LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019082.D
Acq On : 08 Mar 2019 20:17
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

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-BM021119.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	5.263	364	370	382	rBV	2656457	3854553	75.80%	9.387%
2	6.845	631	639	660	rBV	2514314	4070887	80.05%	9.914%
3	7.204	693	700	717	rBV	2686402	4278073	84.12%	10.418%
4	7.669	772	779	788	rBV	516885	823741	16.20%	2.006%
5	7.987	825	833	846	rBV	1813142	2979477	58.59%	7.256%
6	8.834	970	977	997	rBV	1336206	2420591	47.60%	5.895%
7	10.457	1246	1253	1266	rBV	565612	1011778	19.90%	2.464%
8	12.933	1666	1674	1691	rBV	2766352	4254486	83.66%	10.361%
9	13.792	1814	1820	1833	rBV	143518	250051	4.92%	0.609%
10	14.210	1882	1891	1904	rBV	73979	228443	4.49%	0.556%
11	14.321	1904	1910	1922	rVB2	740236	1198261	23.56%	2.918%
12	15.821	2159	2165	2186	rBV	2187759	3459679	68.03%	8.425%
13	17.080	2373	2379	2391	rBV2	769061	1268903	24.95%	3.090%
14	17.962	2524	2529	2542	rBV	247713	464598	9.14%	1.131%
15	19.251	2744	2748	2761	rBV	115805	210917	4.15%	0.514%
16	19.709	2821	2826	2838	rBV	4062629	5085386	100.00%	12.384%
17	20.968	3036	3040	3049	rBV	357098	490476	9.64%	1.194%
18	21.274	3087	3092	3100	rBV	1021942	1455962	28.63%	3.546%
19	21.409	3112	3115	3119	rBV	94101	103002	2.03%	0.251%
20	21.839	3185	3188	3196	rBV	157896	198939	3.91%	0.484%
21	22.297	3263	3266	3270	rVB	235031	285627	5.62%	0.696%
22	22.803	3348	3352	3357	rVB2	258033	354430	6.97%	0.863%
23	23.368	3444	3448	3456	rVB	228255	360682	7.09%	0.878%
24	23.515	3467	3473	3485	rVB	847617	1645239	32.35%	4.007%
25	24.009	3554	3557	3566	rVB2	185858	309128	6.08%	0.753%

Sum of corrected areas: 41063309

LSC Report - Integrated Chromatogram

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Data File : BM019082.D
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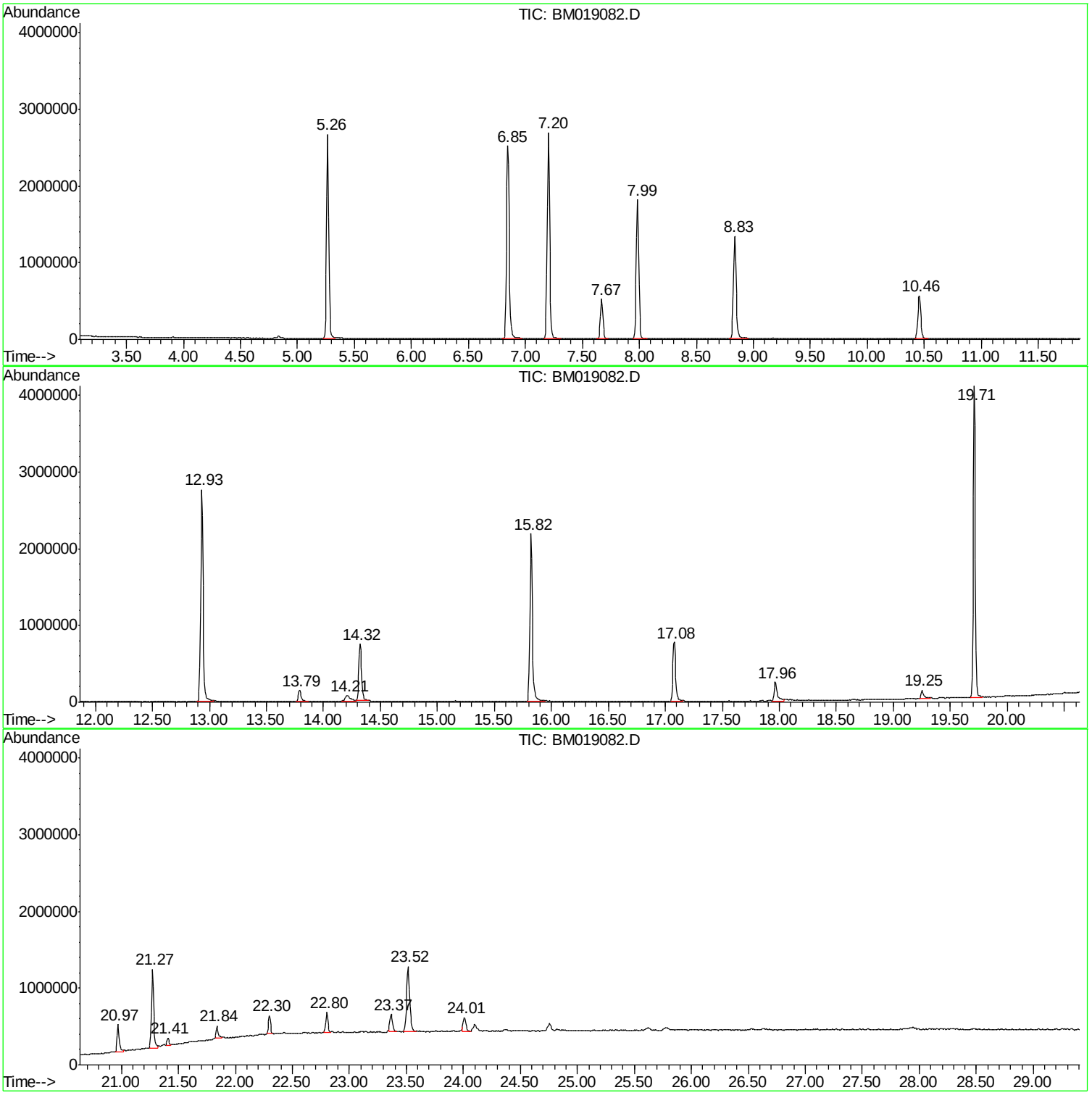
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TP-12

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TIC Library : C:\DATABASE\NIST02.L
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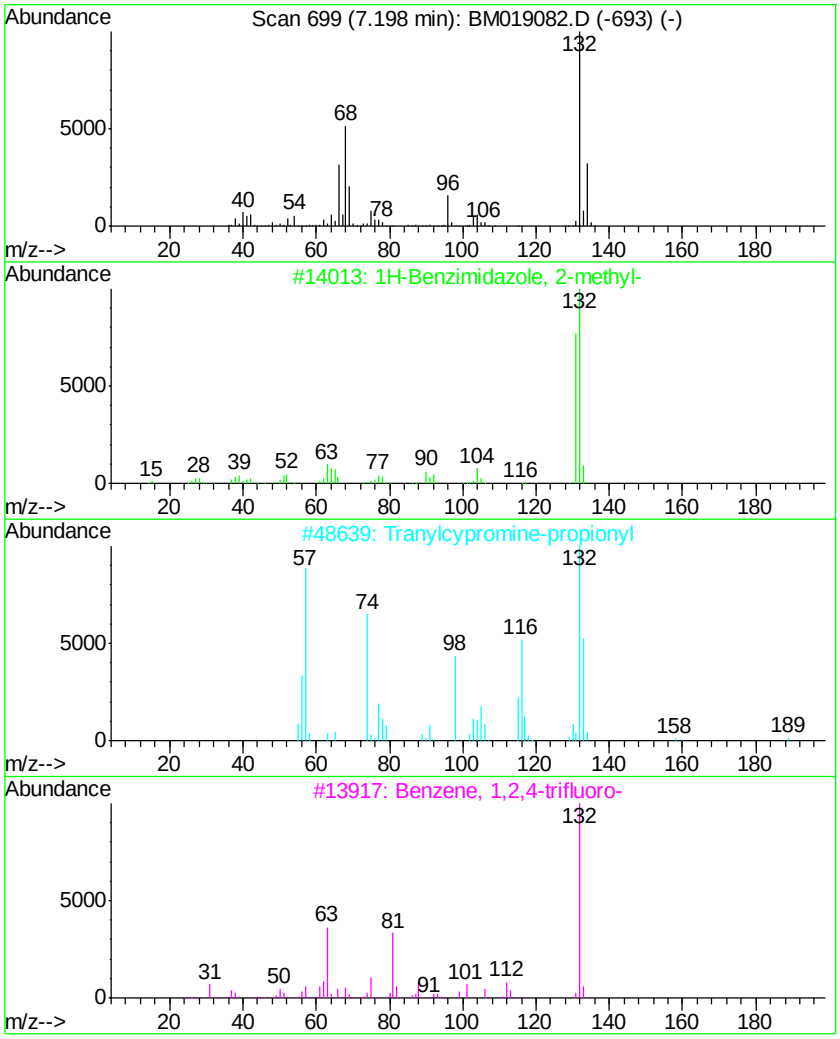
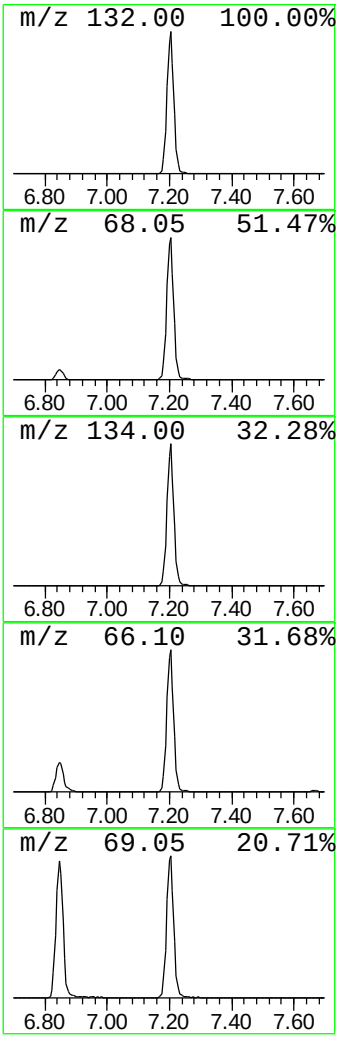
Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	103.87 ng	4278070	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_M
ClientSampleId : TP-12

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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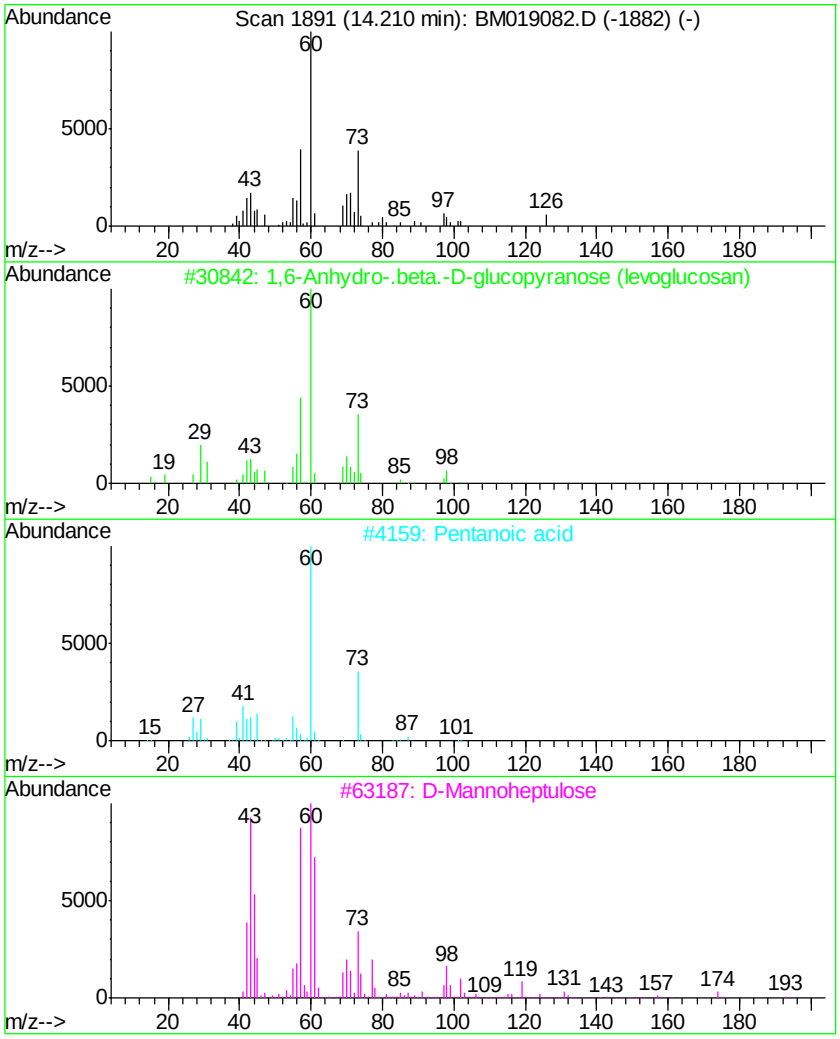
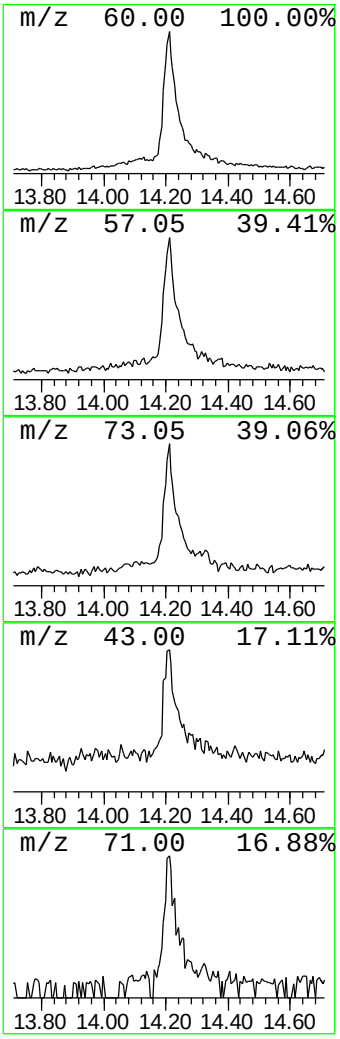
Peak Number 3 1,6-Anhydro-.beta.-D-glucop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	3.81 ng	228443	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Anhydro-.beta.-D-glucopyrano...	162	C6H10O5	000498-07-7	64
2	Pentanoic acid	102	C5H10O2	000109-52-4	50
3	D-Mannoheptulose	210	C7H14O7	003615-44-9	45
4	Hexanoic acid	116	C6H12O2	000142-62-1	40
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	40





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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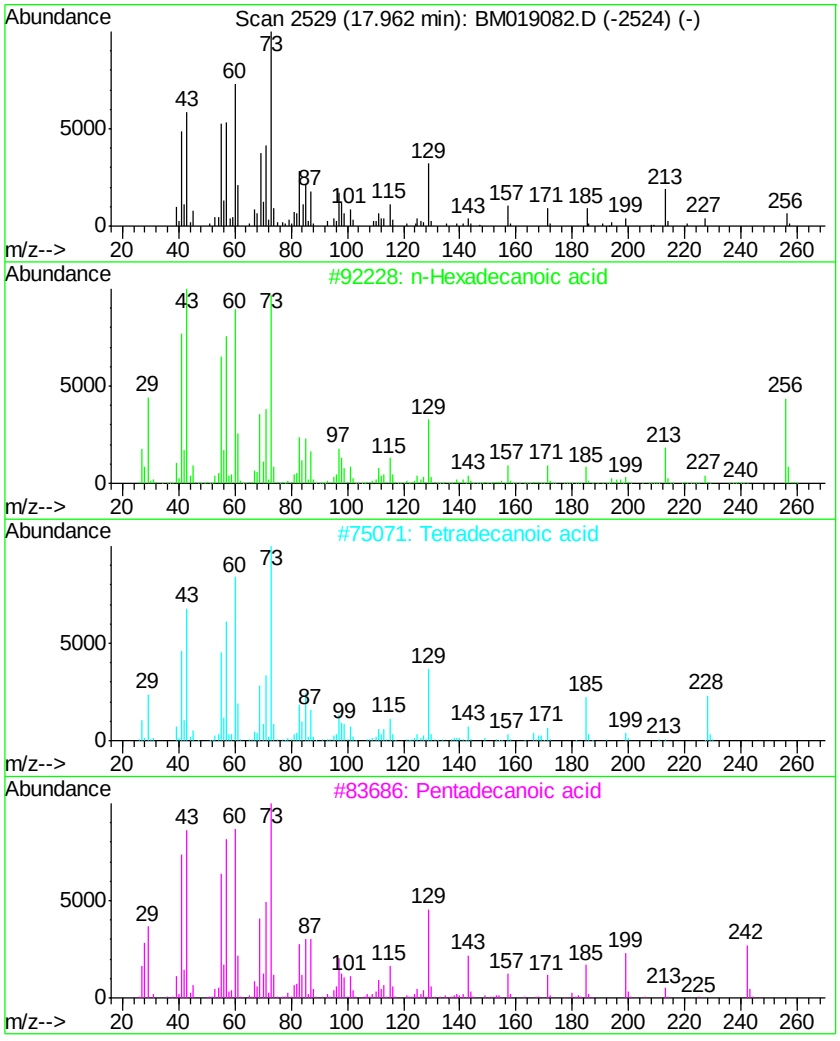
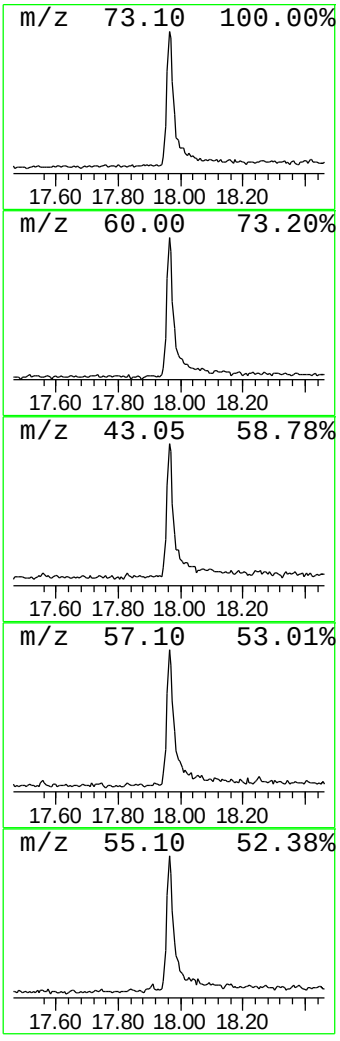
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	7.32 ng	464598	Phenanthrene-d10	17.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	Amyl Nitrite	117	C5H11NO2	000110-46-3	38
5	n-Decanoic acid	172	C10H20O2	000334-48-5	27





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

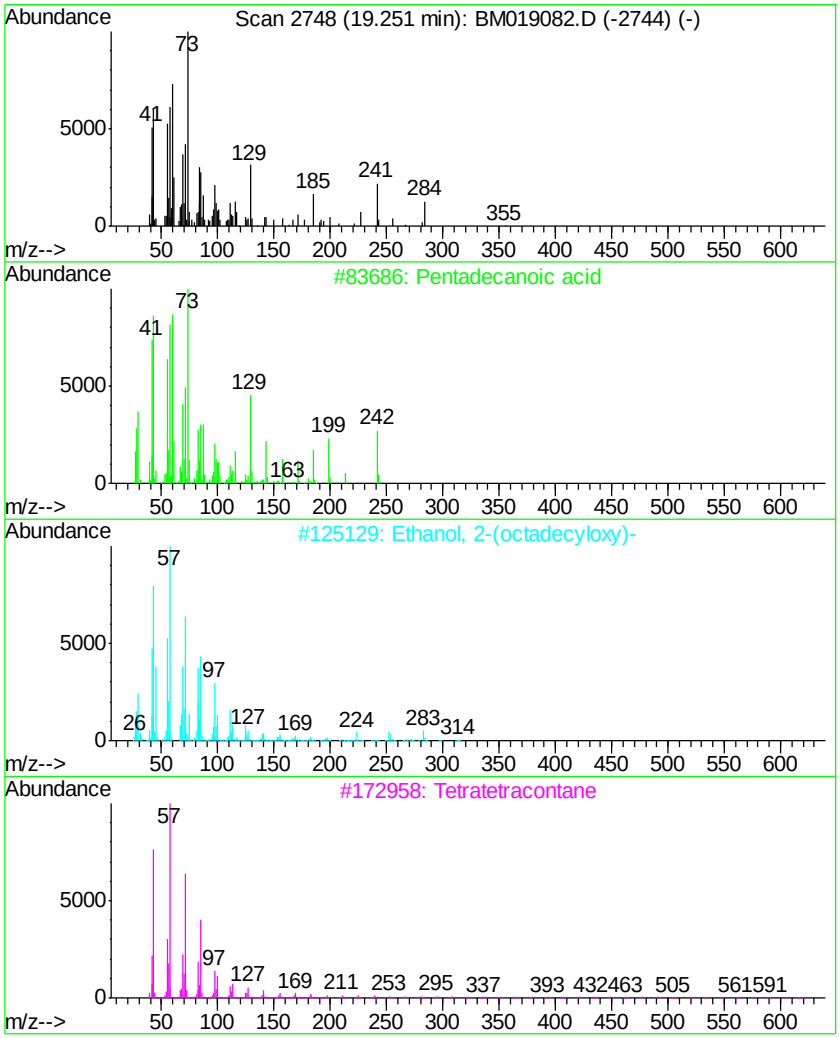
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

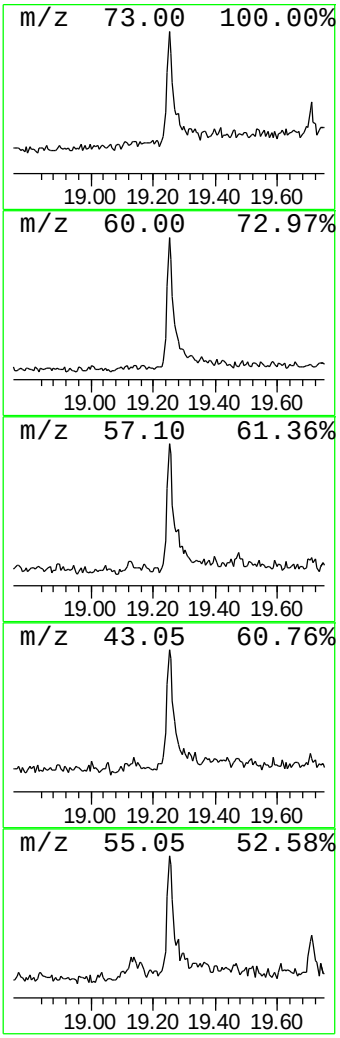
****

Peak Number 5 Pentadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	2.90 ng	210917	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
2	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	30
3	Tetratetracontane	619	C44H90	007098-22-8	18
4	Tetracosane	338	C24H50	000646-31-1	18
5	Octacosane	394	C28H58	000630-02-4	18





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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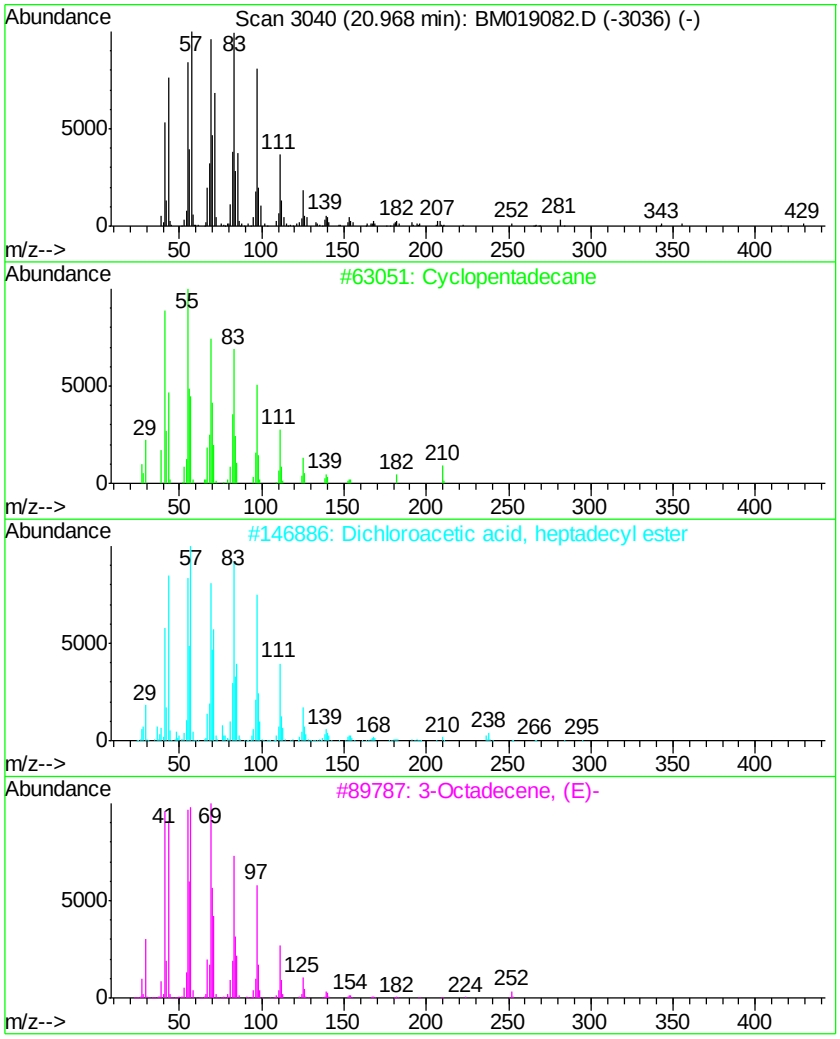
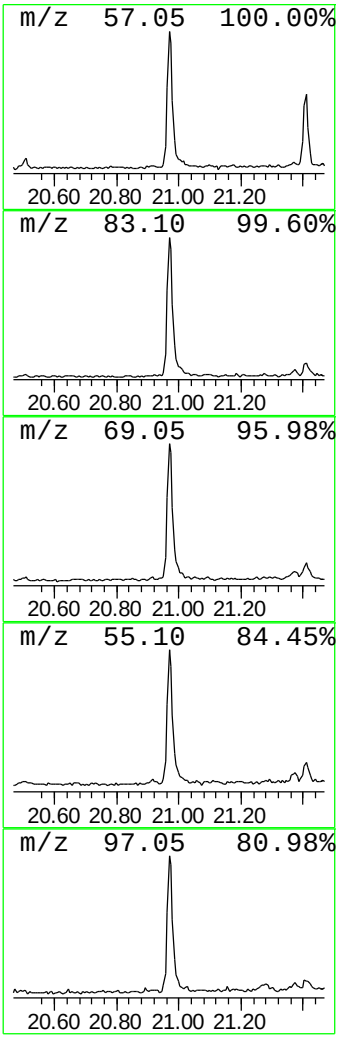
****

Peak Number 6 Cyclopentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.74 ng	490476	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	94
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91





Library Search Compound Report

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Sample : K1807-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

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TIC Library : C:\DATABASE\NIST02.L
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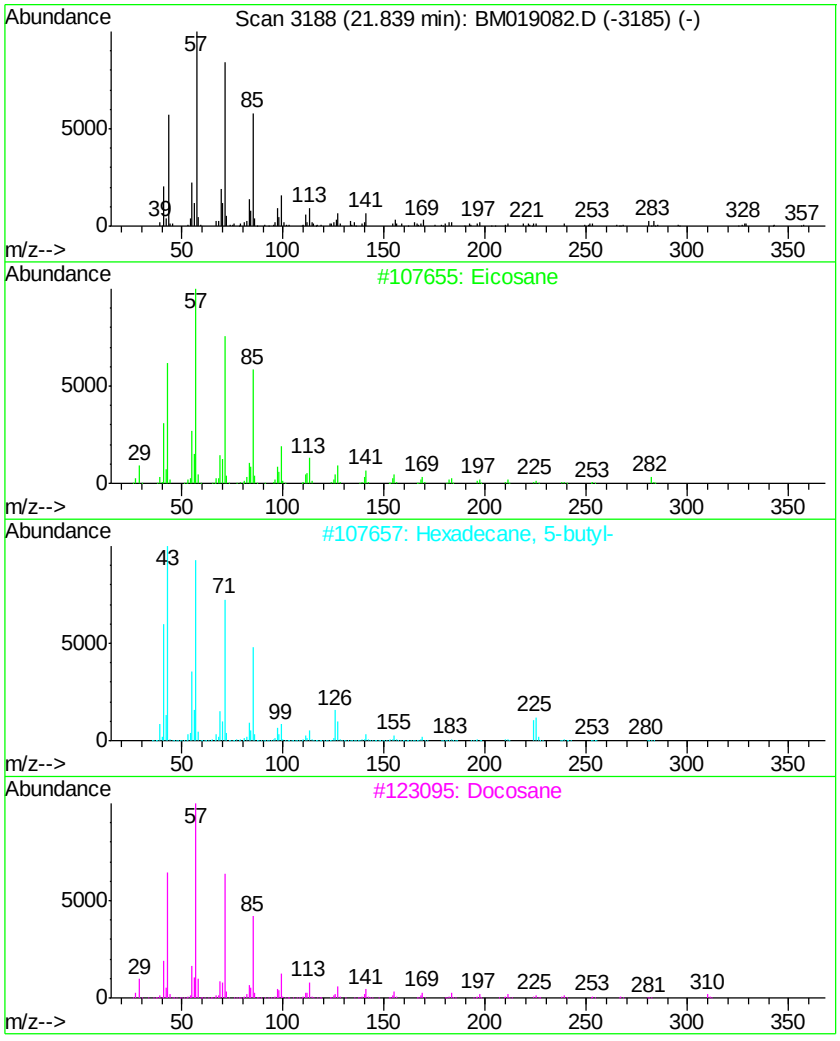
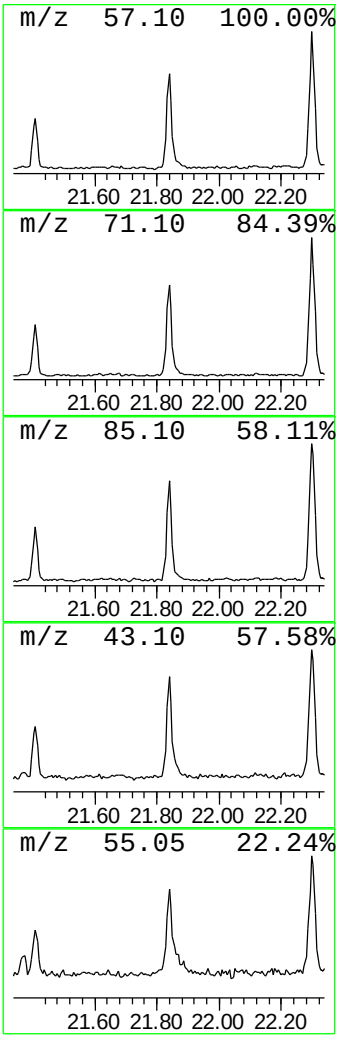
****

Peak Number 7 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	2.73 ng	198939	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
3	Docosane	310	C22H46	000629-97-0	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

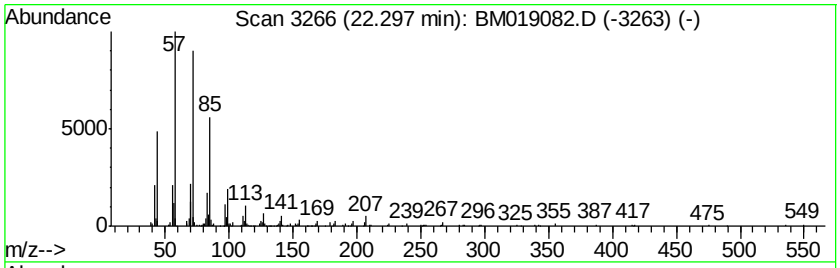
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

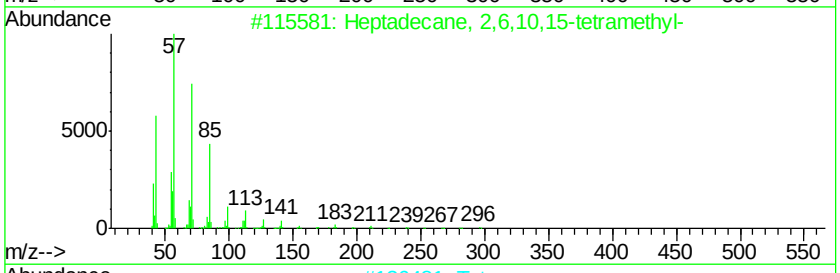
****

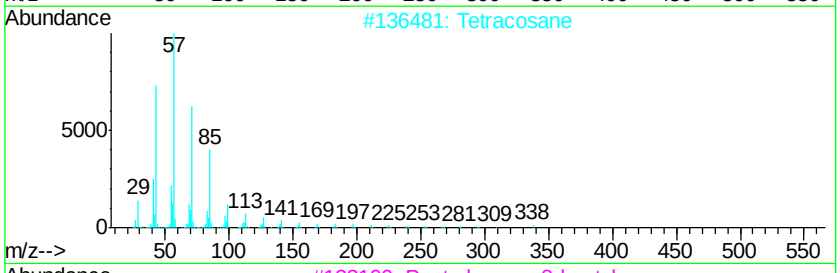
Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

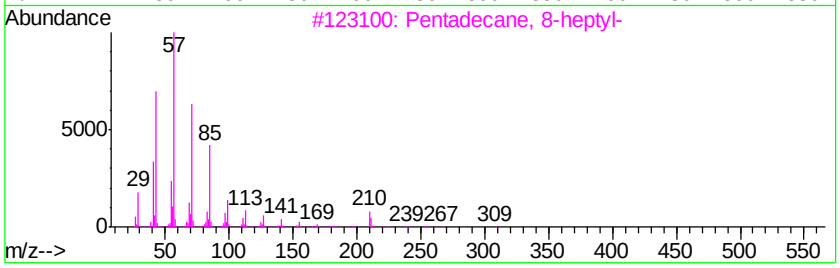
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.92 ng	285627	Chrysene-d12	21.27

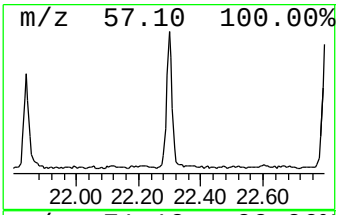
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Tetracosane	338	C24H50	000646-31-1	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptacosane	380	C27H56	000593-49-7	81
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80

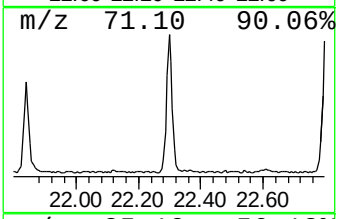


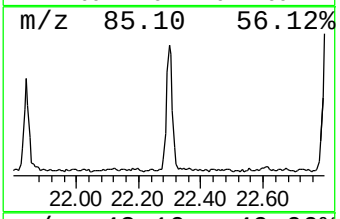


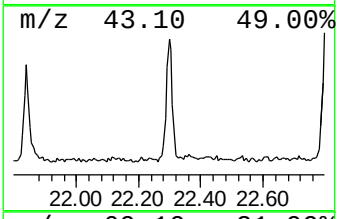


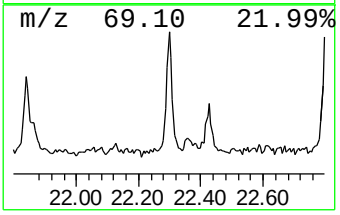












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TIC Library : C:\DATABASE\NIST02.L
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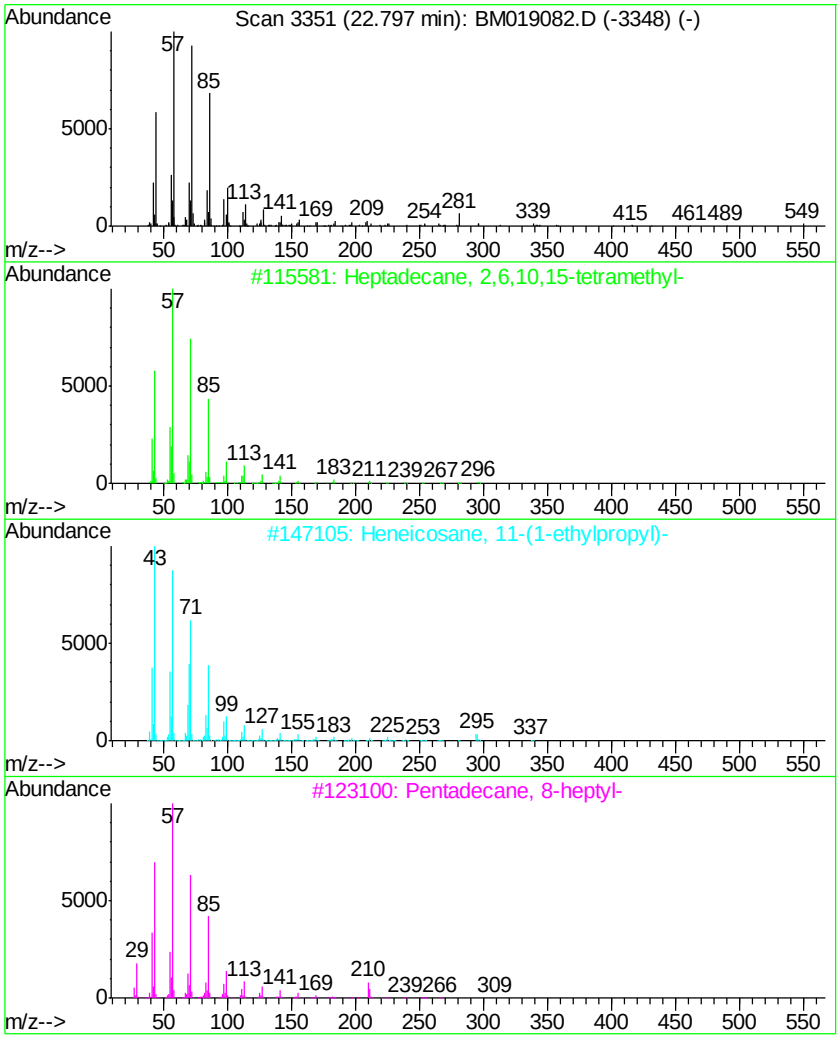
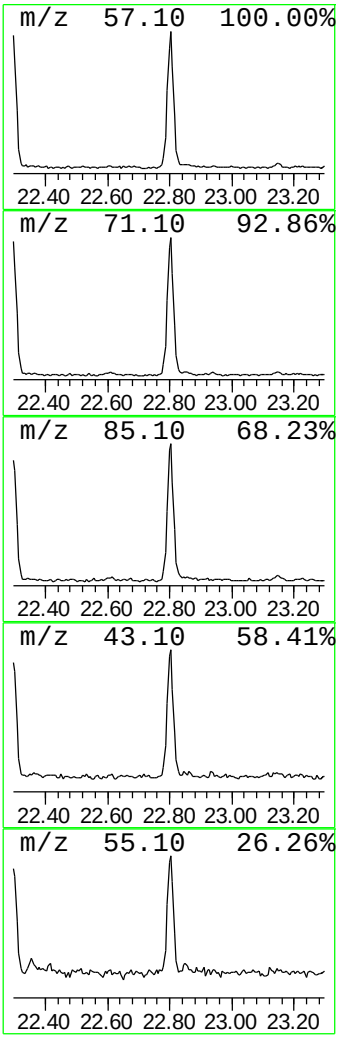
****

Peak Number 9 unknown22.80 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	4.31 ng	354430	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Tetracosane	338	C24H50	000646-31-1	86





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Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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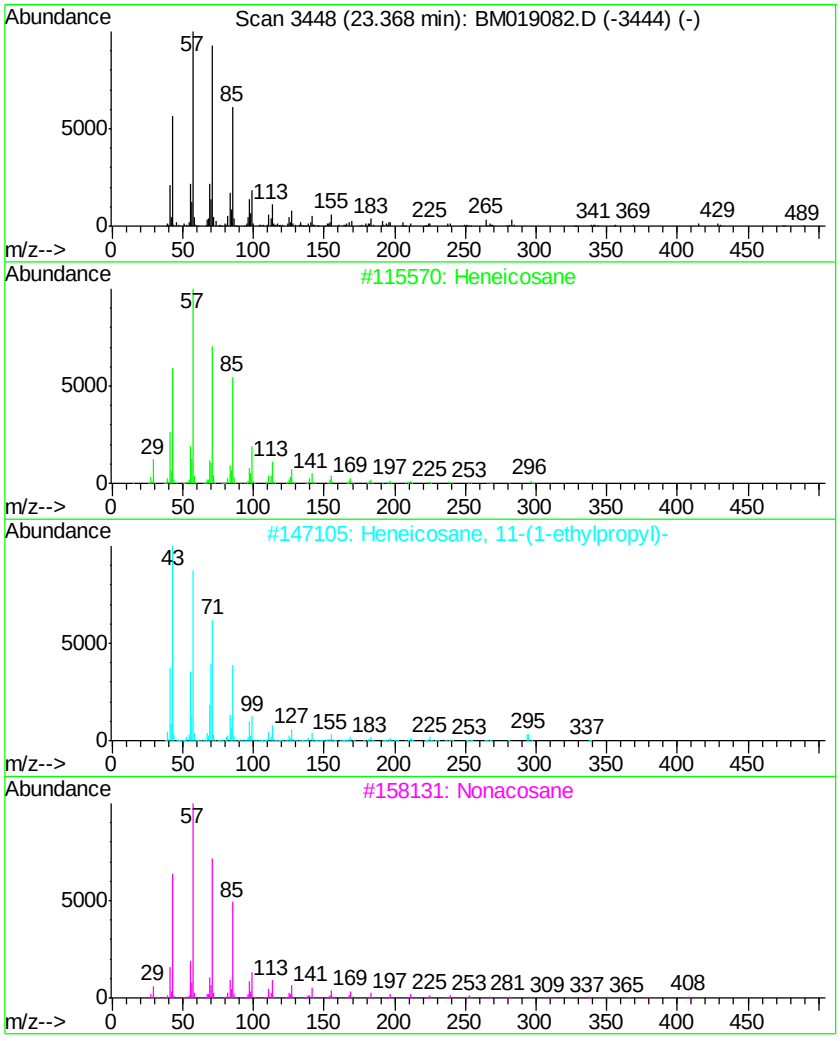
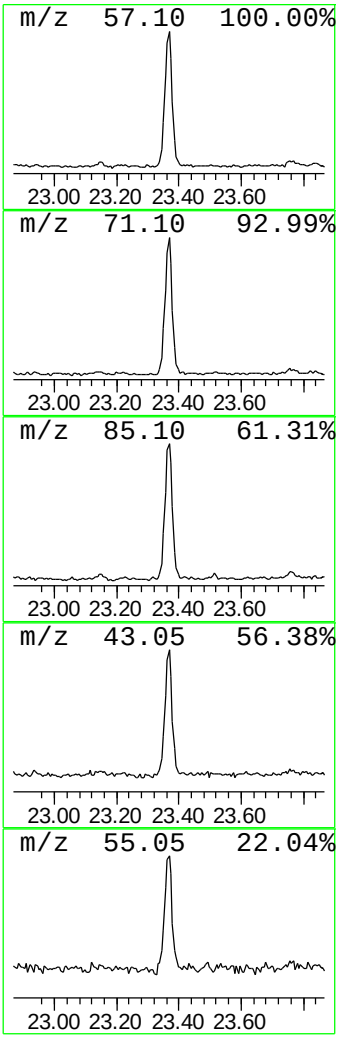
Peak Number 10 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	4.38 ng	360682	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019082.D
Acq On : 08 Mar 2019 20:17
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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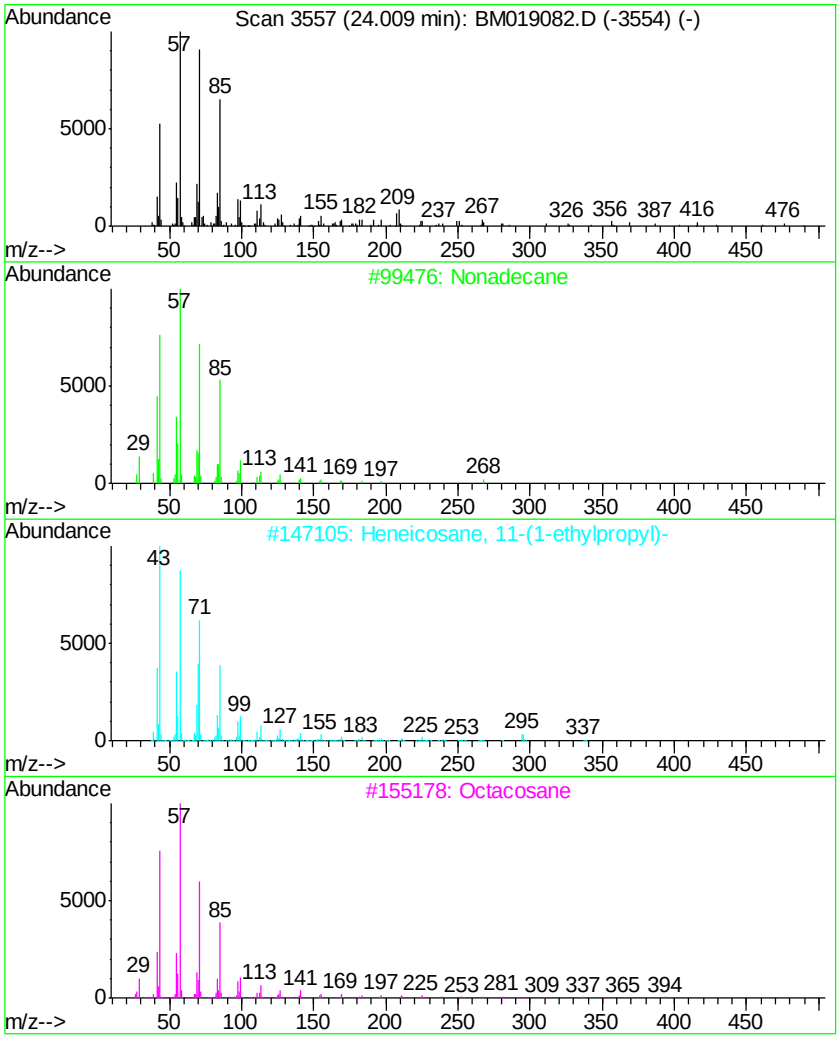
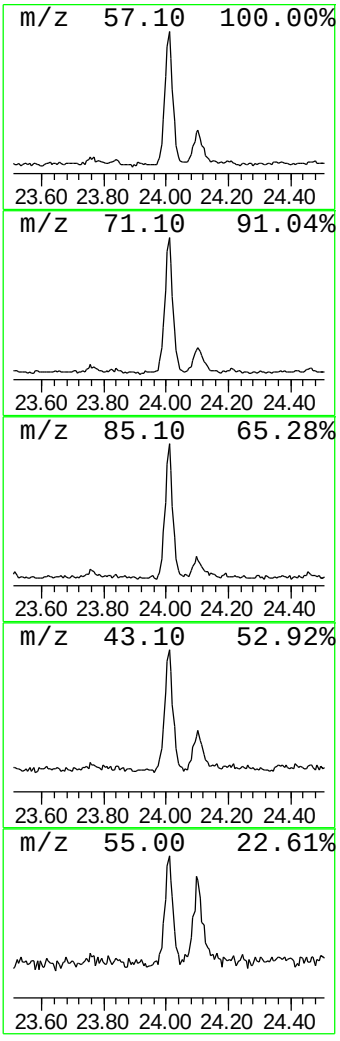
Peak Number 11 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	3.76 ng	309128	Perylene-d12	23.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Docosane	310	C22H46	000629-97-0	86
5	Heptacosane	380	C27H56	000593-49-7	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019082.D
Acq On : 08 Mar 2019 20:17
Operator : JU/SJ
Sample : K1807-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-12

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.20	7.20	103.9	ng	4278070	1	7.67	823741	20.0
1,6-Anhydro-.beta...	14.21	3.8	ng	228443	3	14.32	1198260	20.0
n-Hexadecanoic acid	17.96	7.3	ng	464598	4	17.08	1268900	20.0
Pentadecanoic acid	19.25	2.9	ng	210917	5	21.27	1455960	20.0
Cyclopentadecane	20.97	6.7	ng	490476	5	21.27	1455960	20.0
Eicosane	21.84	2.7	ng	198939	5	21.27	1455960	20.0
Heptadecane, 2,6,...	22.30	3.9	ng	285627	5	21.27	1455960	20.0
unknown22.80	22.80	4.3	ng	354430	6	23.52	1645240	20.0
Heneicosane	23.37	4.4	ng	360682	6	23.52	1645240	20.0
Nonadecane	24.01	3.8	ng	309128	6	23.52	1645240	20.0