LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

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-BM121518.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	5.128	377	381	393	rBV	96938	161569	6.83%	0.724%
2	6.705	643	649	650	rBV	69020	100367	4.24%	0.450%
3	6.722	650	652	664	rVB	79963	153935	6.51%	0.690%
4	7.040	699	706	717	rBV	163035	271205	11.46%	1.215%
5	7.499	778	784	795	rBV	511421	820875	34.70%	3.679%
6	7.810	829	837	846	rBV	158192	270701	11.44%	1.213%
7	8.669	977	983	992	rBV	94606	187588	7.93%	0.841%
8	9.034	1040	1045	1051	rVB3	17601	23939	1.01%	0.107%
9	10.269	1247	1255	1269	rBV	605775	1142360	48.29%	5.119%
10	12.769	1674	1680	1691	rBV	252601	472556	19.98%	2.118%
11	13.639	1821	1828	1838	rBV	56452	111691	4.72%	0.501%
12	14.157	1909	1916	1929	rBV2	1015053	1575409	66.60%	7.060%
13	15.669	2168	2173	2181	rBV	170140	266101	11.25%	1.192%
14	16.574	2319	2327	2335	rBV3	21570	33824	1.43%	0.152%
15	16.922	2379	2386	2402	rBV2	1160960	1822118	77.03%	8.165%
16	17.833	2536	2541	2554	rBV	696808	1015171	42.91%	4.549%
17	18.980	2731	2736	2738	rBV2	41706	55767	2.36%	0.250%
18	19.004	2738	2740	2744	rVB4	23825	29235	1.24%	0.131%
19	19.127	2756	2761	2774	rBV	471268	733229	31.00%	3.286%
20	19.568	2831	2836	2847	rBV	671025	884729	37.40%	3.965%
21	19.892	2888	2891	2894	rVB	29263	31737	1.34%	0.142%
22	20.392	2972	2976	2980	rBV	91686	100372	4.24%	0.450%
23	20.862	3051	3056	3062	rBV	605962	830279	35.10%	3.721%
24	21.062	3086	3090	3095	rBV	254328	276507	11.69%	1.239%
25	21.139	3097	3103	3110	rBV	1785836	2365608	100.00%	10.601%
26	21.298	3126	3130	3136	rVB	522326	542228	22.92%	2.430%
27	21.721	3197	3202	3210	rBV	868331	999874	42.27%	4.481%
28	22.162	3273	3277	3286	rVB	1026966	1259696	53.25%	5.645%
29	22.645	3355	3359	3365	rVB	906326	1249704	52.83%	5.600%
30	23.186	3445	3451	3457	rVB	726459	1150647	48.64%	5.156%
31	23.298	3464	3470	3483	rVB	1094043	2009991	84.97%	9.007%
32	23.792	3548	3554	3563	rVB	475574	893328	37.76%	4.003%
33	24.486	3667	3672	3680	rVB3	244578	472928	19.99%	2.119%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SW003-01

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-BM121518.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 22315268

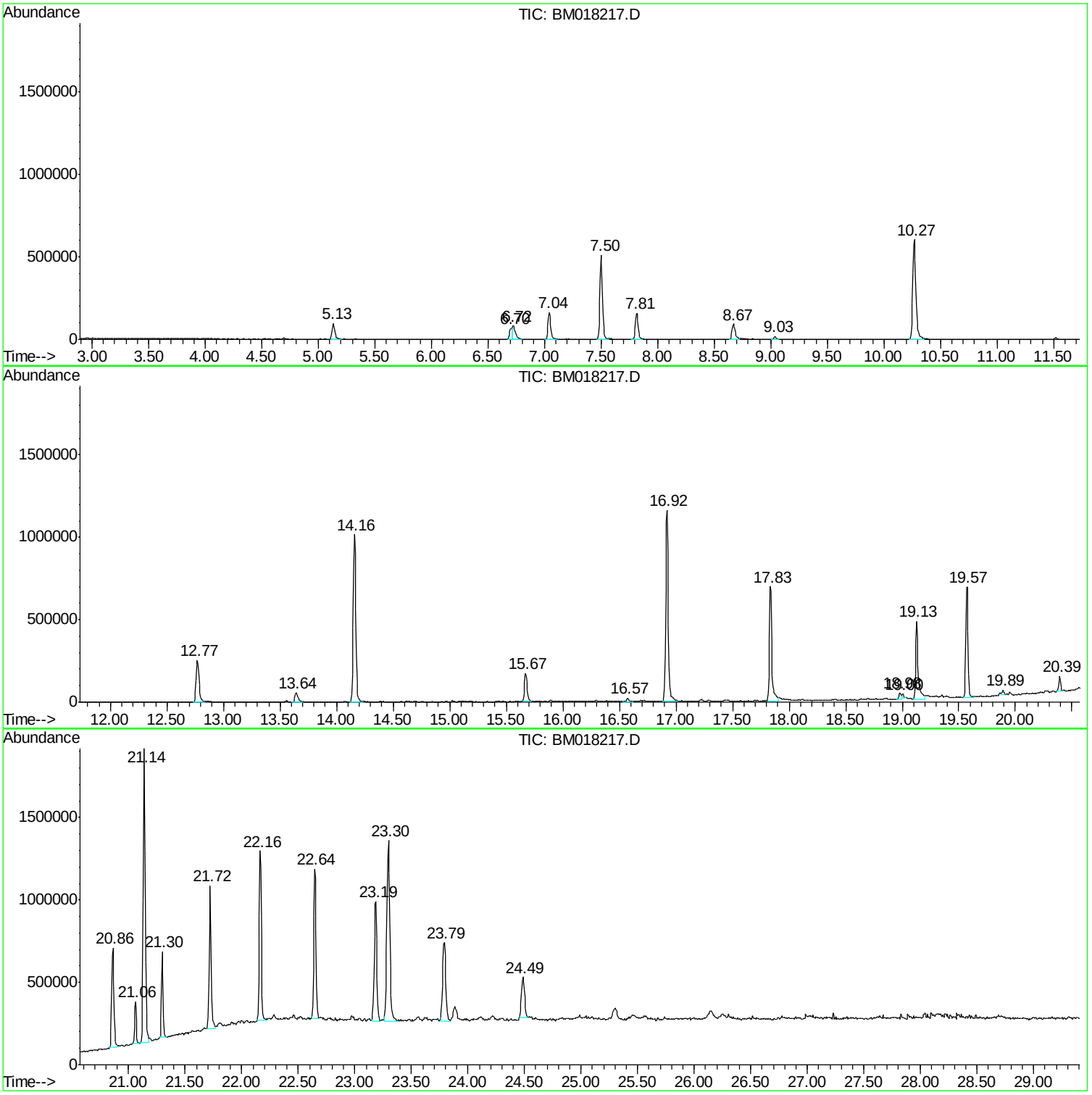
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

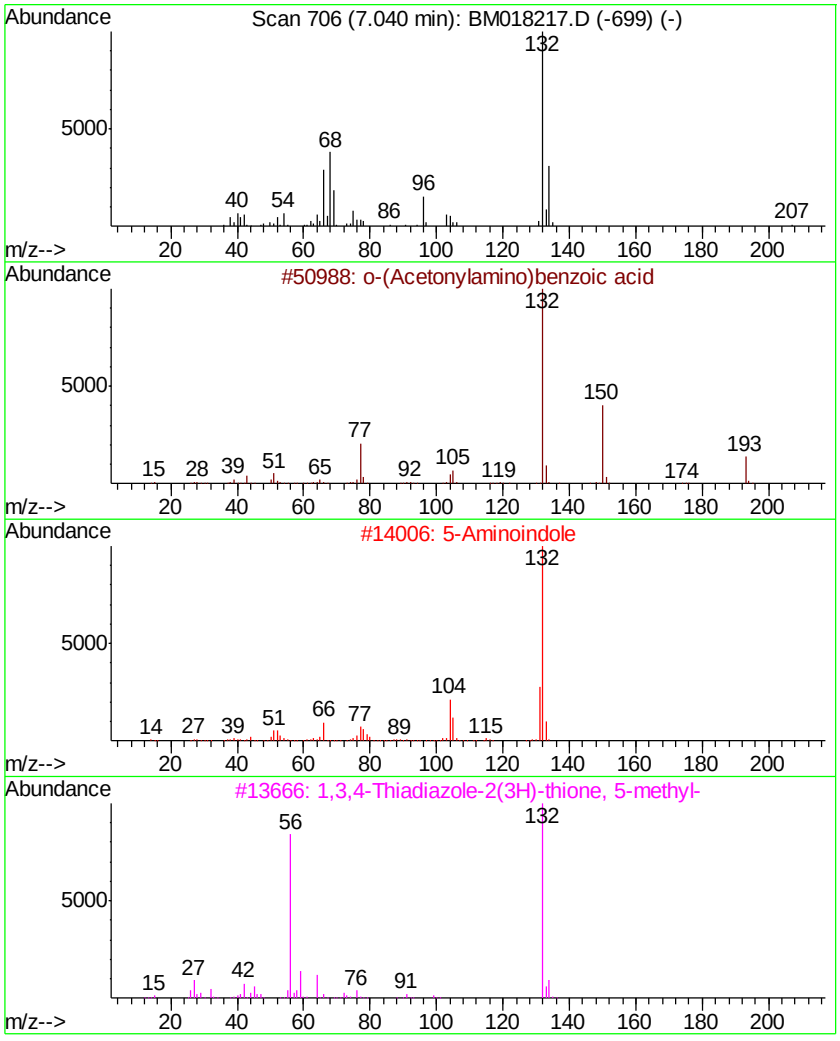
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

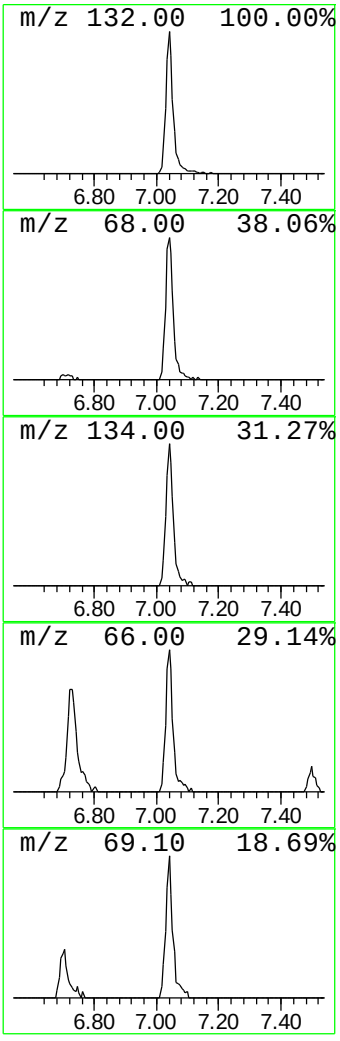
****

Peak Number 1 unknown7.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	6.61 ng	271205	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-(Acetonylamino)benzoic acid	193	C10H11NO3	037144-42-6	10
2	5-Aminoindole	132	C8H8N2	005192-03-0	10
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

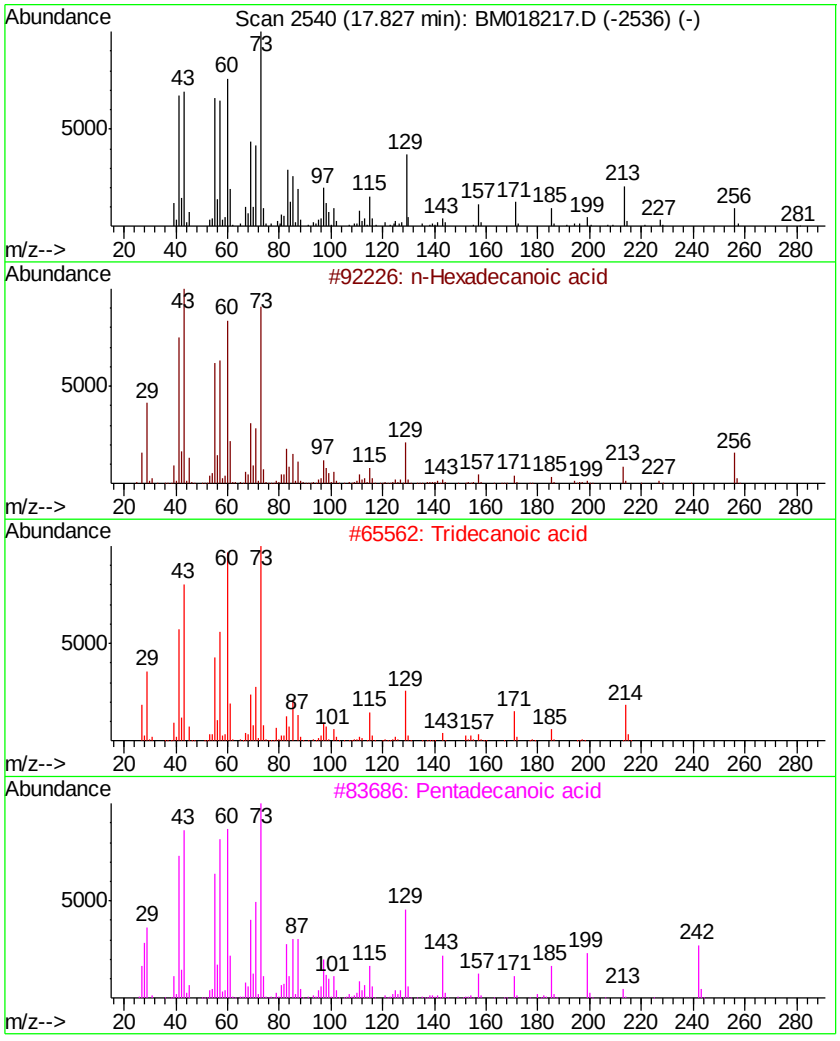
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

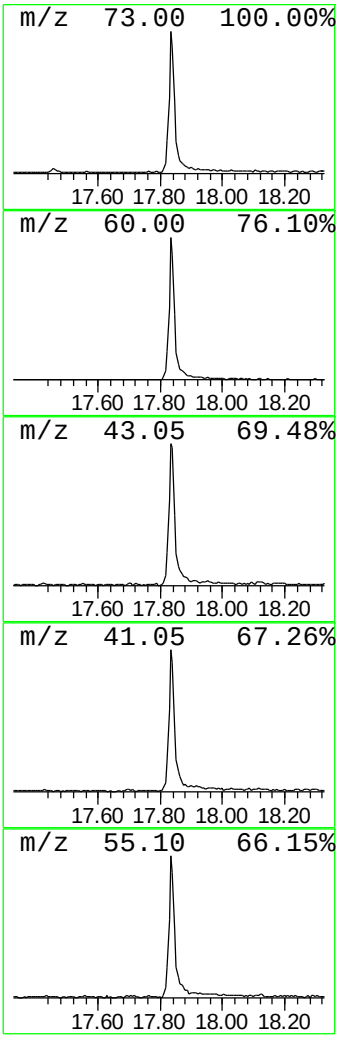
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	11.14 ng	1015170	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30
5	Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	30





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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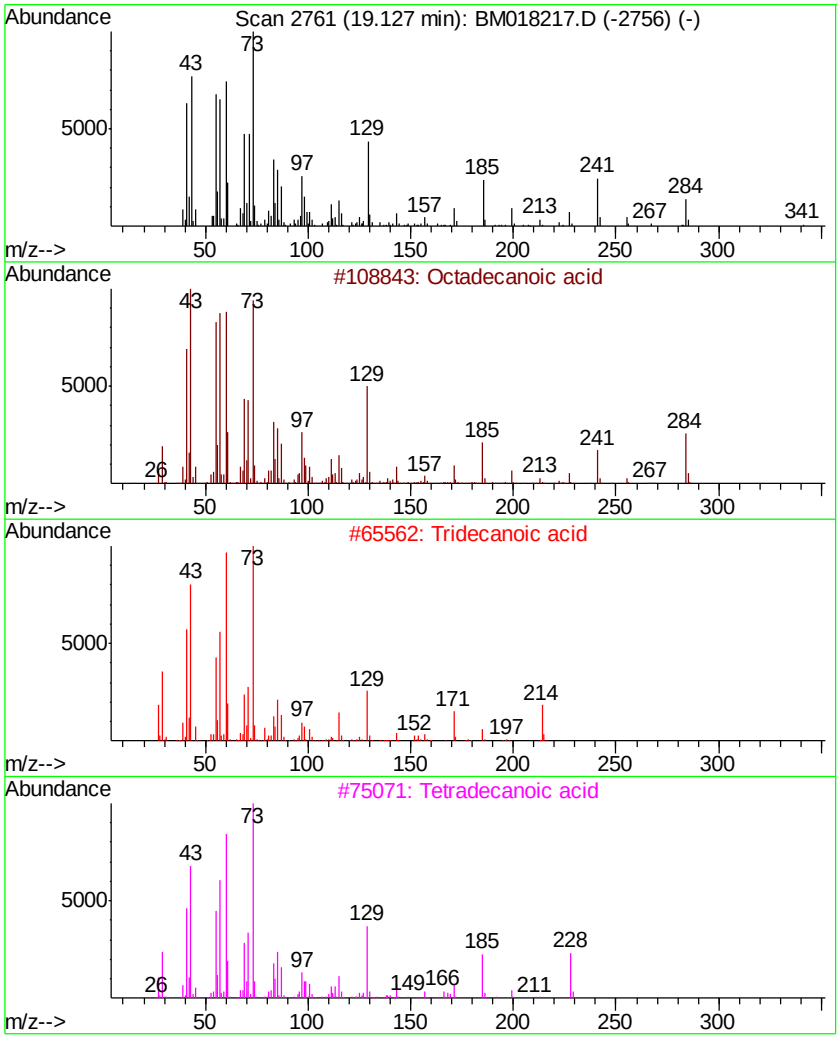
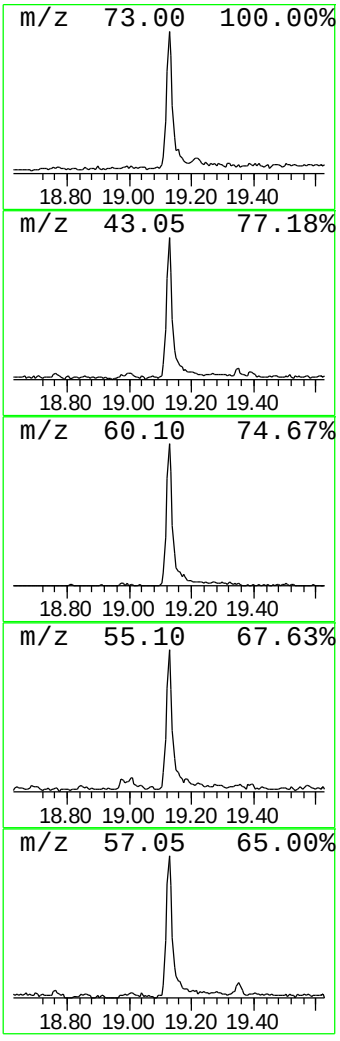
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	6.20 ng	733229	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Eicosane	282	C20H42	000112-95-8	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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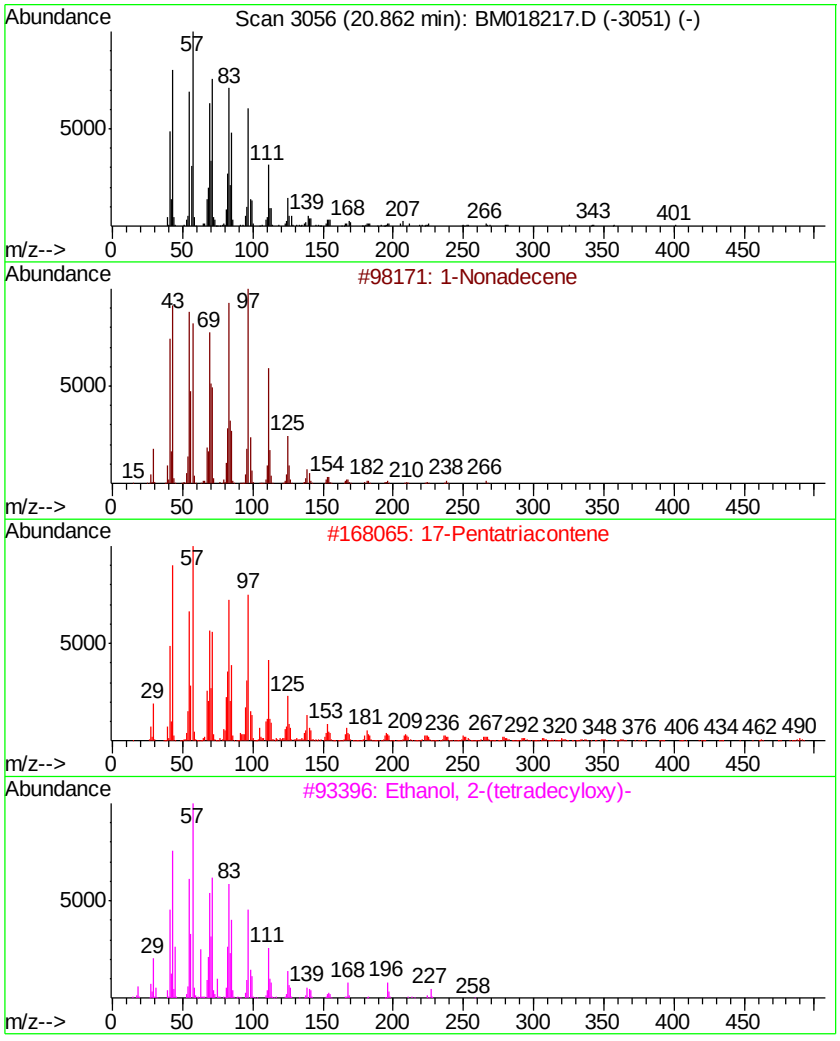
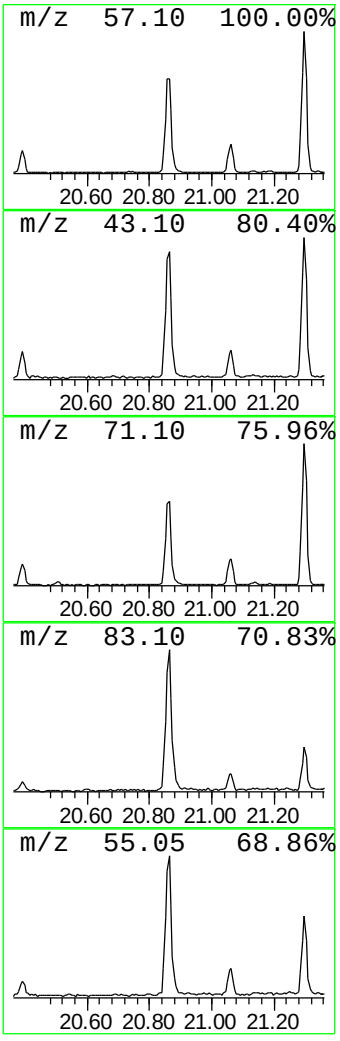
Peak Number 5 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	7.02 ng	830279	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5	Eicosane	282	C20H42	000112-95-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

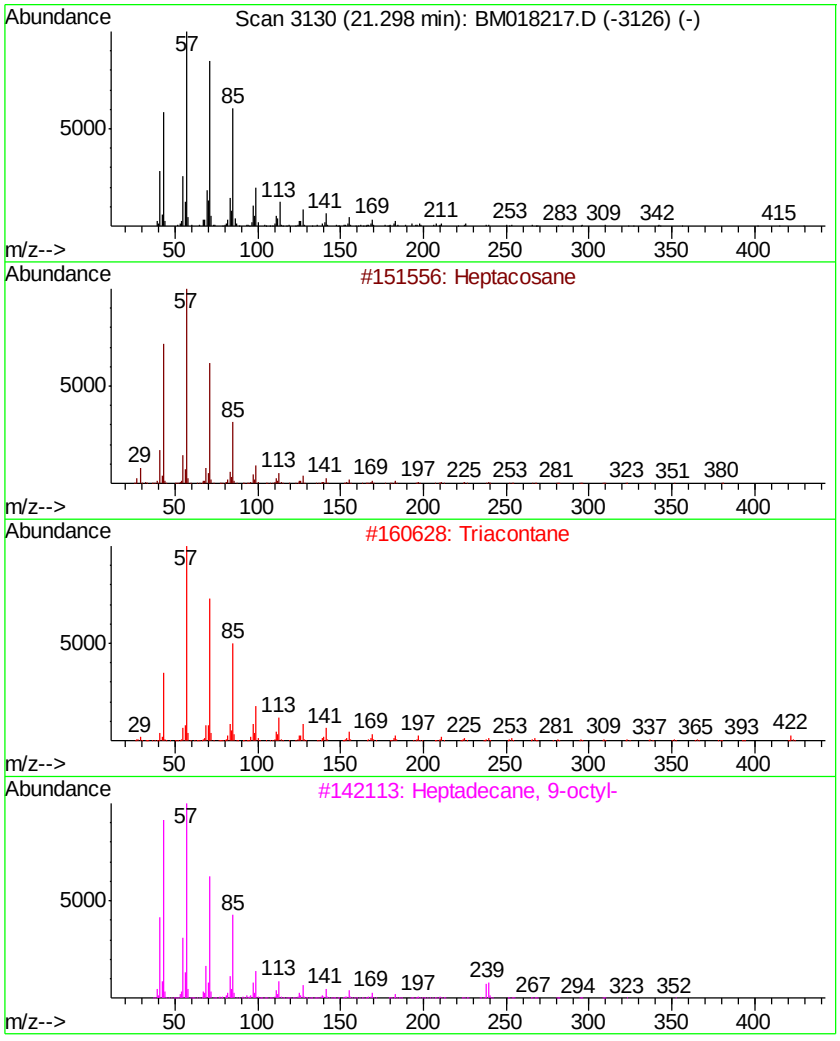
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

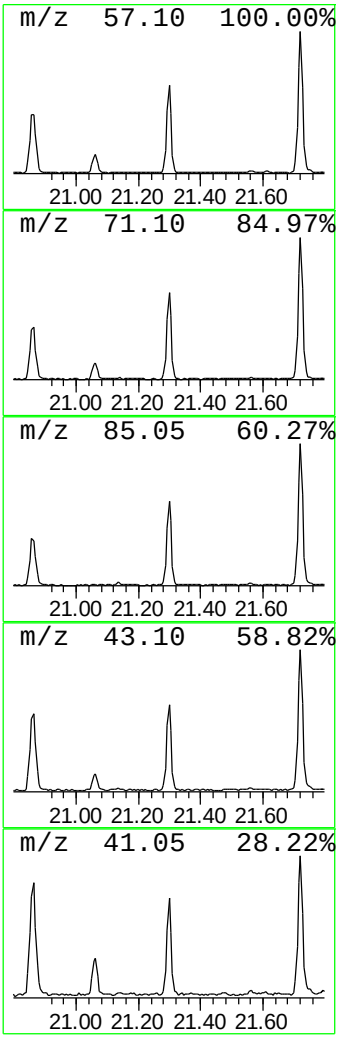
****

Peak Number 6 Heptacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	4.58 ng	542228	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

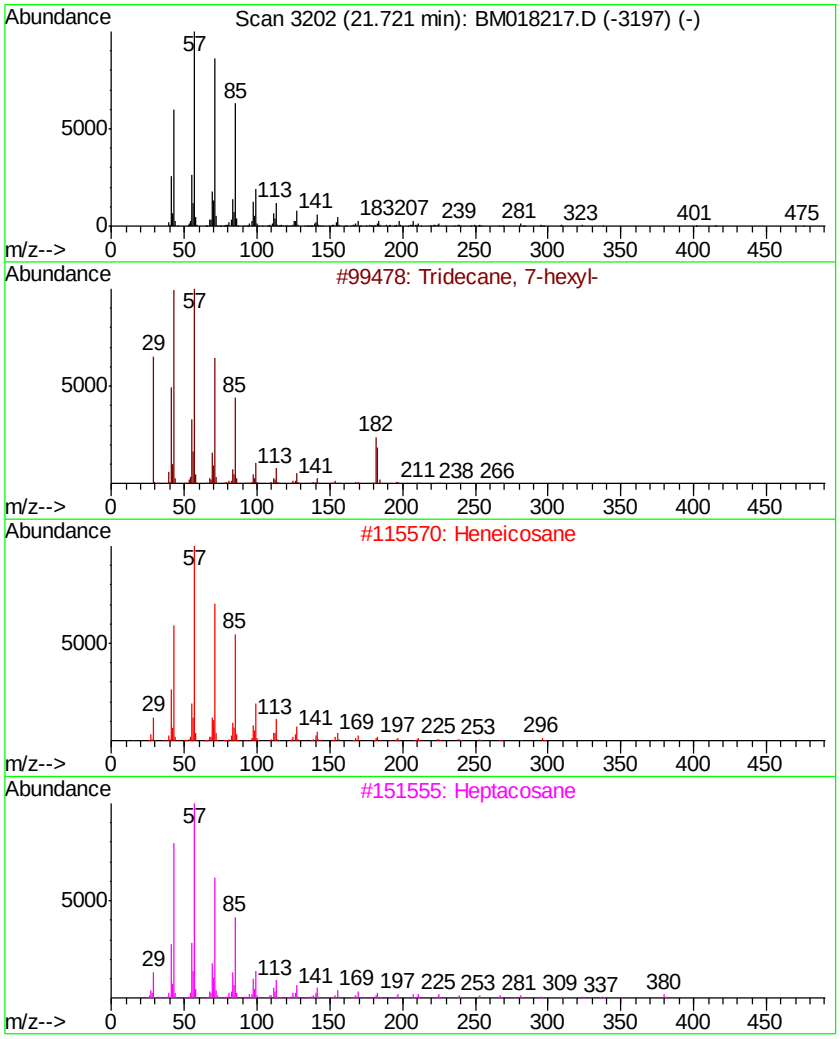
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

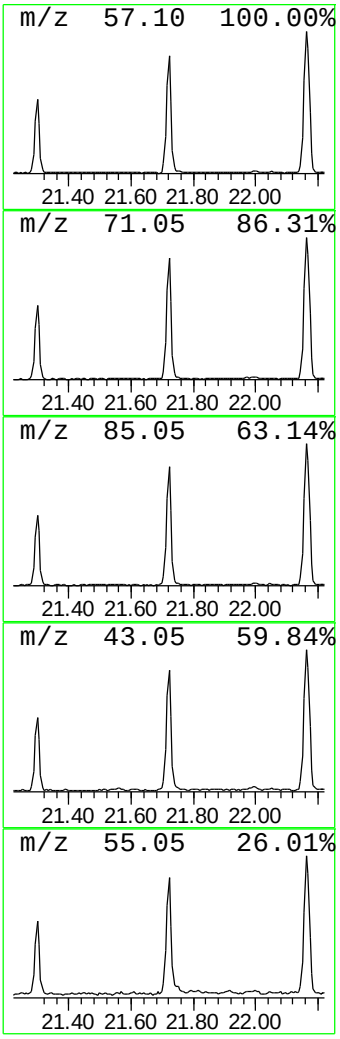
****

Peak Number 7 Tridecane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	8.45 ng	999874	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Octadecane	254	C18H38	000593-45-3	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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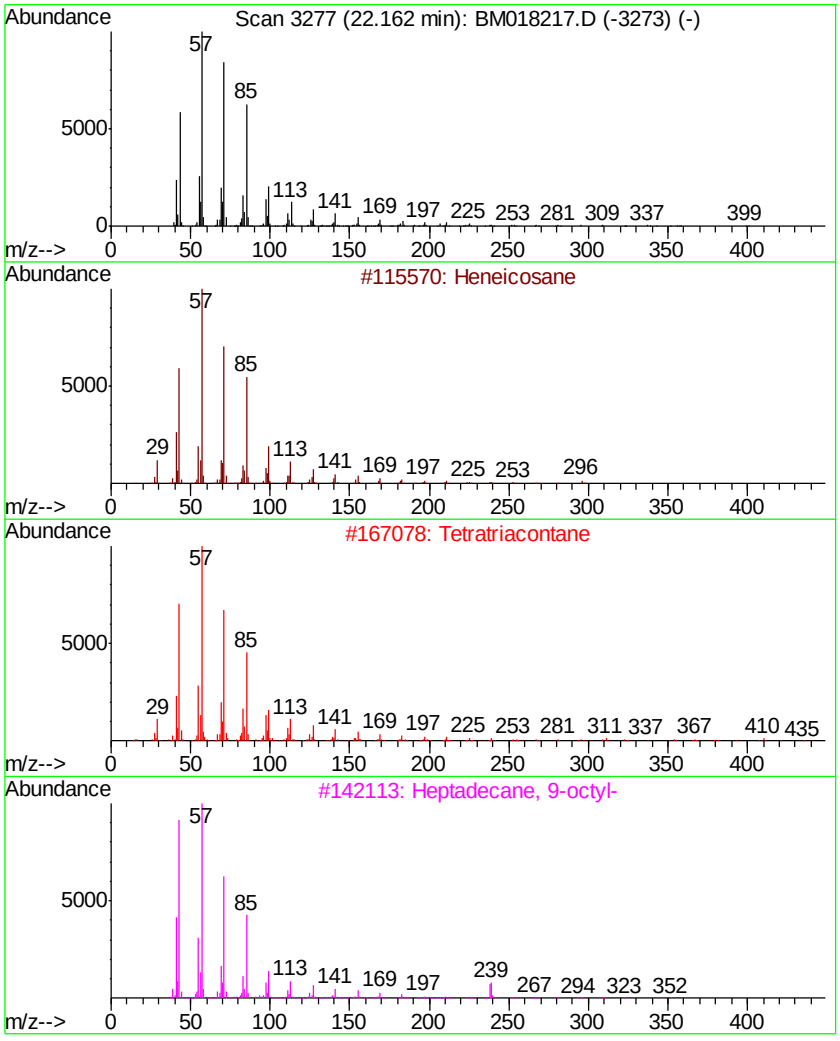
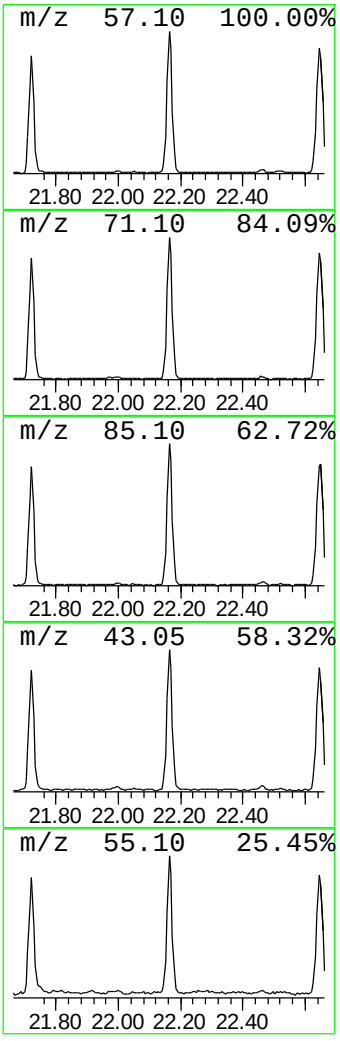
Peak Number 8 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	10.65 ng	1259700	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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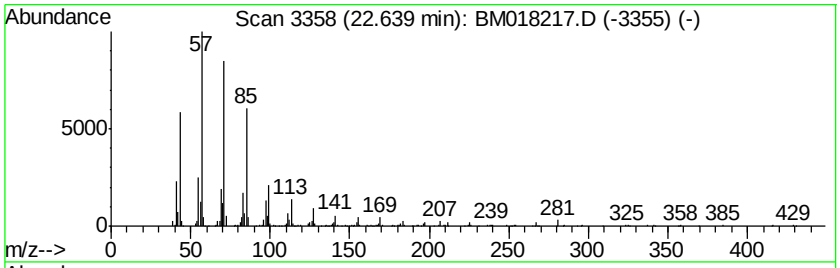
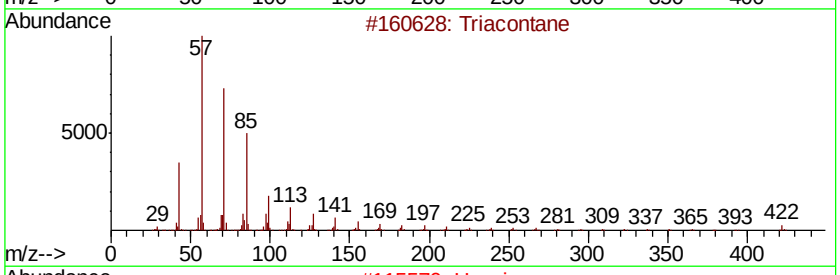
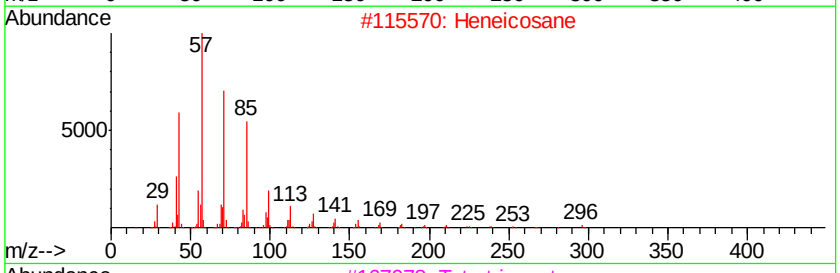
Peak Number 9 Triacontane Concentration Rank 1

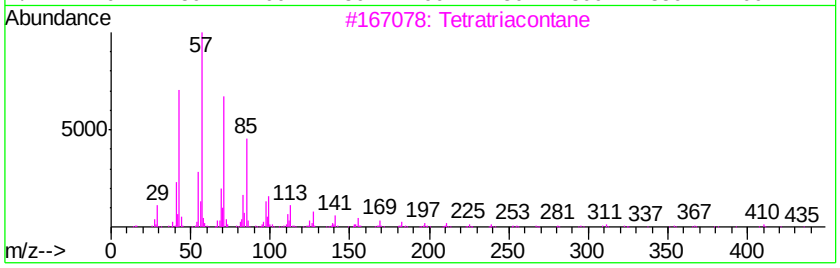
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	12.43 ng	1249700	Perylene-d12	23.30

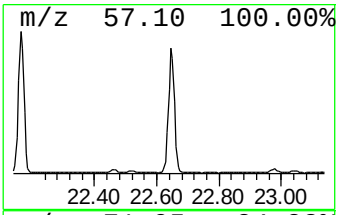
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91

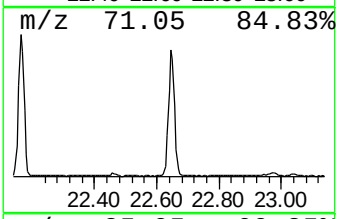


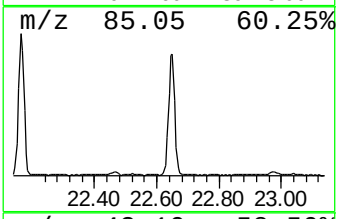


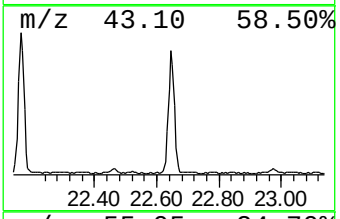


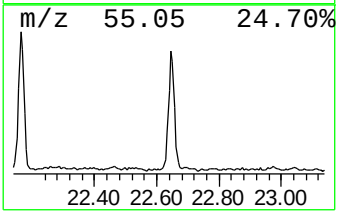












Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

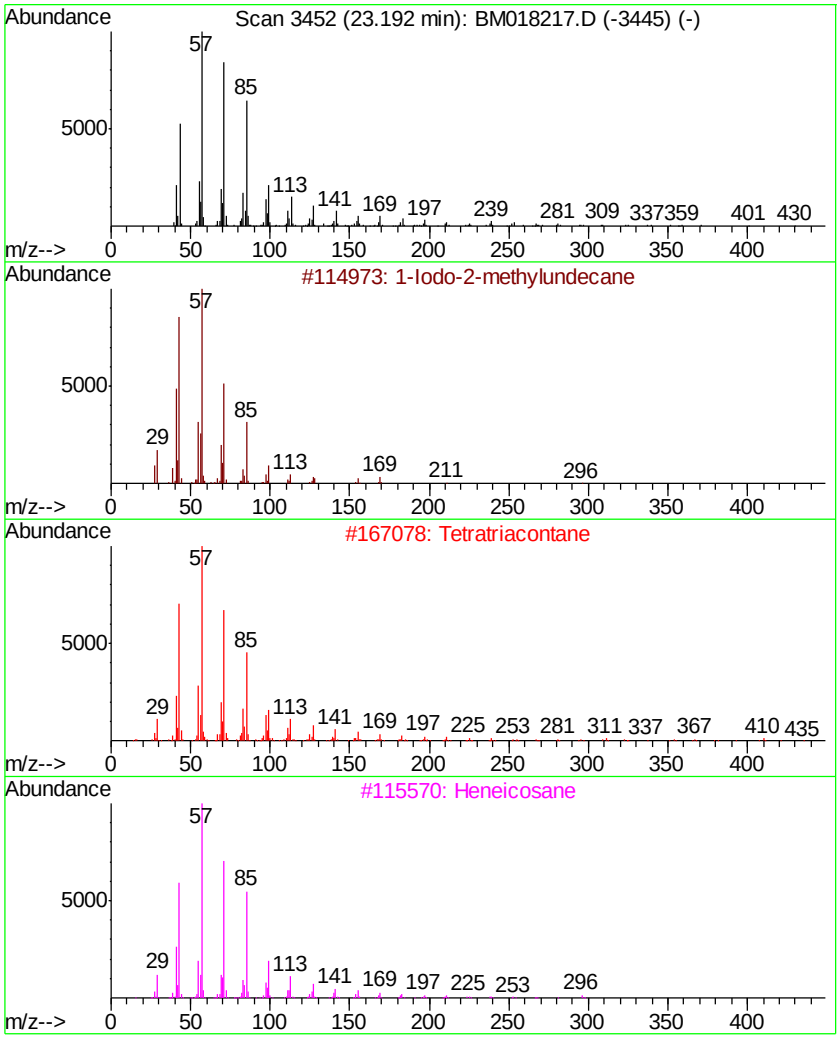
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

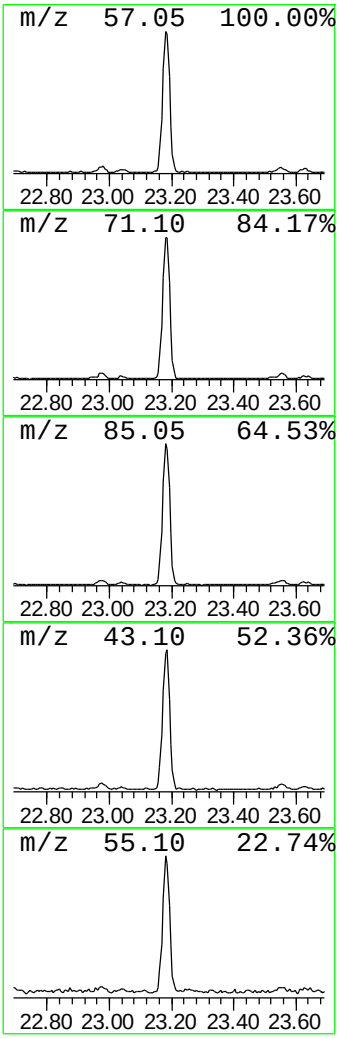
****

Peak Number 10 1-Iodo-2-methylundecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	11.45 ng	1150650	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Tetratriacontane	479	C34H70	014167-59-0	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121518\
Data File : BM018217.D
Acq On : 15 Dec 2018 23:12
Operator : JU/SJ
Sample : J6347-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SW003-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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
unknown7.04	7.04	6.6	ng	271205	1	7.50	820875	20.0
n-Hexadecanoic acid	17.83	11.1	ng	1015170	4	16.92	1822120	20.0
Octadecanoic acid	19.13	6.2	ng	733229	5	21.14	2365610	20.0
1-Nonadecene	20.86	7.0	ng	830279	5	21.14	2365610	20.0
Heptacosane	21.30	4.6	ng	542228	5	21.14	2365610	20.0
Tridecane, 7-hexyl-	21.72	8.4	ng	999874	5	21.14	2365610	20.0
Heneicosane	22.16	10.7	ng	1259700	5	21.14	2365610	20.0
Triacontane	22.64	12.4	ng	1249700	6	23.30	2009990	20.0
1-Iodo-2-methylun...	23.19	11.4	ng	1150650	6	23.30	2009990	20.0