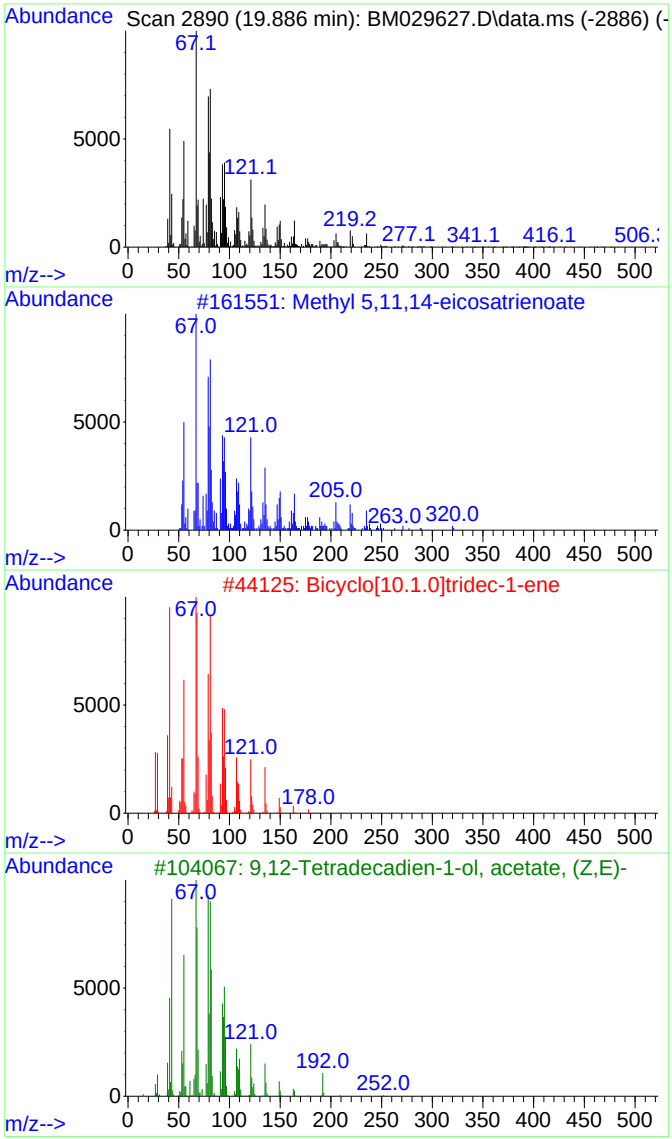
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

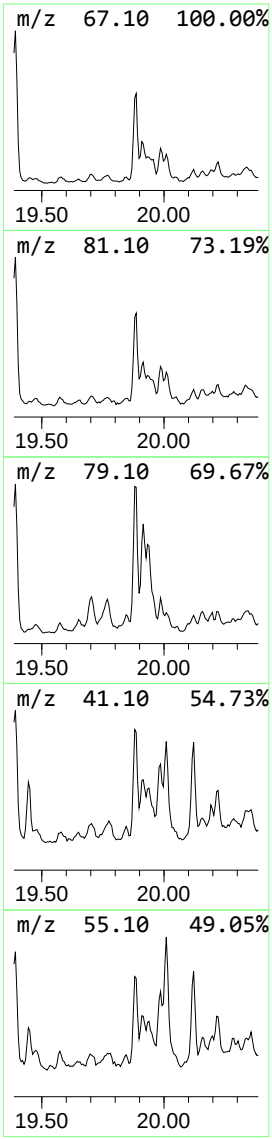
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Methyl 5,11,14-eicosatrienoate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.886	5.02 ng	1646460	Chrysene-d12	21.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 5,11,14-eicosatrienoate	320	C21H36O2	1000336-40-2	91
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	89
3	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	89
4	Cis-4-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-2	83
5	Cis-8-methyl-exo-tricyclo[5.2.1....	150	C11H18	1000215-29-3	76





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Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

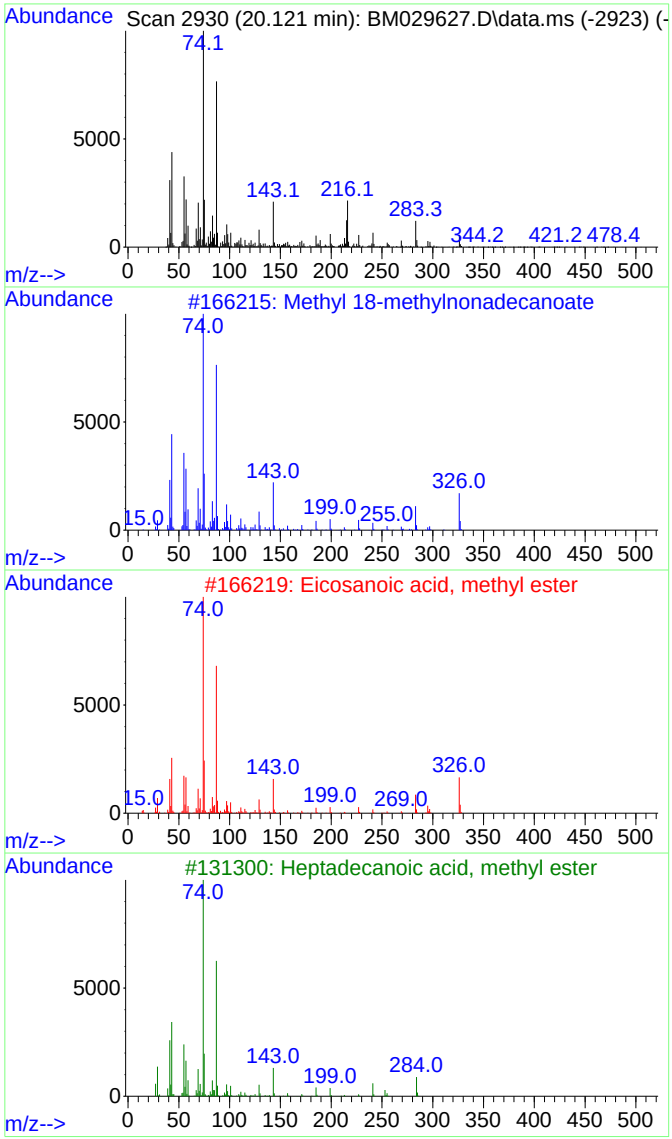
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

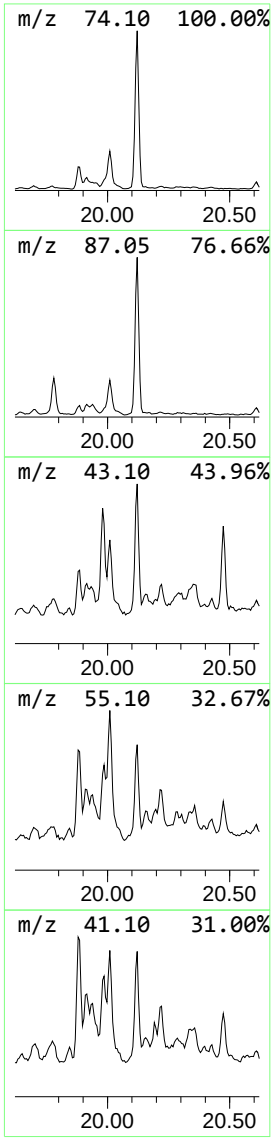
****

Peak Number 17 Methyl 18-methylnonadecanoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.121	6.67 ng	2185910	Chrysene-d12	21.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	97
2	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	97
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	95
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	95
5	Methyl stearate	298	C19H38O2	000112-61-8	74





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Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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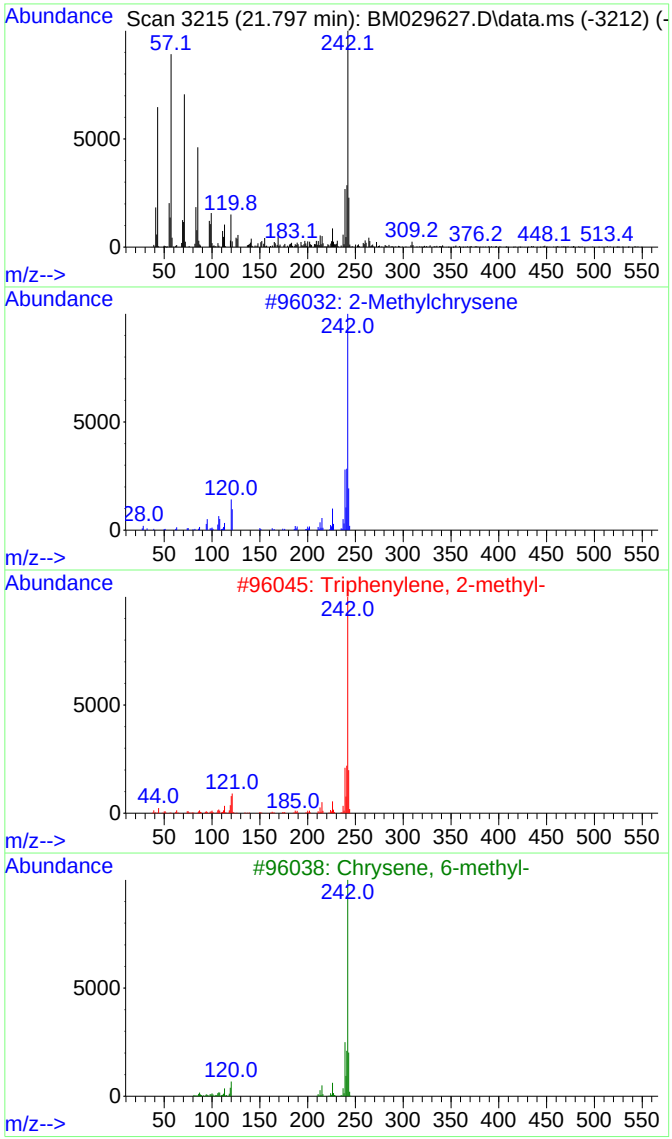
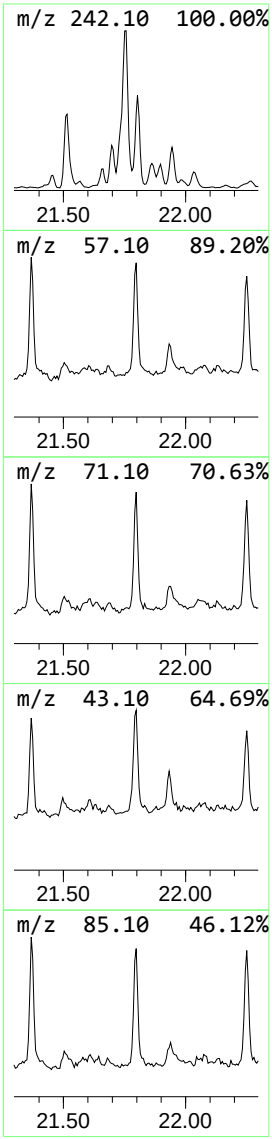
Peak Number 18 2-Methylchrysene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.797	3.95 ng	1294920	Chrysene-d12	21.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	64
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	64
3	Chrysene, 6-methyl-	242	C19H14	001705-85-7	60
4	Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	46
5	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	46





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Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

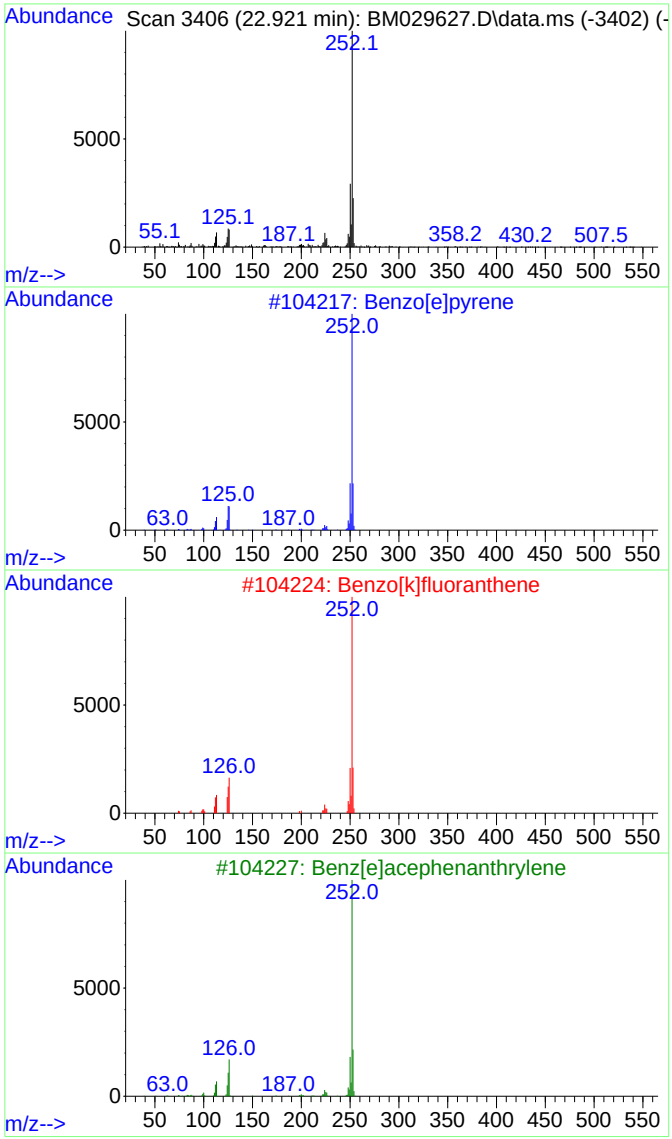
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

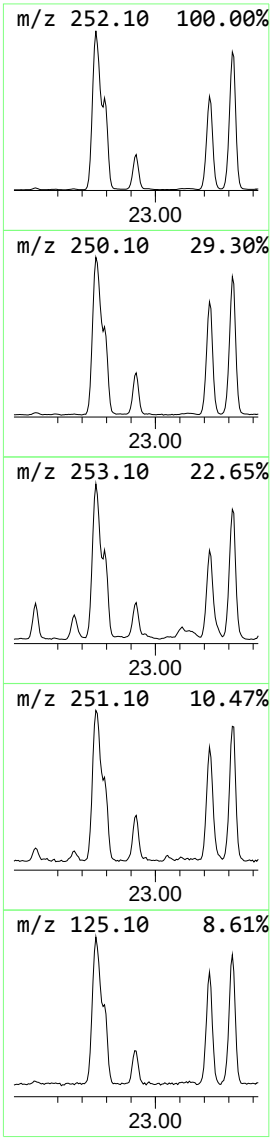
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.921	23.30 ng	1002100	Perylene-d12	23.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	81
5	Perylene	252	C20H12	000198-55-0	76





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Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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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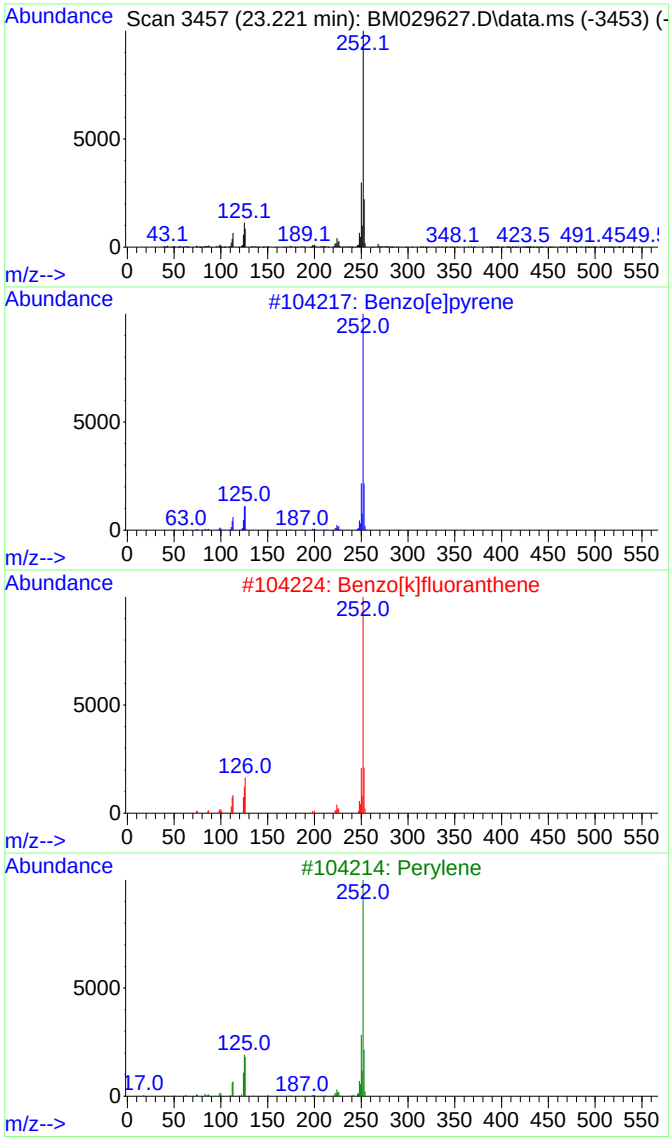
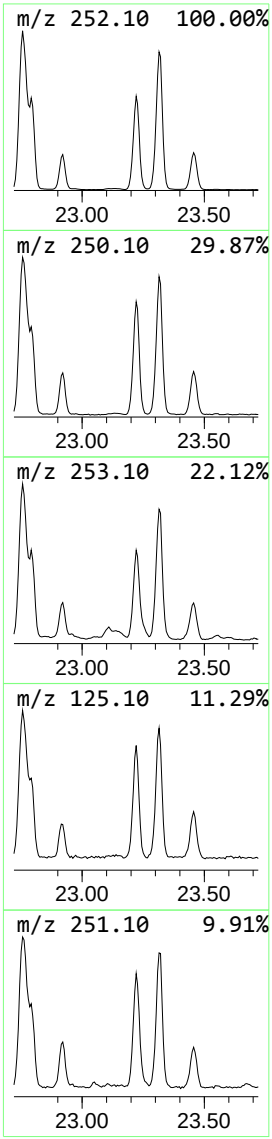
Peak Number 20 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.221	60.15 ng	2587250	Perylene-d12	23.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029627.D
Acq On : 23 Apr 2021 23:45
Operator : CG/JU
Sample : M2143-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-01-042221

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.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
Tridecane	11.851	12.7	ng	672915	2	10.416	1058520	20.0
Tetradecane	13.110	16.7	ng	992730	3	14.280	1190090	20.0
Hexadecane	14.192	18.5	ng	1100330	3	14.280	1190090	20.0
Tridecane, 7-pr...	15.145	19.5	ng	1160520	3	14.280	1190090	20.0
Nonadecane	16.009	27.9	ng	1654110	4	17.027	1183960	20.0
Octadecane	16.798	15.4	ng	912519	4	17.027	1183960	20.0
Dodecane, 4-met...	17.533	15.6	ng	925002	4	17.027	1183960	20.0
Hexadecanoic ac...	17.715	356.9	ng	21127100	4	17.027	1183960	20.0
n-Hexadecanoic ...	17.945	24.9	ng	1475760	4	17.027	1183960	20.0
Dodecane, 2-met...	18.227	15.8	ng	936655	4	17.027	1183960	20.0
8,11-Octadecadi...	18.874	1043.2	ng	61754000	4	17.027	1183960	20.0
9-Octadecenoic ...	18.909	864.9	ng	51202500	4	17.027	1183960	20.0
9,12,15-Octadec...	18.974	14.4	ng	855077	4	17.027	1183960	20.0
Methyl stearate	19.027	147.4	ng	8725370	4	17.027	1183960	20.0
Methyl 10-trans...	19.392	6.7	ng	2211300	5	21.215	6558160	20.0
Methyl 5,11,14-...	19.886	5.0	ng	1646460	5	21.215	6558160	20.0
Methyl 18-methy...	20.121	6.7	ng	2185910	5	21.215	6558160	20.0
2-Methylchrysene	21.797	4.0	ng	1294920	5	21.215	6558160	20.0
Benzo[e]pyrene	22.921	23.3	ng	1002100	6	23.409	860227	20.0
Perylene	23.221	60.1	ng	2587250	6	23.409	860227	20.0