LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019136.D
Acq On : 13 Mar 2019 07:16
Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

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-BM031119.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	5.257	363	369	390	rBV	2976738	4578417	36.33%	6.912%
2	6.845	631	639	661	rBV	3200914	5455970	43.30%	8.237%
3	7.198	691	699	717	rBV	3246646	5268408	41.81%	7.954%
4	7.657	770	777	786	rBV	634276	1035008	8.21%	1.563%
5	7.975	824	831	842	rBV	2103865	3346890	26.56%	5.053%
6	8.828	968	976	994	rBV	1688685	2973658	23.60%	4.490%
7	10.445	1244	1251	1264	rBV	794626	1445576	11.47%	2.182%
8	12.927	1666	1673	1696	rBV	4462608	6652805	52.79%	10.044%
9	13.780	1813	1818	1834	rBV	298070	506005	4.02%	0.764%
10	14.315	1902	1909	1921	rBV2	1487991	2289748	18.17%	3.457%
11	15.815	2157	2164	2183	rBV	4930763	7136770	56.63%	10.775%
12	17.068	2371	2377	2391	rBV2	1995145	3031807	24.06%	4.577%
13	17.956	2523	2528	2540	rBV	187951	324238	2.57%	0.490%
14	19.703	2819	2825	2838	rBV	10305075	12601392	100.00%	19.025%
15	20.962	3035	3039	3050	rBV	567168	759844	6.03%	1.147%
16	21.268	3085	3091	3099	rBV	2641221	3633180	28.83%	5.485%
17	21.403	3111	3114	3119	rBV2	114284	131218	1.04%	0.198%
18	21.833	3183	3187	3194	rBV	187542	311618	2.47%	0.470%
19	22.291	3261	3265	3272	rVB	285856	364248	2.89%	0.550%
20	22.791	3346	3350	3356	rVB	305542	420563	3.34%	0.635%
21	23.356	3442	3446	3455	rVB	299965	477060	3.79%	0.720%
22	23.503	3465	3471	3483	rVB2	1615422	3075097	24.40%	4.643%
23	23.997	3551	3555	3563	rVB	236619	415571	3.30%	0.627%

Sum of corrected areas: 66235091

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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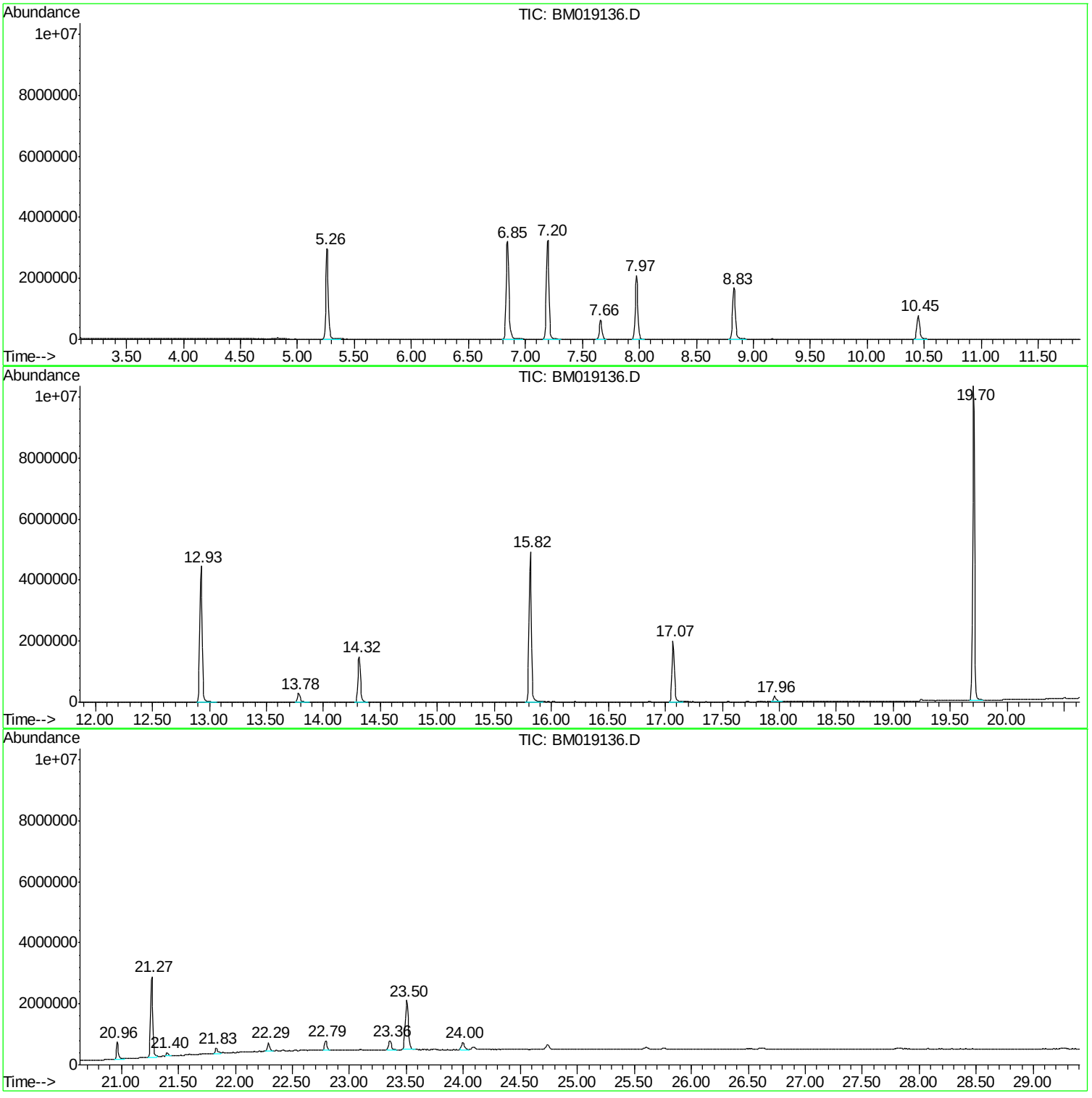
Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019136.D
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Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

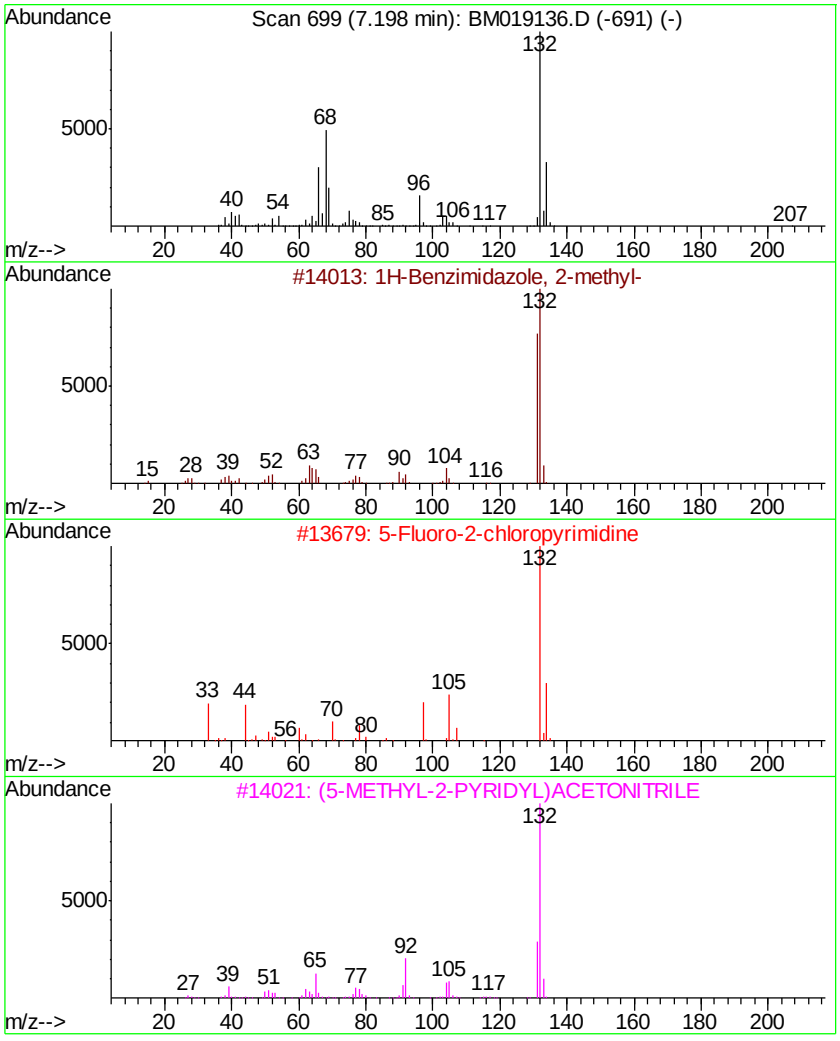
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

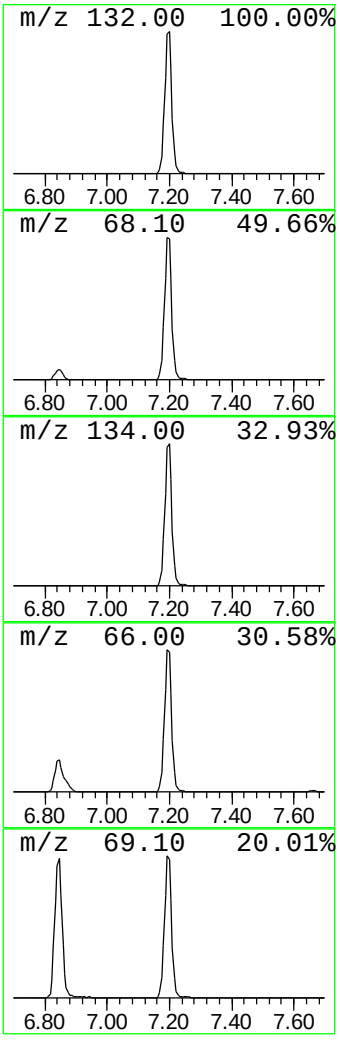
****

Peak Number 1 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	101.80 ng	5268410	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BM019136.D
Acq On : 13 Mar 2019 07:16
Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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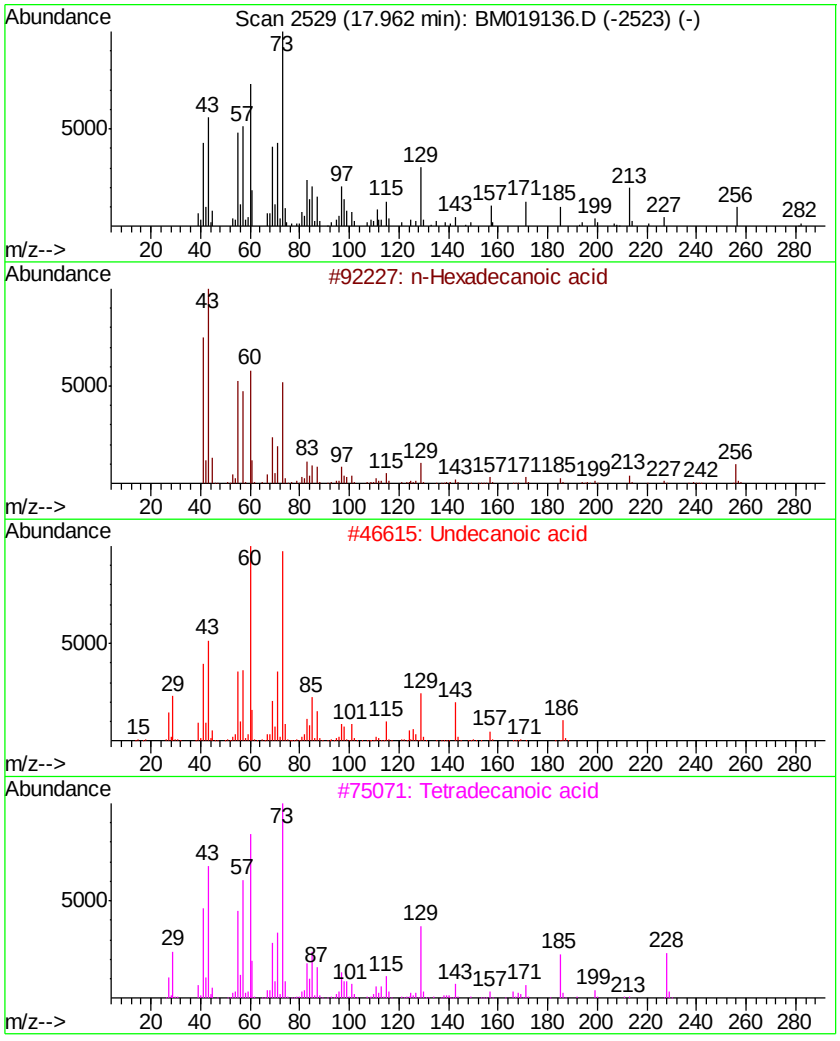
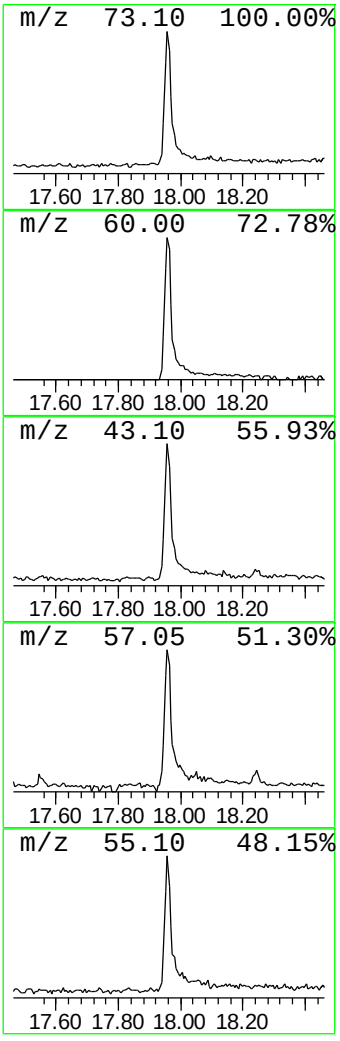
Peak Number 3 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.14 ng	324238	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Undecanoic acid	186	C11H22O2	000112-37-8	52
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	1-Heptanol, 2-propyl-	158	C10H22O	010042-59-8	14





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019136.D
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Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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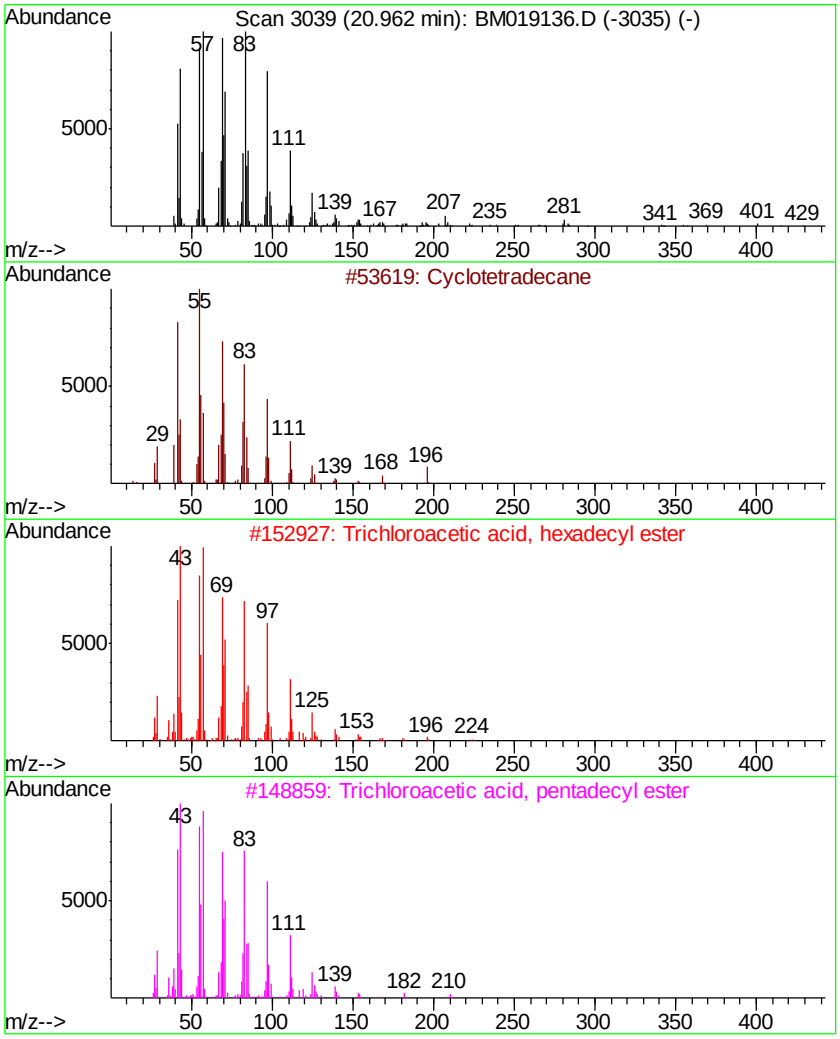
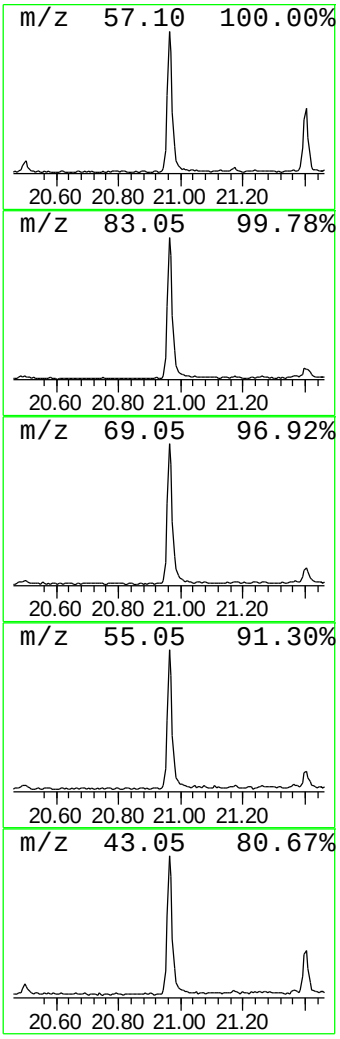
Peak Number 4 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	4.18 ng	759844	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Library Search Compound Report

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Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.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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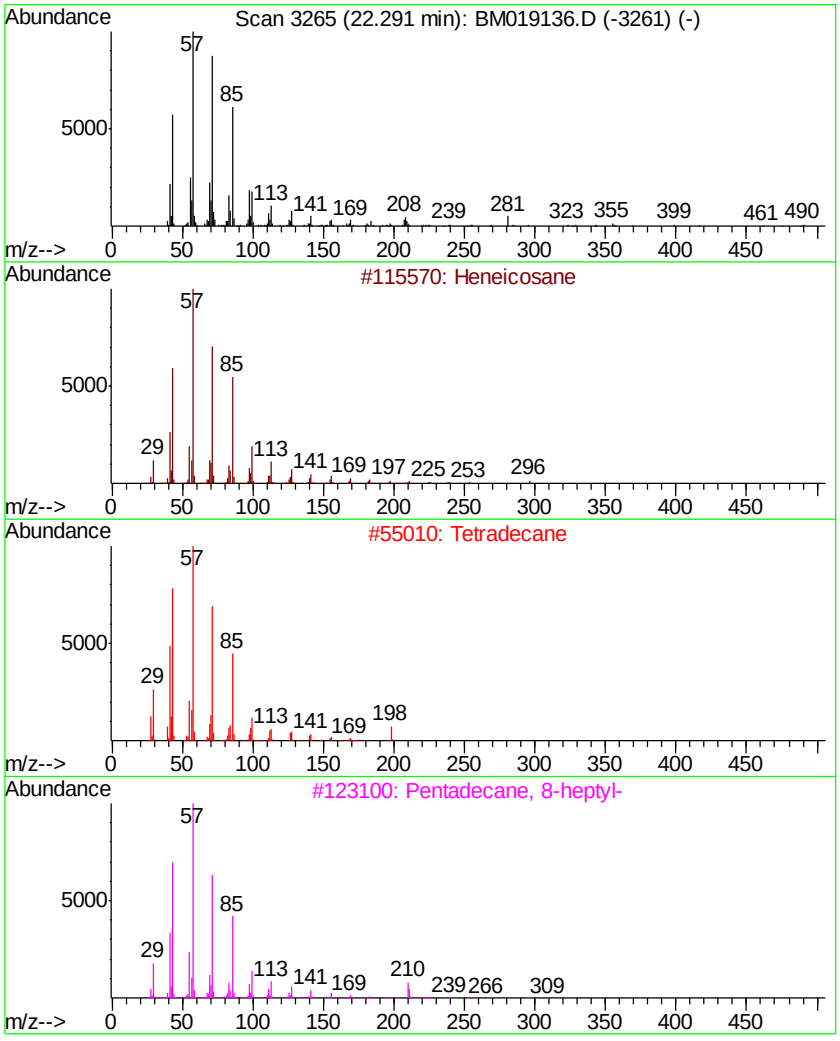
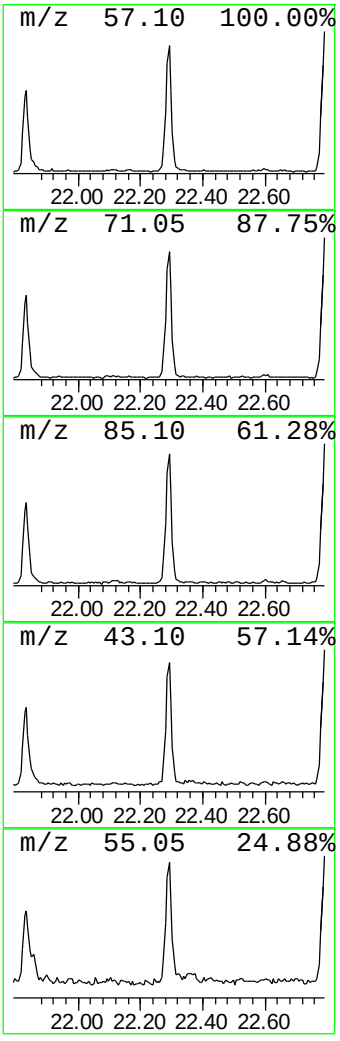
Peak Number 5 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.01 ng	364248	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
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Operator : JU/SJ
Sample : K1824-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

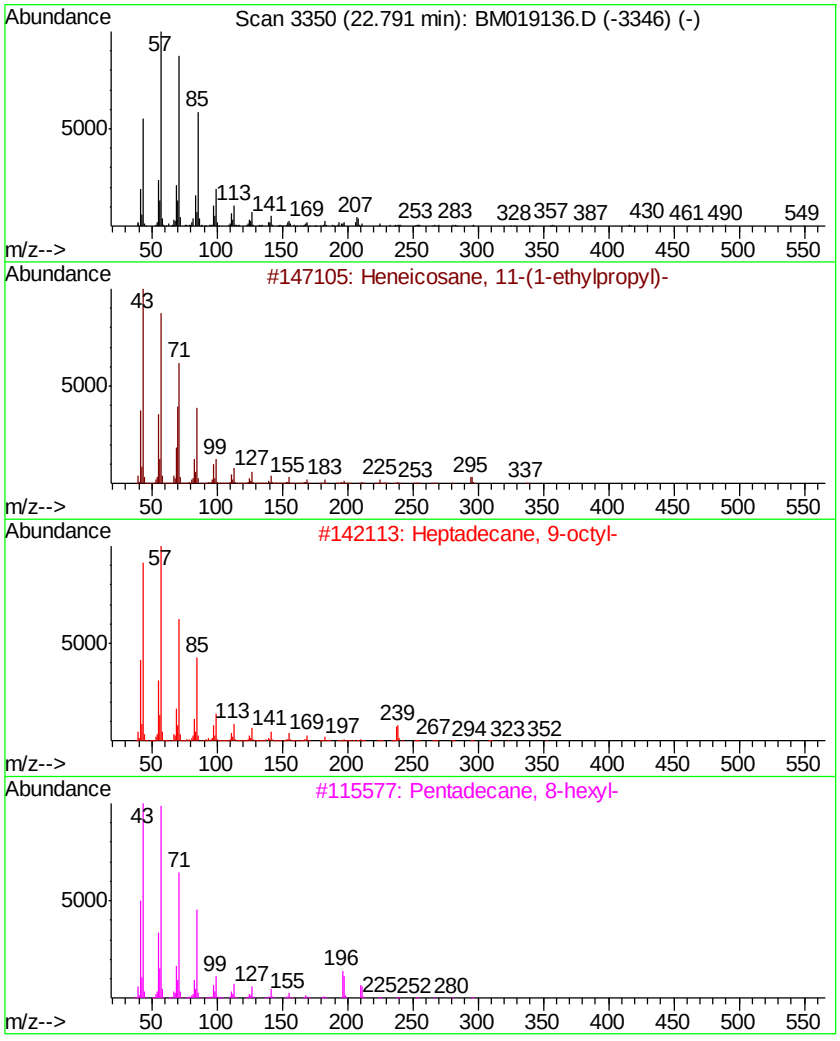
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

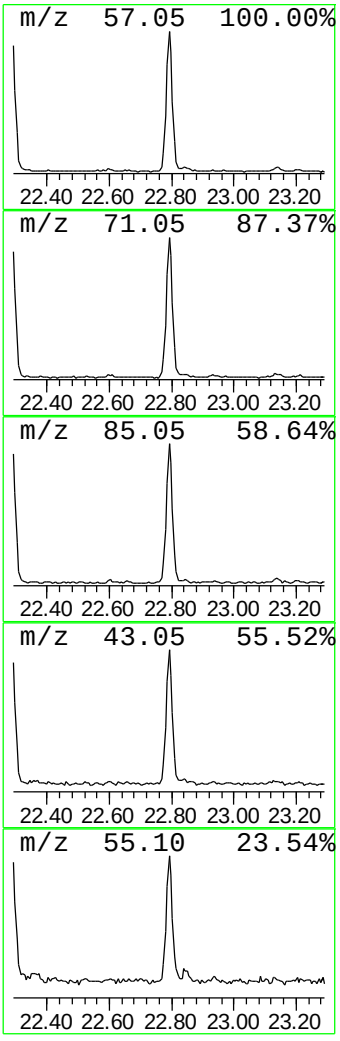
****

Peak Number 6 Heneicosane, 11-(1-ethylpro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.74 ng	420563	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
5	Heptacosane	380	C27H56	000593-49-7	86





Library Search Compound Report

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-26

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

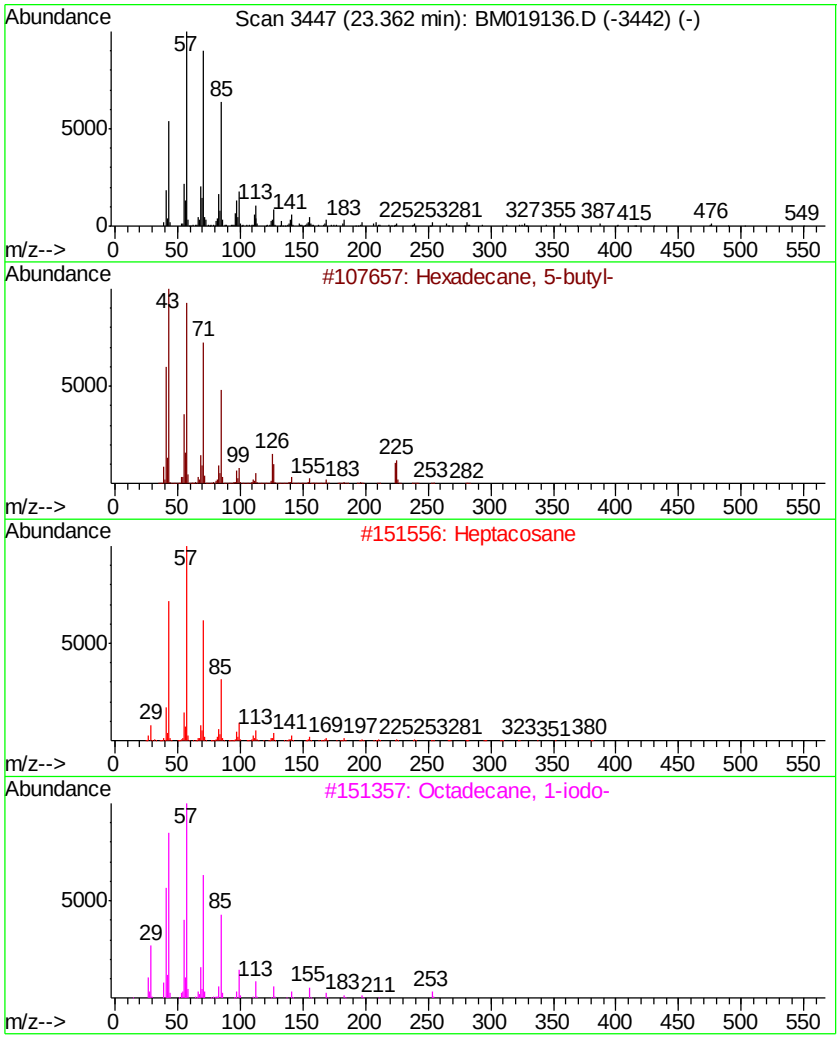
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

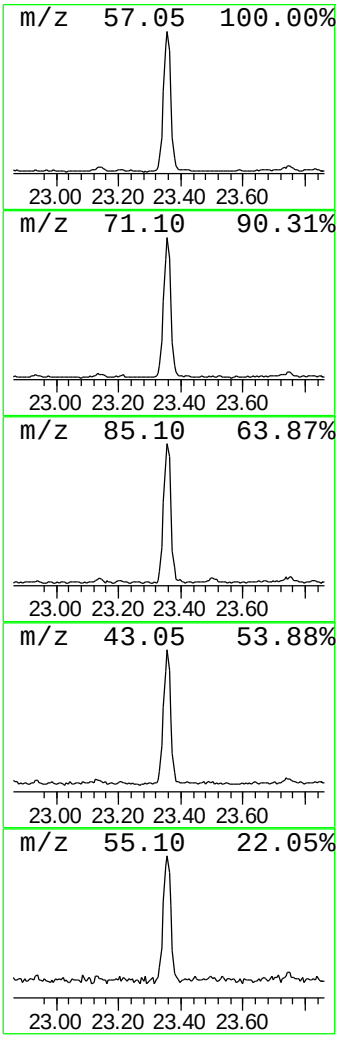
****

Peak Number 7 Hexadecane, 5-butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	3.10 ng	477060	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Nonacosane	408	C29H60	000630-03-5	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





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Misc :
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ClientSampleId : TP-26

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

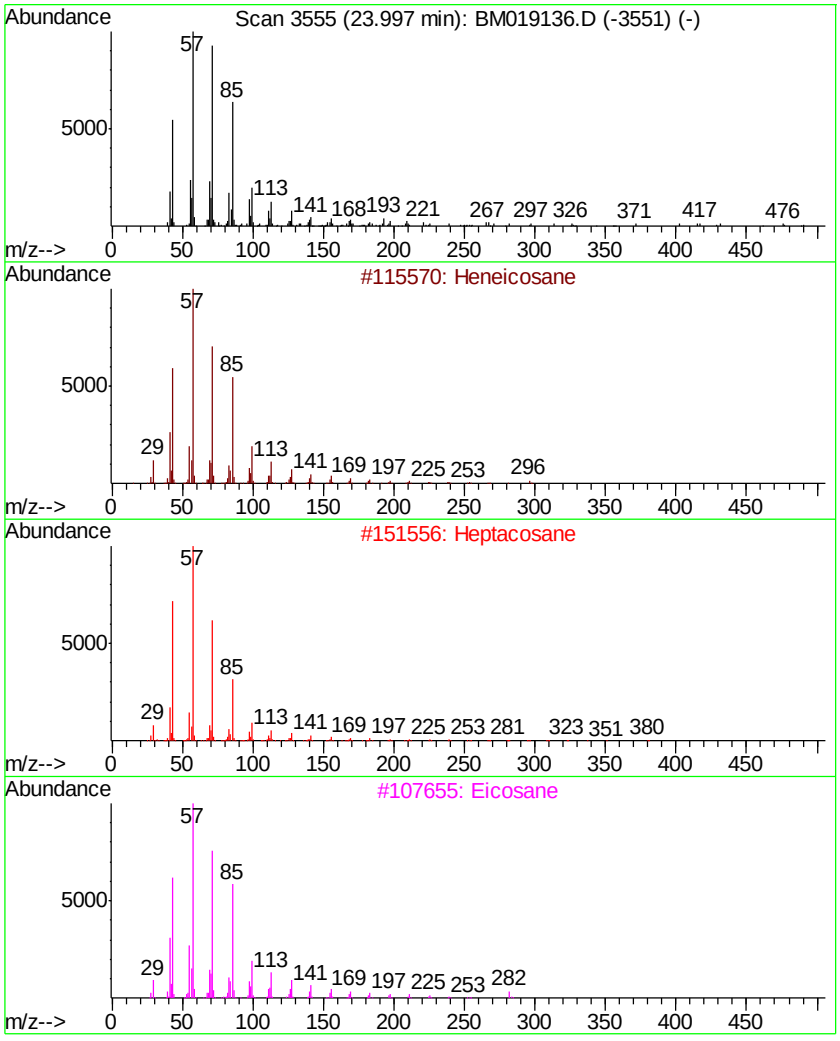
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

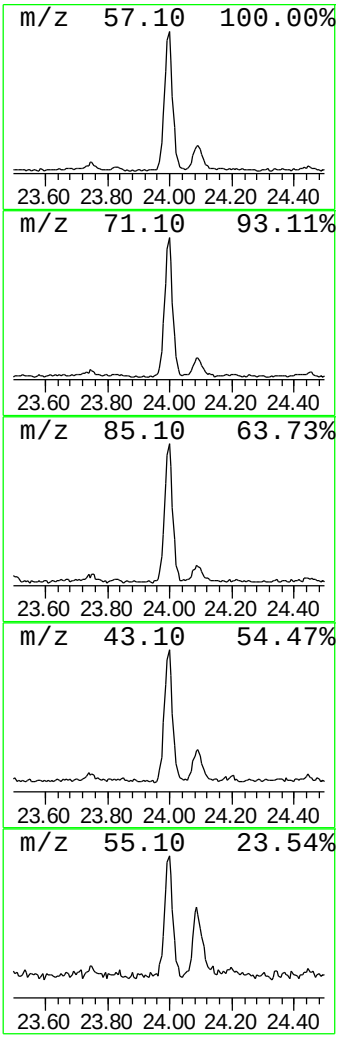
****

Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.70 ng	415571	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Eicosane	282	C20H42	000112-95-8	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031219\
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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	101.8	ng	5268410	1	7.66	1035010	20.0
n-Hexadecanoic acid	17.96	2.1	ng	324238	4	17.07	3031810	20.0
Cyclotetradecane	20.96	4.2	ng	759844	5	21.27	3633180	20.0
Heneicosane	22.29	2.0	ng	364248	5	21.27	3633180	20.0
Heneicosane, 11-(...	22.79	2.7	ng	420563	6	23.50	3075100	20.0
Hexadecane, 5-butyl-	23.36	3.1	ng	477060	6	23.50	3075100	20.0
Heptacosane	24.00	2.7	ng	415571	6	23.50	3075100	20.0