LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

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-BM060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	367	374	385	rBV	3785534	5496433	64.29%	7.363%
2	6.663	633	642	653	rBV	3998271	6192900	72.44%	8.296%
3	6.763	653	659	666	rVB	75265	128476	1.50%	0.172%
4	7.081	710	713	725	rBV3	121256	244279	2.86%	0.327%
5	7.445	768	775	783	rVB	974675	1516215	17.74%	2.031%
6	7.763	818	829	841	rBV	3259162	5031696	58.86%	6.741%
7	8.598	962	971	981	rBV	2541662	4068727	47.59%	5.451%
8	10.210	1236	1245	1251	rBV	1308647	2117885	24.77%	2.837%
9	12.710	1663	1670	1678	rBV	5887498	8548864	100.00%	11.452%
10	13.569	1810	1816	1821	rBV	444752	588744	6.89%	0.789%
11	14.098	1899	1906	1913	rBV	1743374	2483598	29.05%	3.327%
12	14.163	1913	1917	1925	rVB	148914	224670	2.63%	0.301%
13	14.992	2054	2058	2066	rVB	110972	138744	1.62%	0.186%
14	15.157	2081	2086	2092	rBV	115628	165152	1.93%	0.221%
15	15.404	2120	2128	2132	rBV	68897	128685	1.51%	0.172%
16	15.604	2156	2162	2170	rVB	3971704	5395455	63.11%	7.228%
17	15.857	2201	2205	2208	rBV	143903	177227	2.07%	0.237%
18	16.651	2336	2340	2346	rBV2	168054	295011	3.45%	0.395%
19	16.704	2346	2349	2356	rVB	79374	115871	1.36%	0.155%
20	16.851	2369	2374	2378	rBV	1722615	2303087	26.94%	3.085%
21	16.892	2378	2381	2387	rVV	1306710	1677904	19.63%	2.248%
22	16.986	2389	2397	2401	rVV	305068	468457	5.48%	0.628%
23	17.262	2440	2444	2448	rVB	151822	207179	2.42%	0.278%
24	17.386	2461	2465	2469	rVB2	160233	192164	2.25%	0.257%
25	17.562	2491	2495	2499	rBV2	105783	135613	1.59%	0.182%
26	17.727	2520	2523	2527	rVV	106341	127747	1.49%	0.171%
27	17.774	2527	2531	2537	rVB	183349	259493	3.04%	0.348%
28	17.921	2551	2556	2560	rBV2	241258	366848	4.29%	0.491%
29	18.080	2579	2583	2587	rBV	168411	199683	2.34%	0.268%
30	18.215	2602	2606	2613	rBV2	460263	627900	7.34%	0.841%
31	18.274	2614	2616	2624	rVB3	88165	117892	1.38%	0.158%
32	18.645	2675	2679	2685	rBV2	1123275	1496725	17.51%	2.005%
33	18.709	2686	2690	2692	rVV	615835	804676	9.41%	1.078%
34	18.739	2692	2695	2700	rVB2	1095341	1345240	15.74%	1.802%

LSC Area Percent Report

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Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

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-BM060520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.921	2721	2726	2732	rVB	2194964	2708676	31.68%	3.629%
36	19.286	2780	2788	2796	rBV	1742562	2899772	33.92%	3.885%
37	19.503	2820	2825	2835	rVB	6524530	8029236	93.92%	10.756%
38	19.792	2871	2874	2879	rVB	220246	312419	3.65%	0.419%
39	19.886	2888	2890	2895	rVB	159149	189434	2.22%	0.254%
40	20.797	3042	3045	3049	rVB3	907336	993401	11.62%	1.331%
41	21.056	3083	3089	3093	rBV2	1982581	3515657	41.12%	4.710%
42	21.092	3093	3095	3100	rVB	749499	805122	9.42%	1.079%
43	23.168	3444	3448	3453	rVB	1174215	1803988	21.10%	2.417%

Sum of corrected areas: 74646945

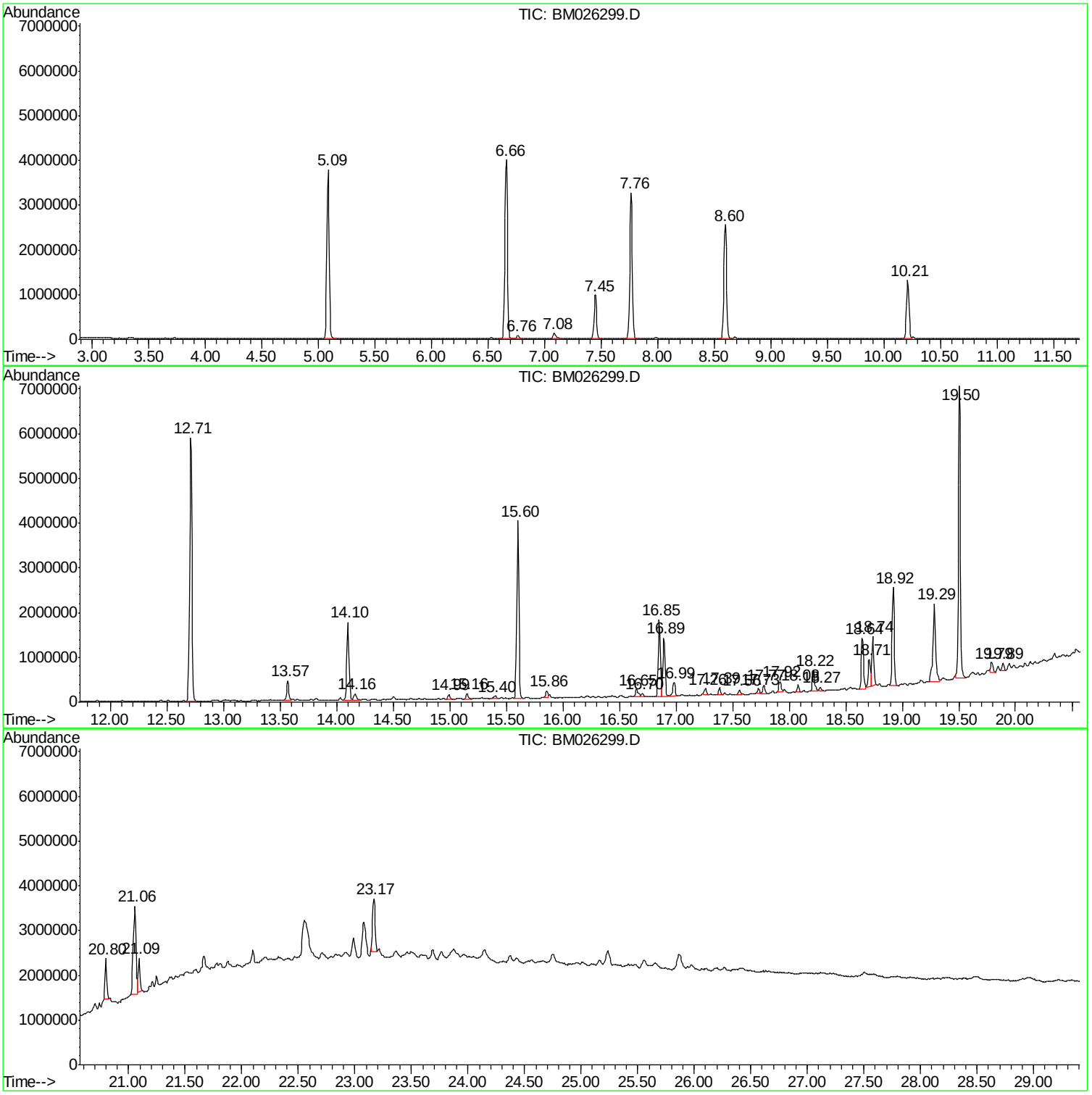
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

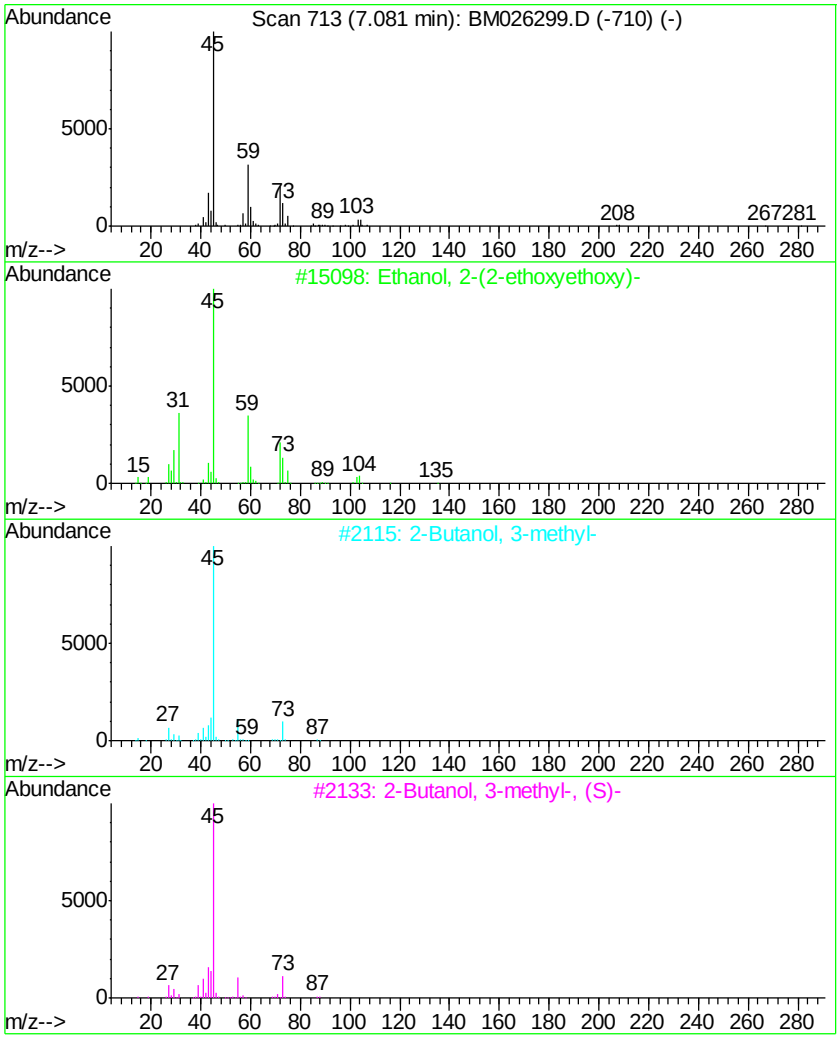
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

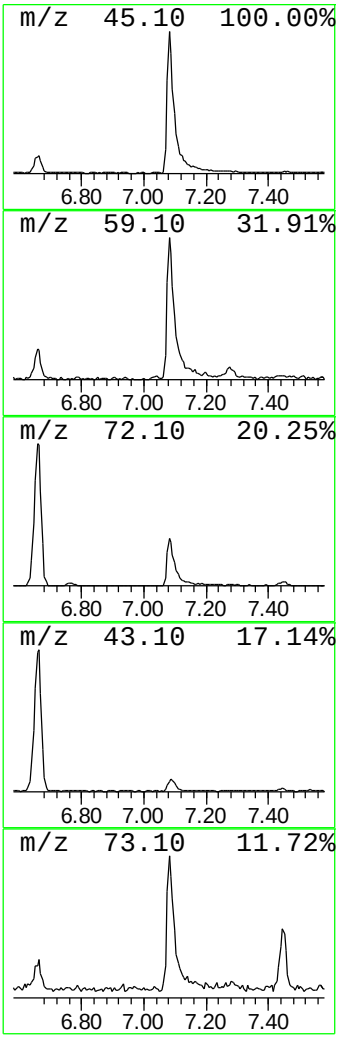
****

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	3.22 ng	244279	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	49
3	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	47
4	Diethyl carbitol	162	C8H18O3	000112-36-7	47
5	Ethanol, 2-[2-(2-propenyloxy)eth...	146	C7H14O3	015075-50-0	40





Library Search Compound Report

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Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

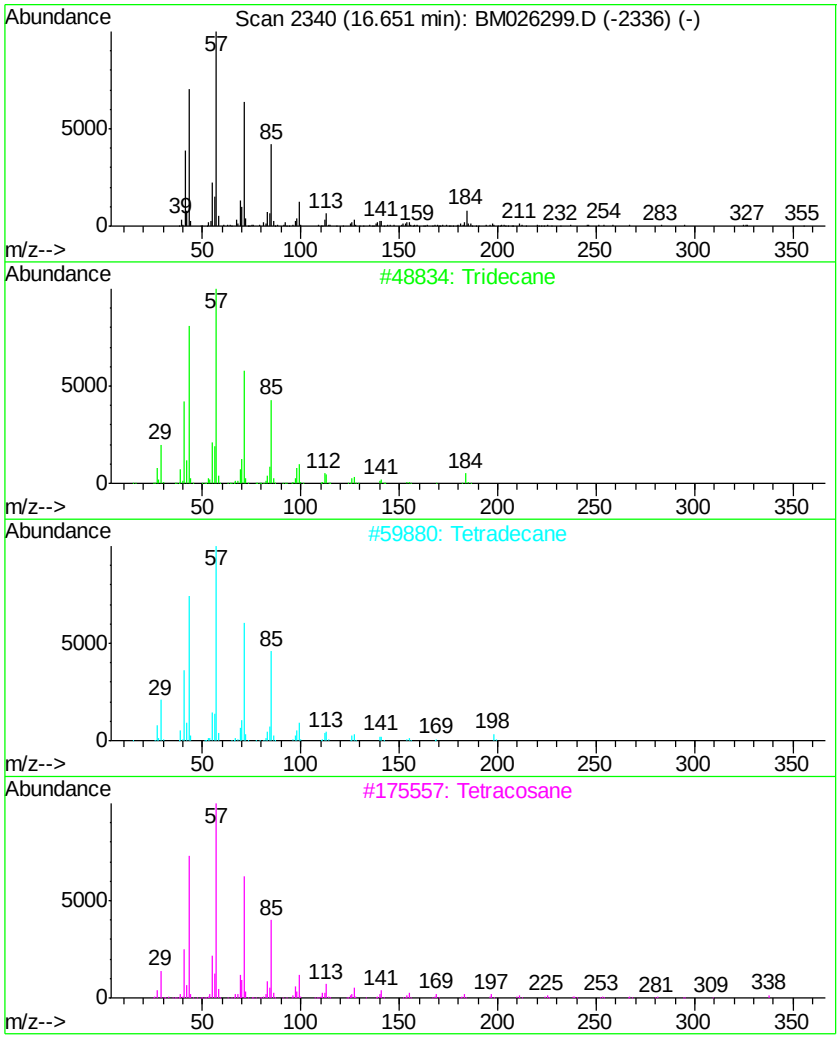
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

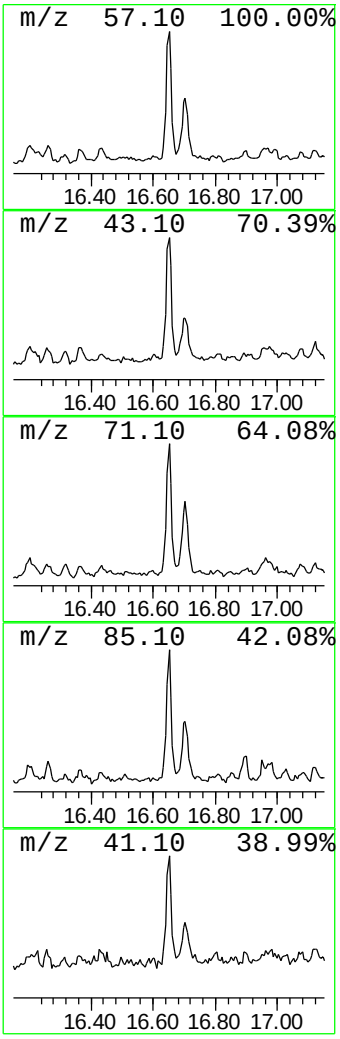
****

Peak Number 3 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.56 ng	295011	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

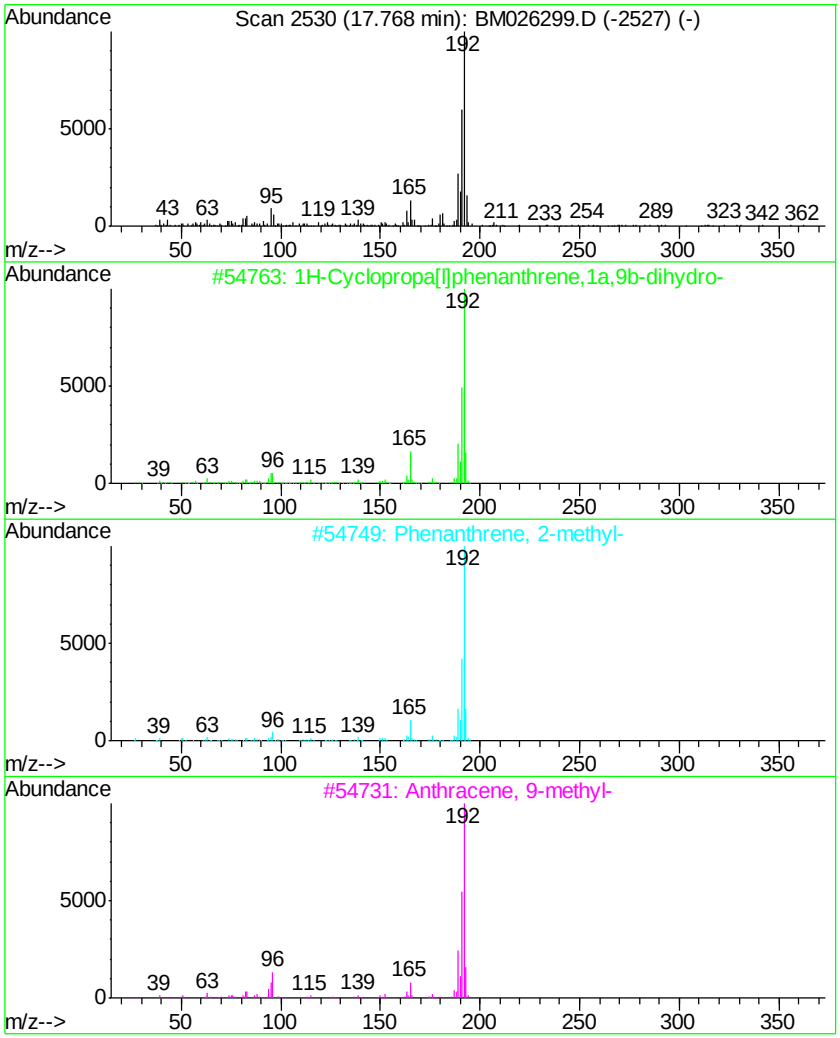
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

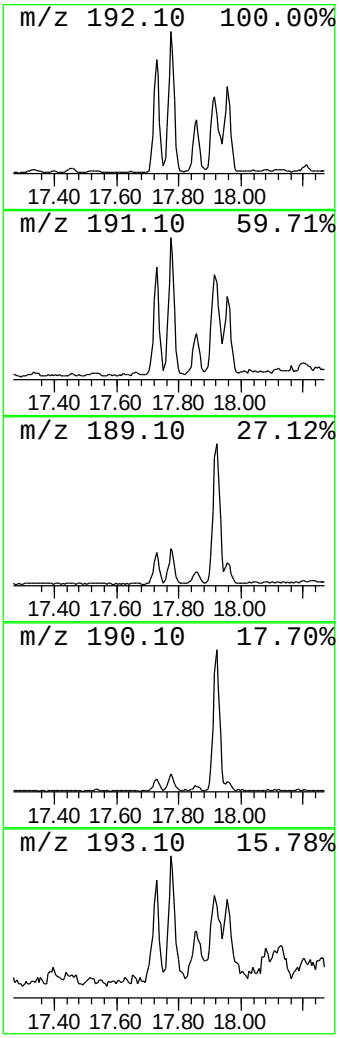
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.25 ng	259493	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

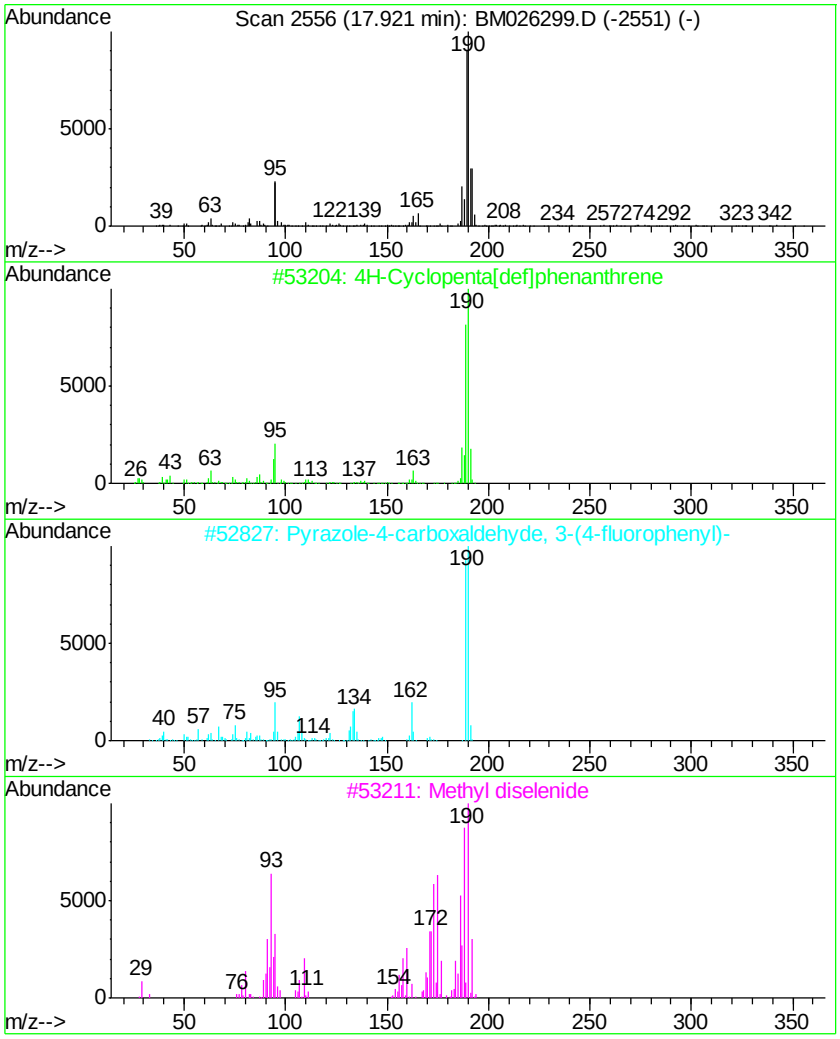
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

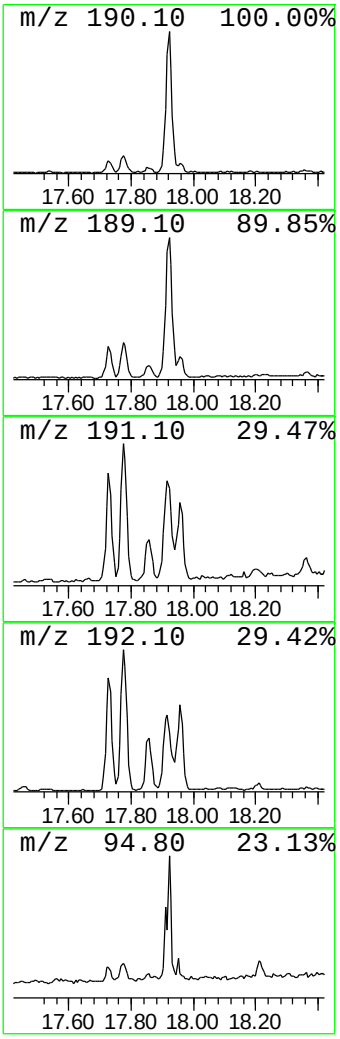
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	3.19 ng	366848	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5	1,1'-Biphenyl, 4,4'-difluoro-	190	C12H8F2	000398-23-2	23





Library Search Compound Report

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Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

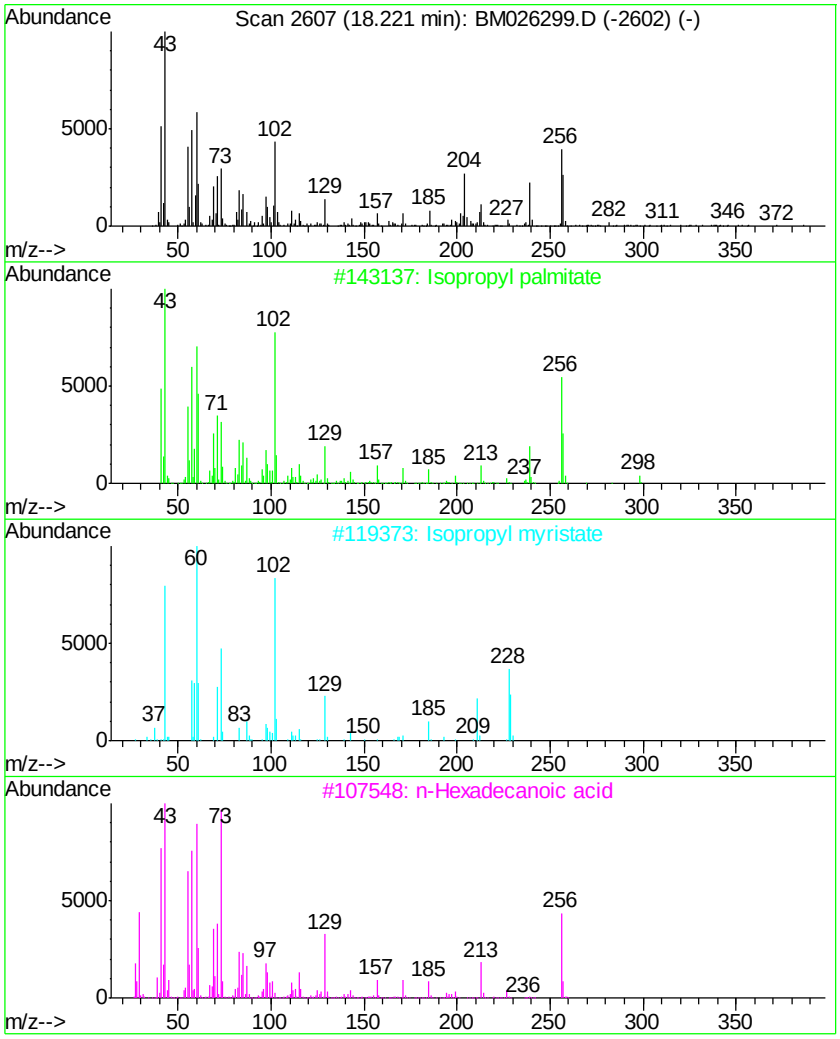
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

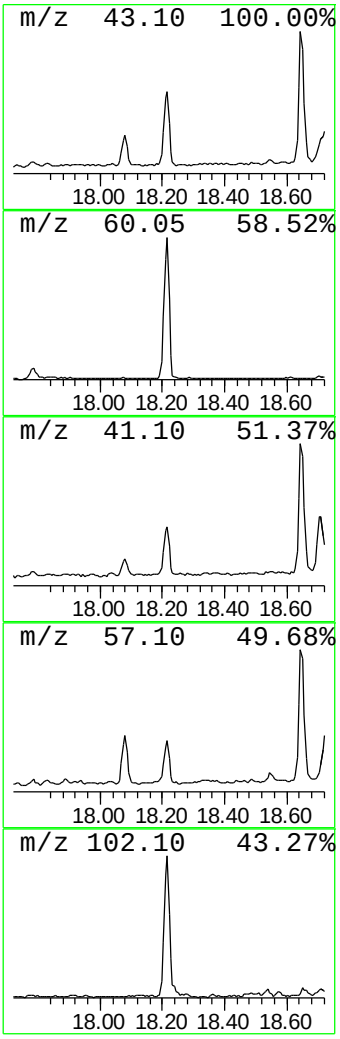
****

Peak Number 6 Isopropyl palmitate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.45 ng	627900	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	74
2	Isopropyl myristate	270	C17H34O2	000110-27-0	58
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
4	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	38
5	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	35





Library Search Compound Report

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Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

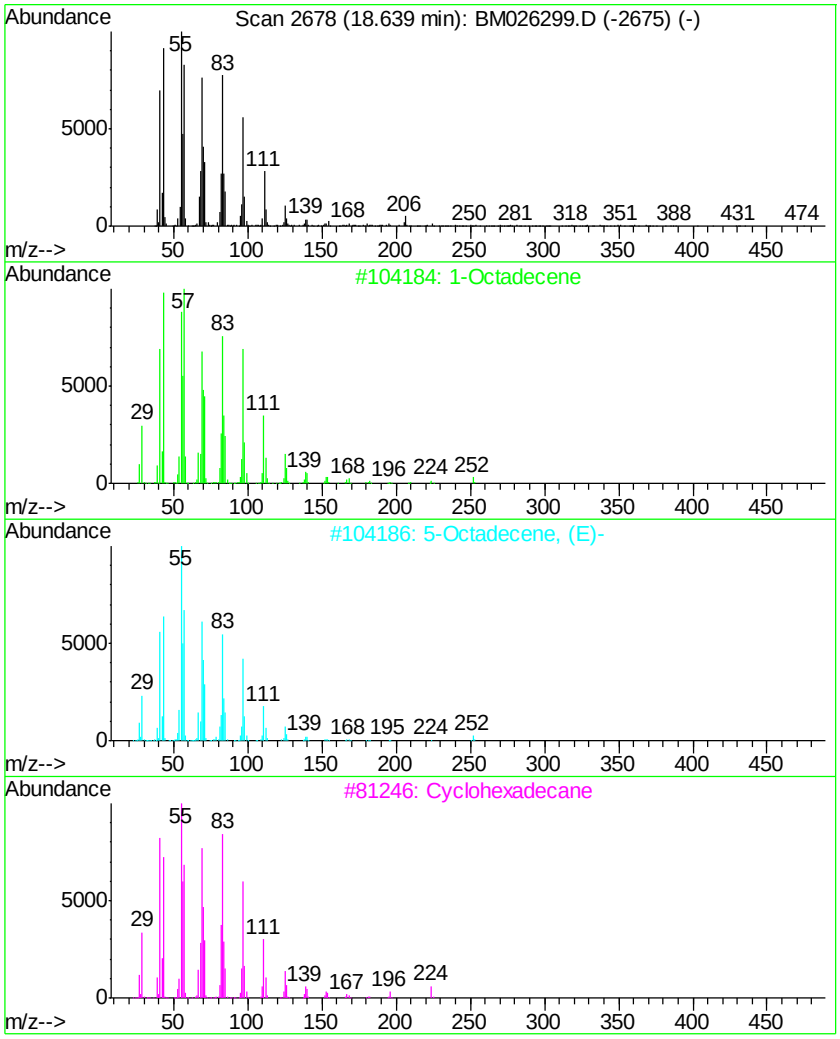
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

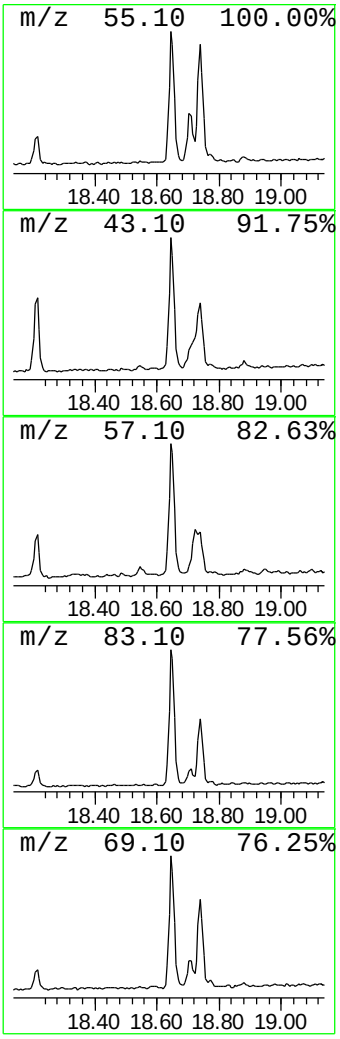
****

Peak Number 7 1-Octadecene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	13.00 ng	1496730	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	99
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	98
3	Cyclohexadecane	224	C16H32	000295-65-8	95
4	1-Hexadecanol	242	C16H34O	036653-82-4	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94





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Misc :
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ClientSampleId : OR-02-060520

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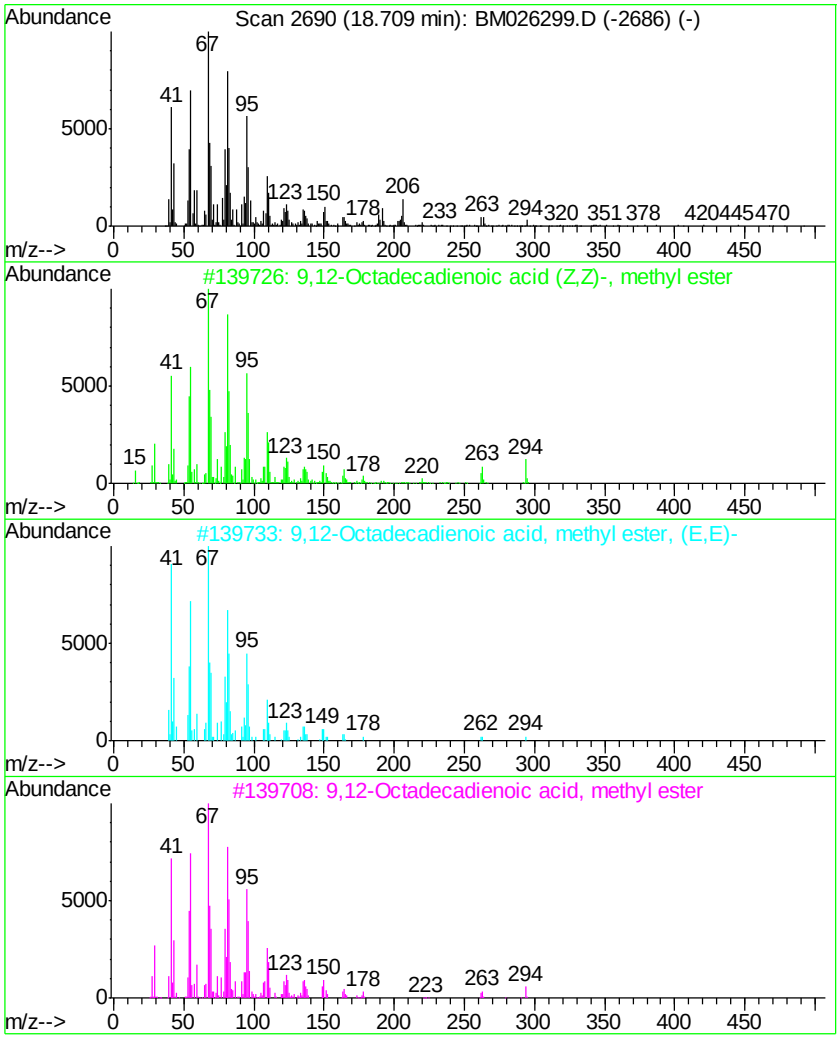
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

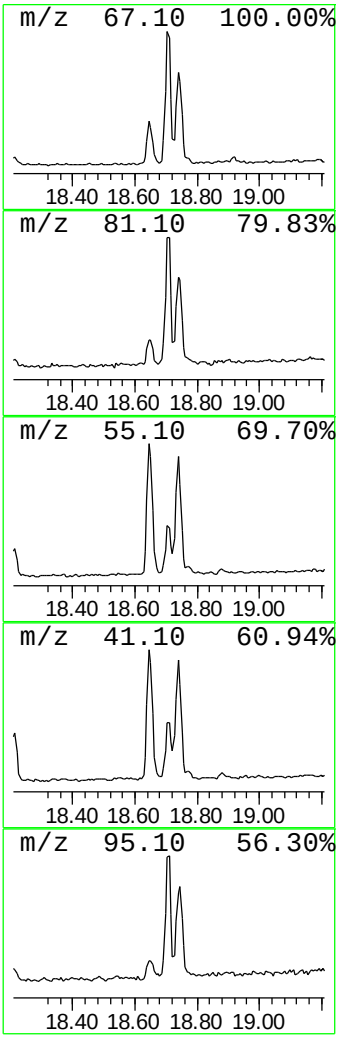
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	6.99 ng	804676	Phenanthrene-d10	16.85

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	002566-97-4	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	95





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Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

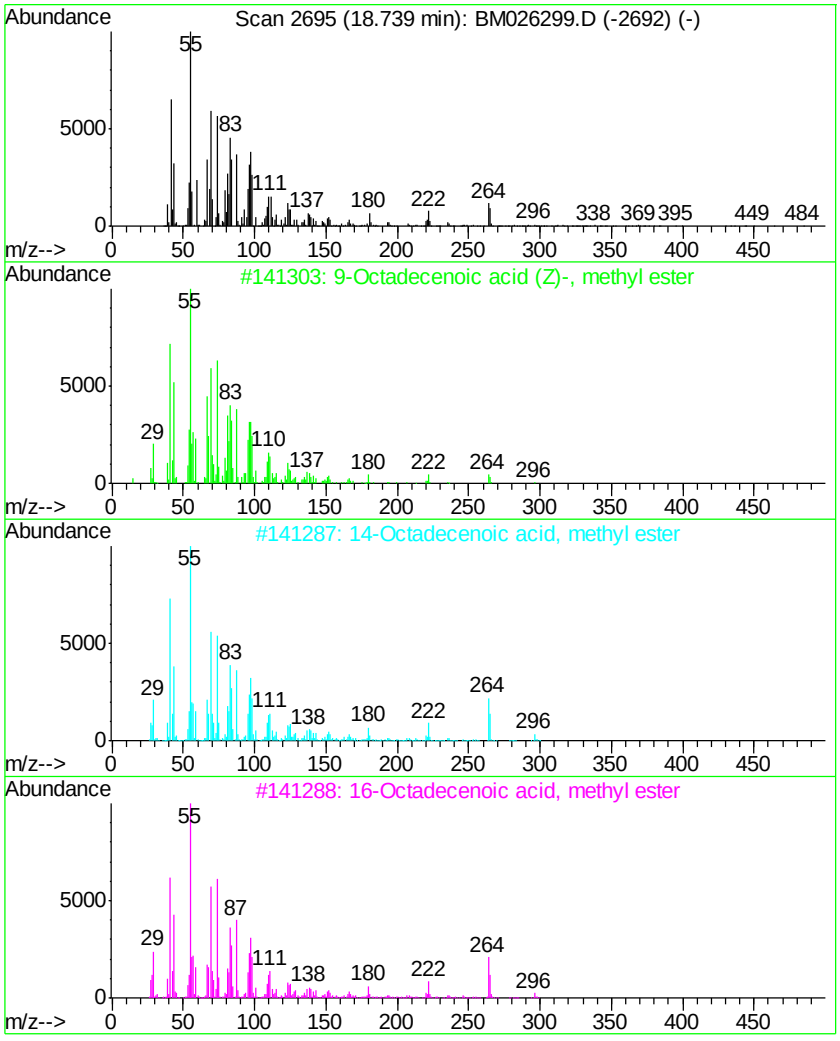
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

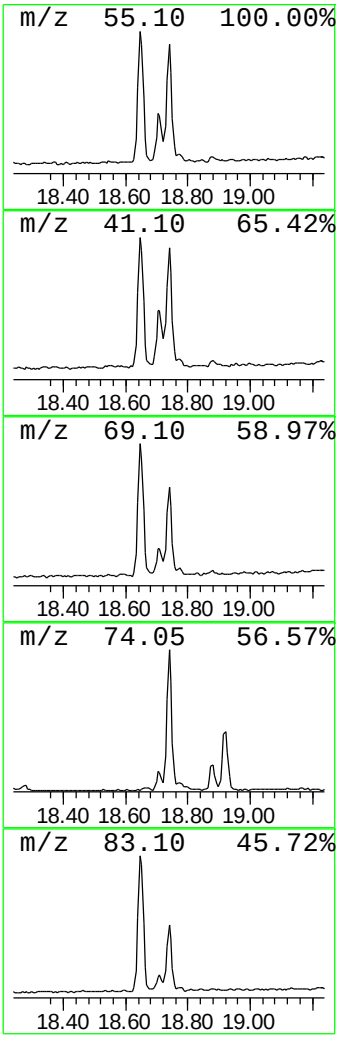
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	11.68 ng	1345240	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
4	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





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Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

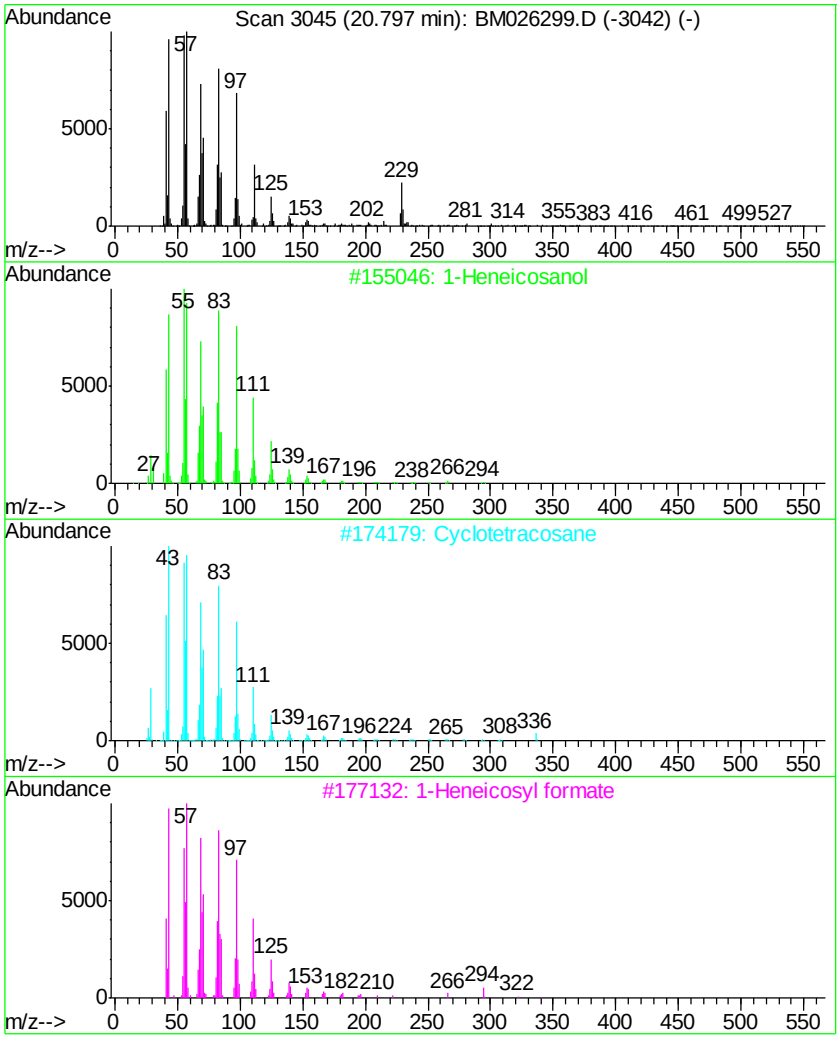
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

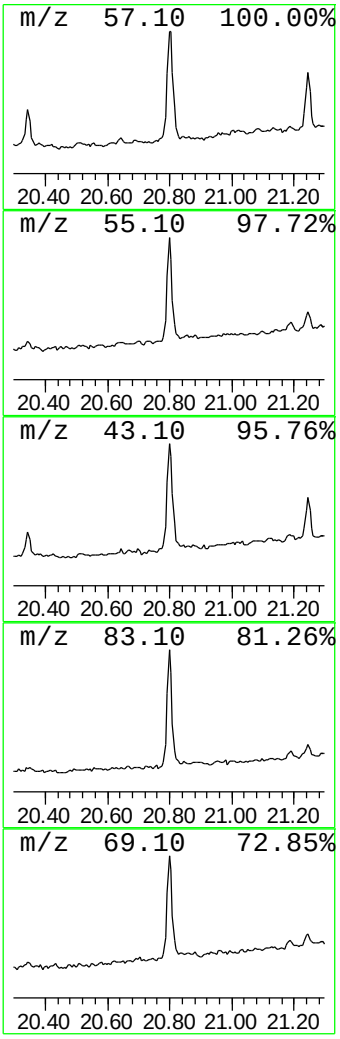
****

Peak Number 10 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.65 ng	993401	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Cyclotetracosane	336	C24H48	000297-03-0	93
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060820\
Data File : BM026299.D
Acq On : 08 Jun 2020 22:34
Operator : JU/CG
Sample : L2815-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-060520

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.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
Ethanol, 2-(2-eth...	7.08	3.2	ng	244279	1	7.45	1516220	20.0
Tridecane	16.65	2.6	ng	295011	4	16.85	2303090	20.0
1H-Cyclopropa[l]p...	17.77	2.3	ng	259493	4	16.85	2303090	20.0
4H-Cyclopenta[def...	17.92	3.2	ng	366848	4	16.85	2303090	20.0
Isopropyl palmitate	18.22	5.5	ng	627900	4	16.85	2303090	20.0
1-Octadecene	18.64	13.0	ng	1496730	4	16.85	2303090	20.0
9,12-Octadecadien...	18.71	7.0	ng	804676	4	16.85	2303090	20.0
9-Octadecenoic ac...	18.74	11.7	ng	1345240	4	16.85	2303090	20.0
1-Heneicosanol	20.80	5.7	ng	993401	5	21.06	3515660	20.0