LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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	4.693	302	307	316	rBV	120754	166759	2.41%	0.278%
2	5.128	375	381	387	rBV	3388439	4866548	70.40%	8.107%
3	5.181	387	390	401	rVB	316763	468157	6.77%	0.780%
4	6.698	641	648	668	rBV	3165982	5443423	78.75%	9.068%
5	7.040	698	706	720	rBV	3610847	5471630	79.15%	9.115%
6	7.498	777	784	794	rBV	608297	975750	14.12%	1.625%
7	7.810	830	837	851	rVB	2561666	4018924	58.14%	6.695%
8	8.657	973	981	1002	rBV	1924930	3186431	46.10%	5.308%
9	9.610	1130	1143	1151	rBV	174272	459493	6.65%	0.765%
10	10.263	1247	1254	1270	rBV	697345	1249728	18.08%	2.082%
11	12.763	1672	1679	1690	rBV	4834548	6912593	100.00%	11.515%
12	13.627	1819	1826	1838	rBV	202115	319424	4.62%	0.532%
13	14.157	1909	1916	1931	rVB2	982684	1533102	22.18%	2.554%
14	15.663	2165	2172	2182	rBV	3431645	4750747	68.73%	7.914%
15	16.915	2379	2385	2392	rBV2	1031808	1535262	22.21%	2.557%
16	17.833	2535	2541	2559	rBV	441934	663598	9.60%	1.105%
17	19.127	2756	2761	2767	rBV2	104766	160081	2.32%	0.267%
18	19.574	2831	2837	2846	rBV	4927040	6226132	90.07%	10.371%
19	19.892	2888	2891	2895	rVB	110486	127049	1.84%	0.212%
20	20.392	2971	2976	2980	rBV3	63644	71526	1.03%	0.119%
21	20.533	2996	3000	3004	rBV3	70945	85946	1.24%	0.143%
22	20.862	3051	3056	3065	rBV	709164	933923	13.51%	1.556%
23	20.968	3070	3074	3082	rVV	359689	492022	7.12%	0.820%
24	21.139	3098	3103	3111	rBV	1120162	1575741	22.80%	2.625%
25	21.209	3112	3115	3118	rVB4	74795	92146	1.33%	0.153%
26	21.297	3128	3130	3135	rVB2	59138	74658	1.08%	0.124%
27	21.427	3149	3152	3157	rVV3	119440	139046	2.01%	0.232%
28	21.721	3199	3202	3204	rBV	248084	280612	4.06%	0.467%
29	21.745	3204	3206	3214	rVB2	242408	349321	5.05%	0.582%
30	21.886	3226	3230	3234	rBV	135848	183394	2.65%	0.305%
31	22.286	3295	3298	3306	rVB	127665	160875	2.33%	0.268%
32	22.392	3312	3316	3322	rVB2	217558	303481	4.39%	0.506%
33	22.650	3355	3360	3365	rBV	864487	1167887	16.90%	1.945%
34	22.703	3365	3369	3376	rVB3	201247	329688	4.77%	0.549%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

35	23.297	3465	3470	3484	rVB2	752089	1480346	21.42%	2.466%
36	23.486	3497	3502	3513	rVB	642816	1069737	15.48%	1.782%
37	23.791	3549	3554	3562	rVB	322108	580203	8.39%	0.966%
38	23.886	3566	3570	3580	rVB2	220821	450434	6.52%	0.750%
39	24.909	3740	3744	3755	rVB3	347338	739189	10.69%	1.231%
40	26.856	4068	4075	4084	rBV5	316385	937003	13.56%	1.561%

Sum of corrected areas: 60032009

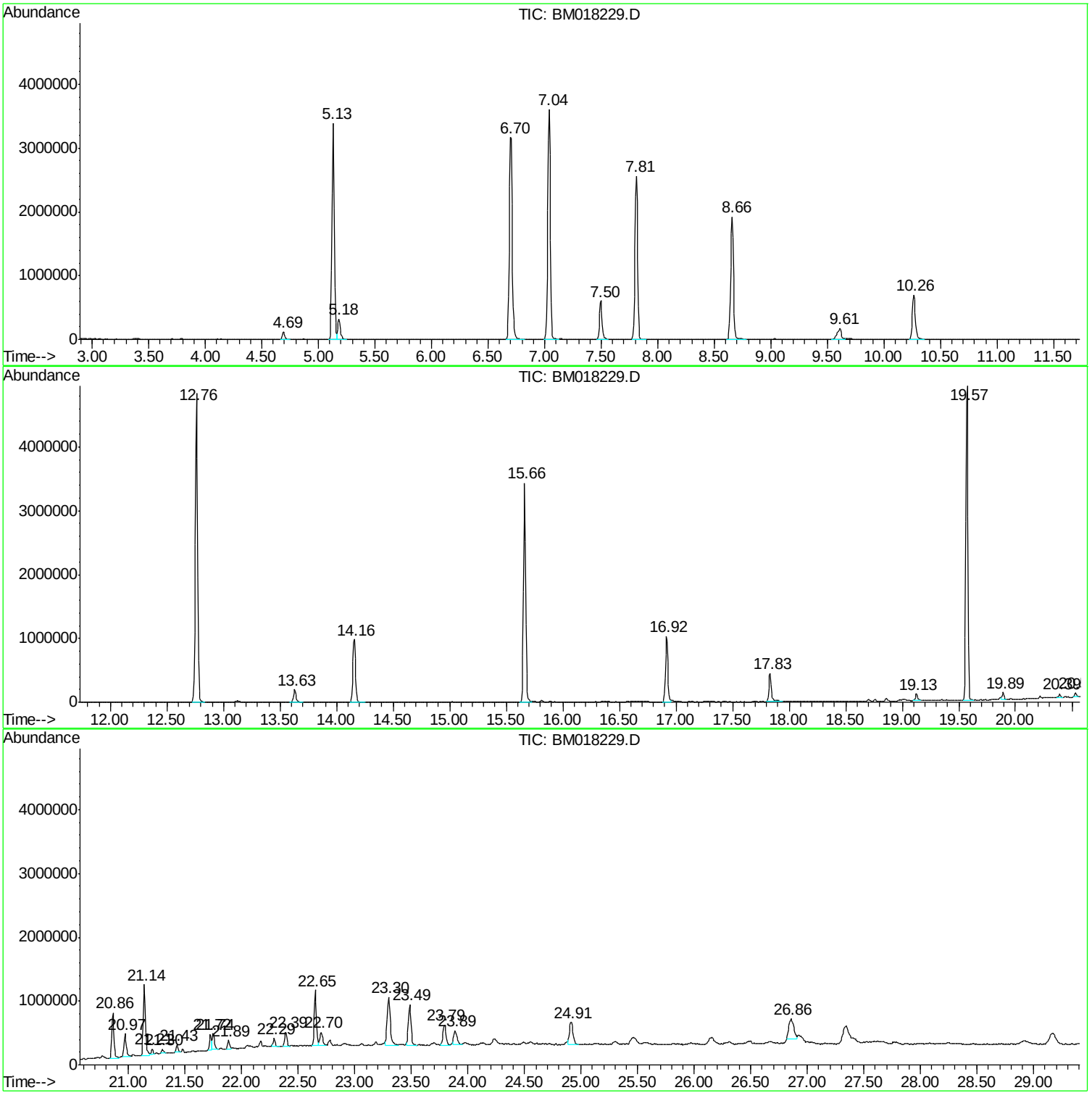
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

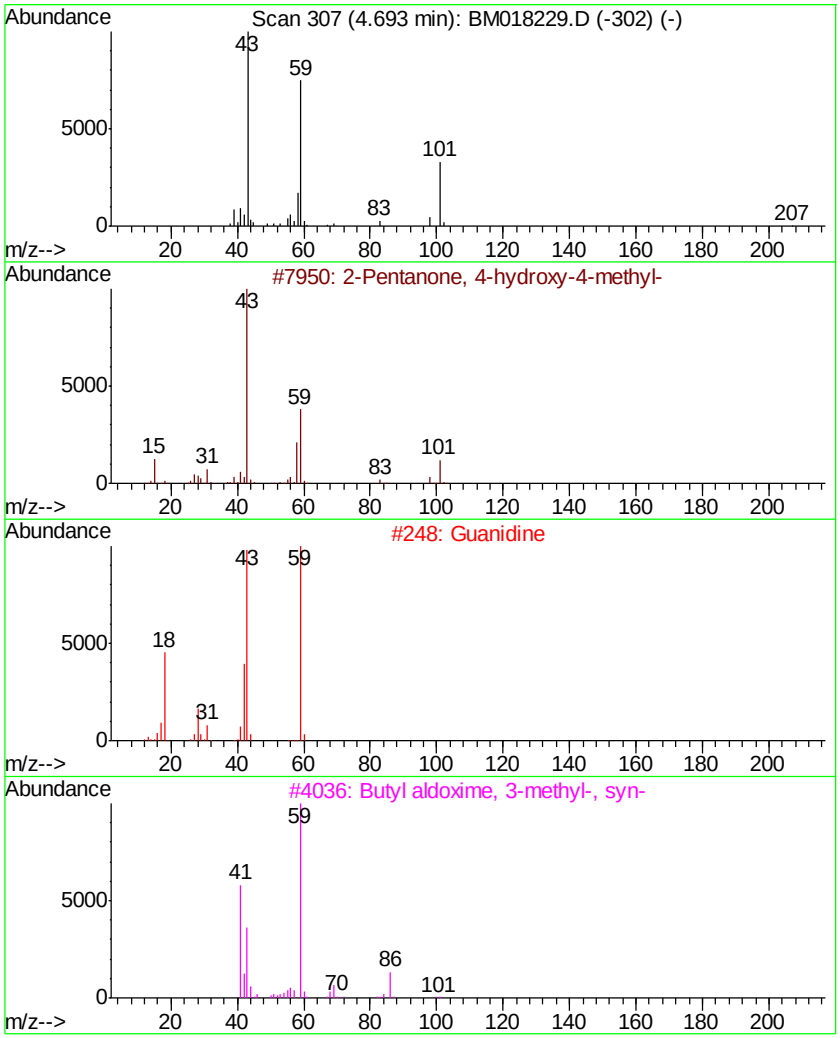
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

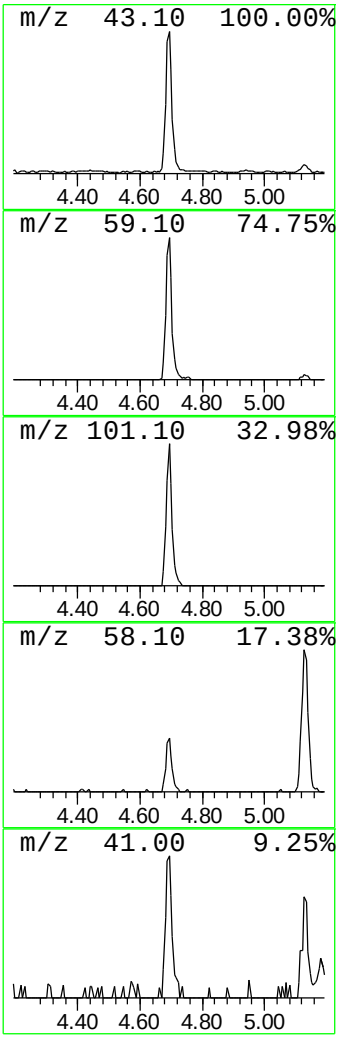
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	3.42 ng	166759	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Guanidine	59	CH5N3	000113-00-8	50
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	28
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	28
5	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	28





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

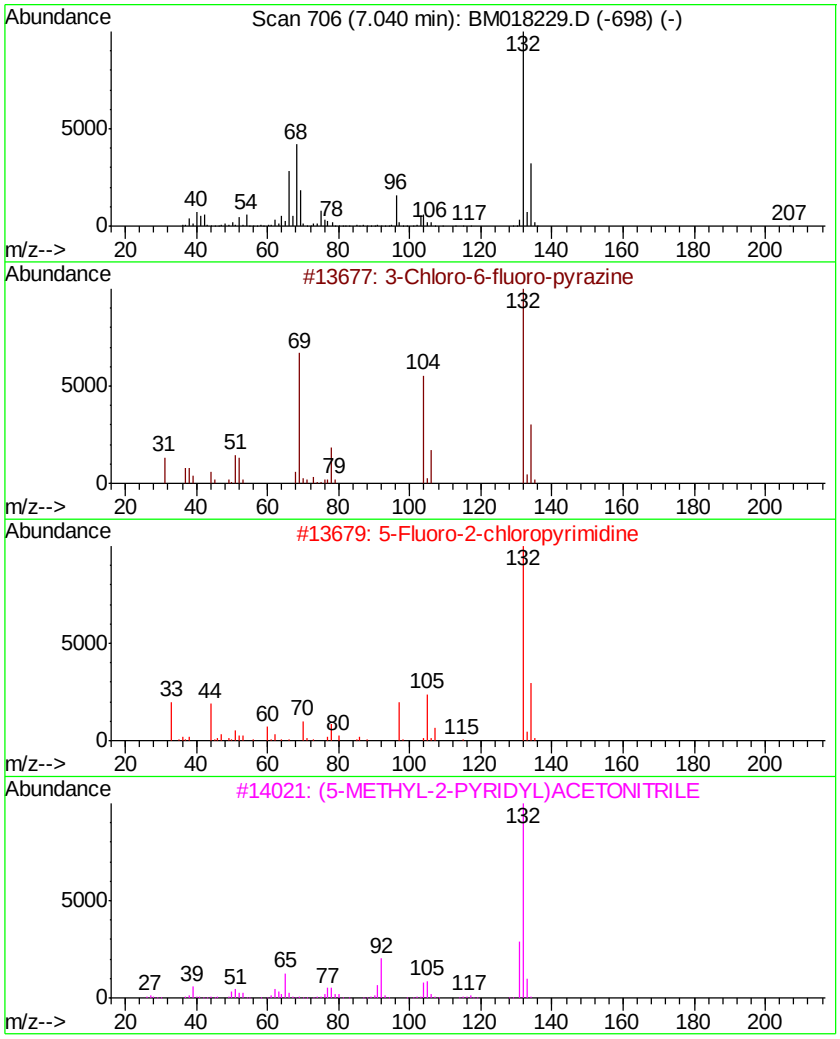
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

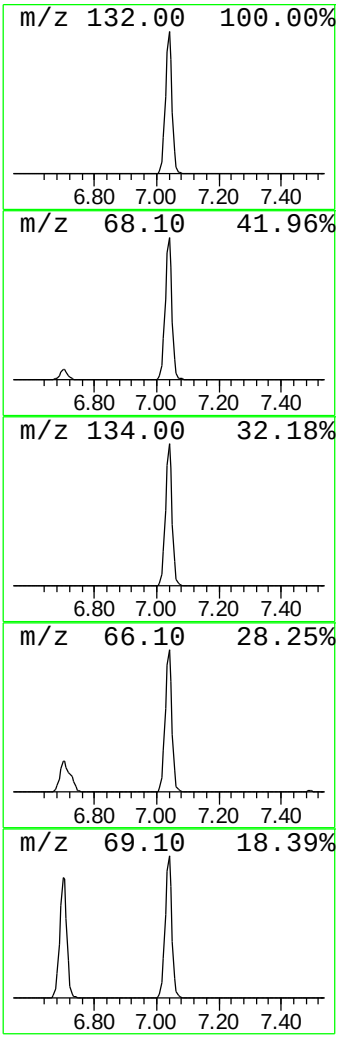
****

Peak Number 2 unknown7.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	112.15 ng	5471630	1,4-Dichlorobenzene-d4	7.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
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	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

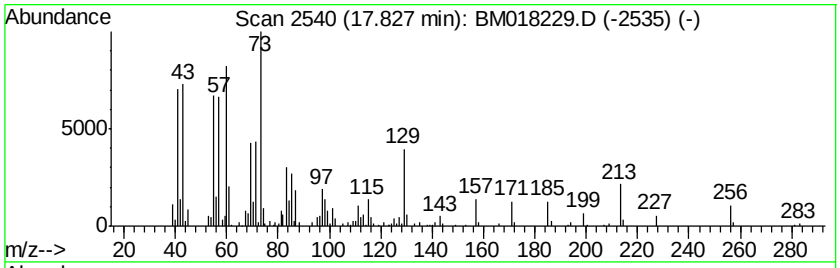
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

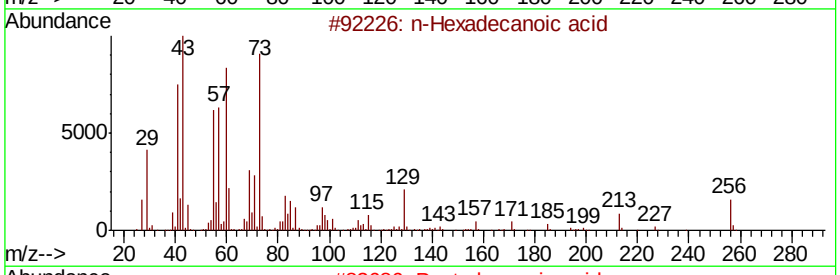
****

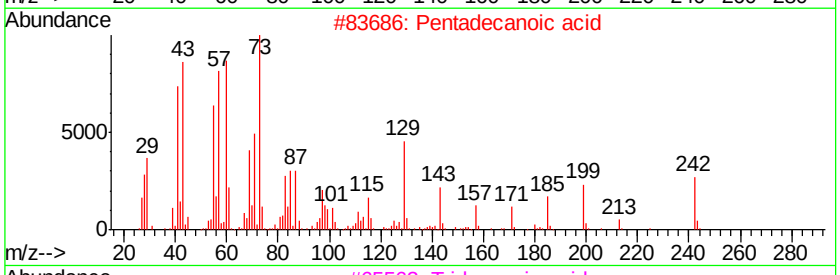
Peak Number 4 n-Hexadecanoic acid Concentration Rank 8

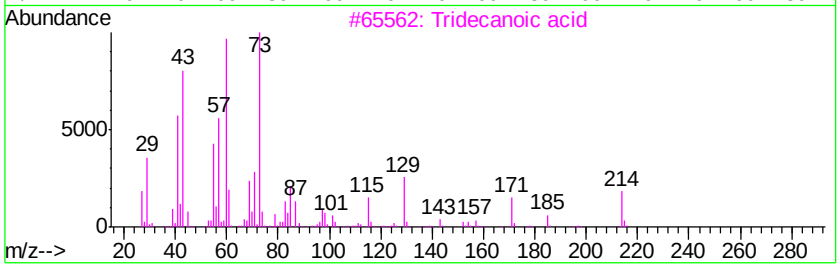
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	8.64 ng	663598	Phenanthrene-d10	16.92

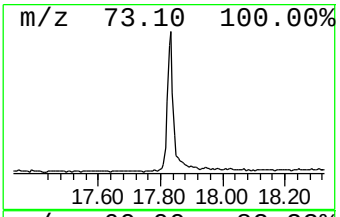
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	18

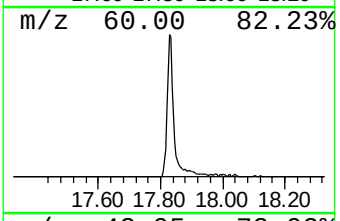


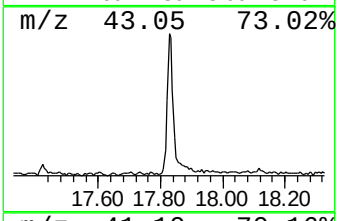


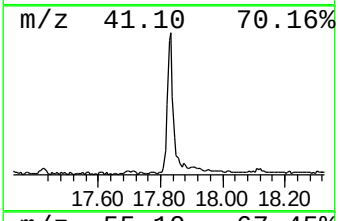


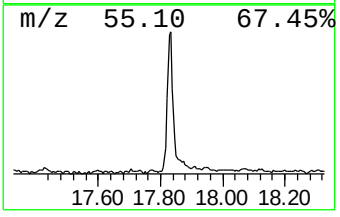












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

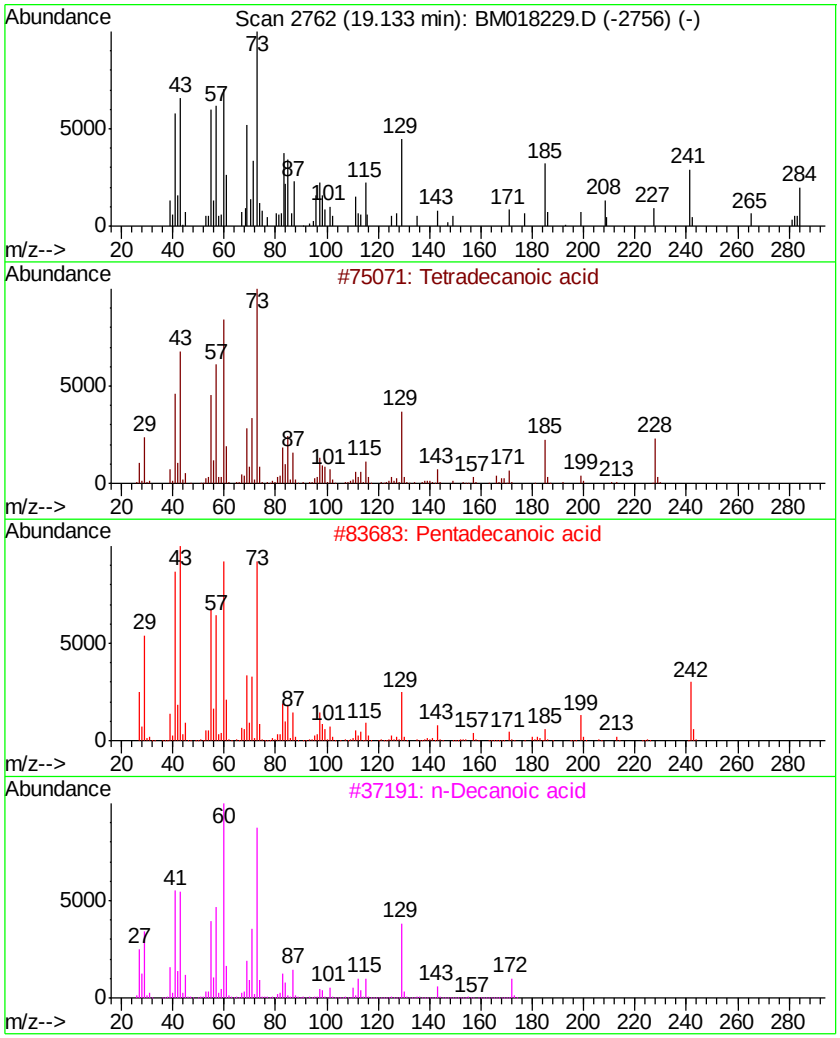
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

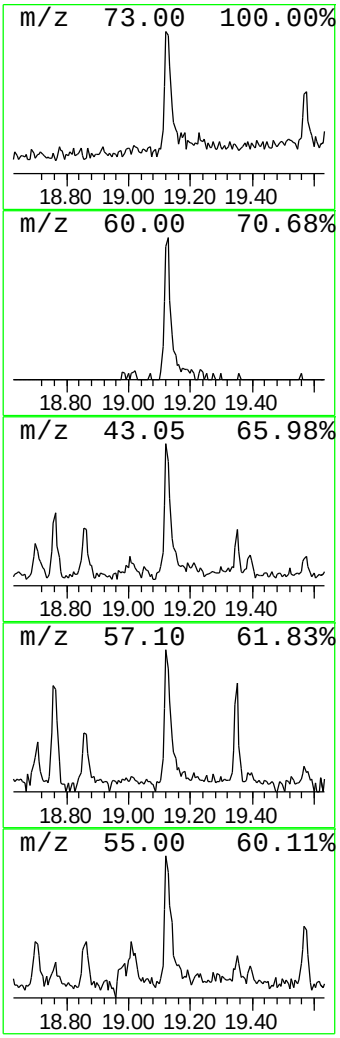
****

Peak Number 5 Tetradecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.03 ng	160081	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3	n-Decanoic acid	172	C10H20O2	000334-48-5	55
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

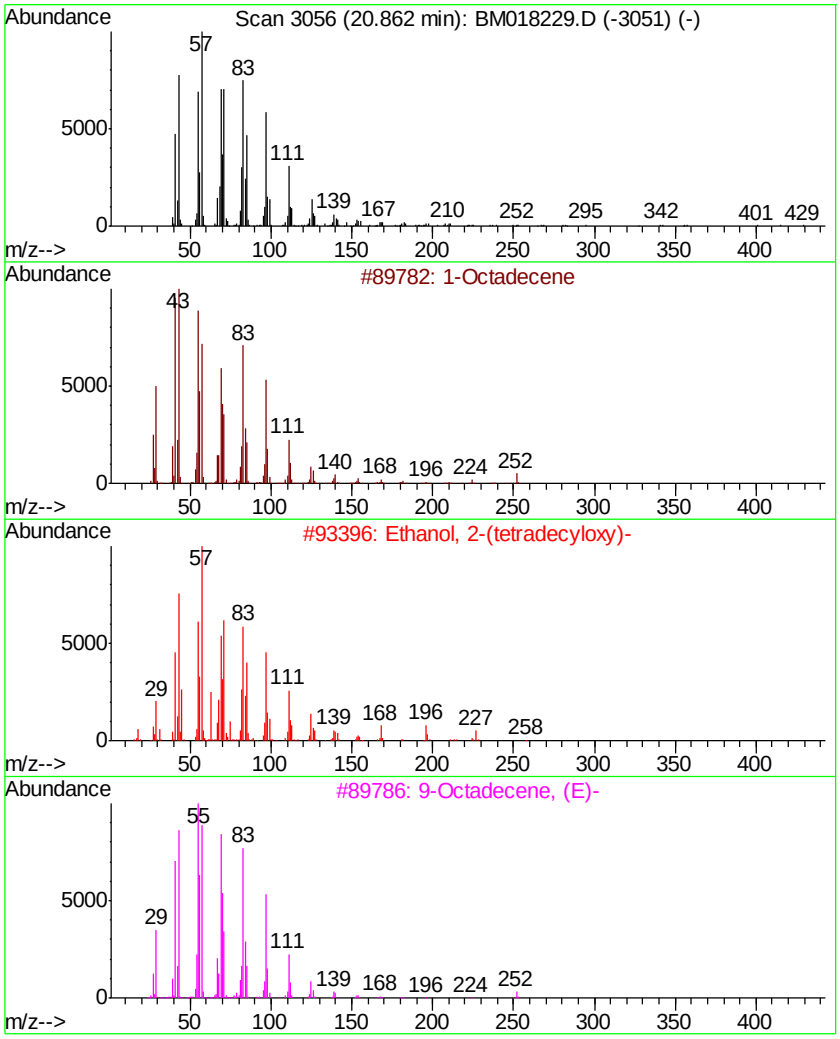
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

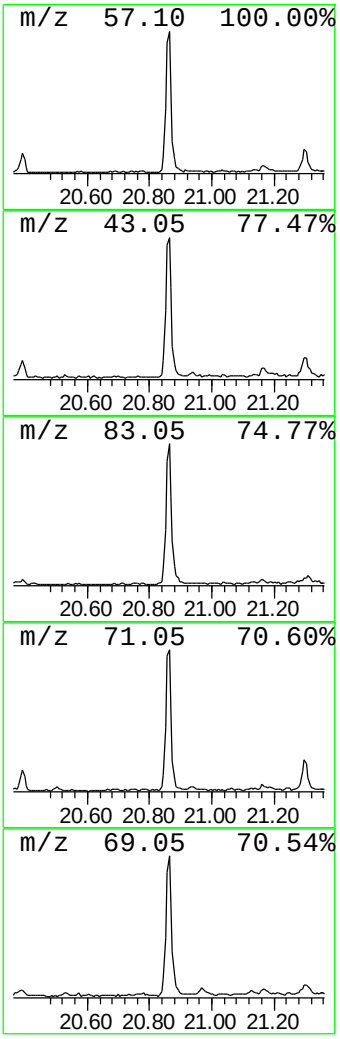
****

Peak Number 6 1-Octadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	11.85 ng	933923	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	86
4	2-Methyl-7-nonadecene	280	C20H40	219750-68-2	86
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

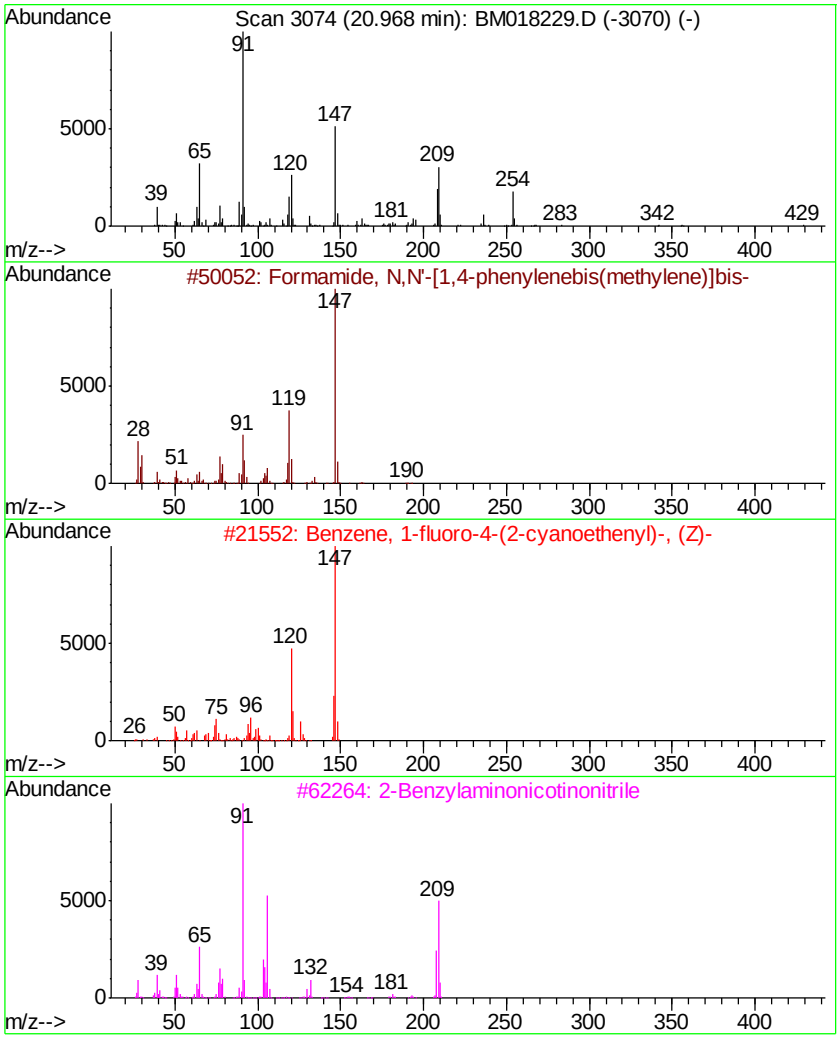
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

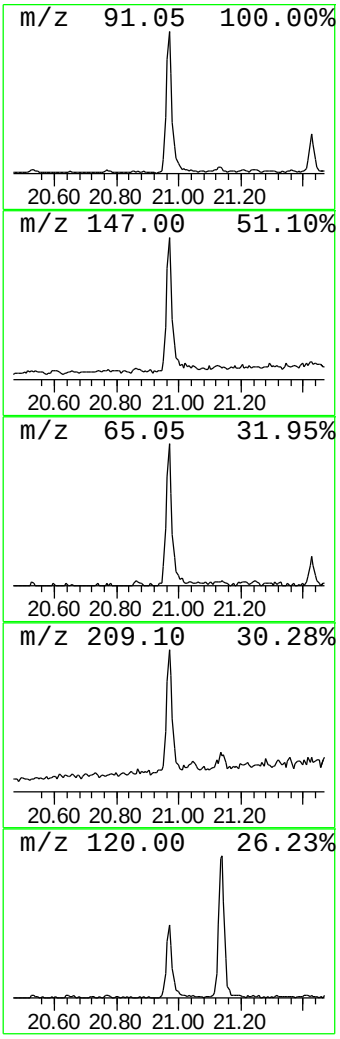
****

Peak Number 7 unknown20.97 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.24 ng	492022	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N'-[1,4-phenylenebi...	192	C10H12N2O2	112343-44-9	35
2	Benzene, 1-fluoro-4-(2-cyanoethe...	147	C9H6FN	071750-12-4	30
3	2-Benzylaminonicotinonitrile	209	C13H11N3	050351-72-9	25
4	2,4,6-Trimethyl-N-(5-methyl-2-py...	254	C16H18N2O	1000224-25-5	25
5	1-Cyclohexen, 1-cyano-4-isoprope...	147	C10H13N	1000126-45-8	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121618\
Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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

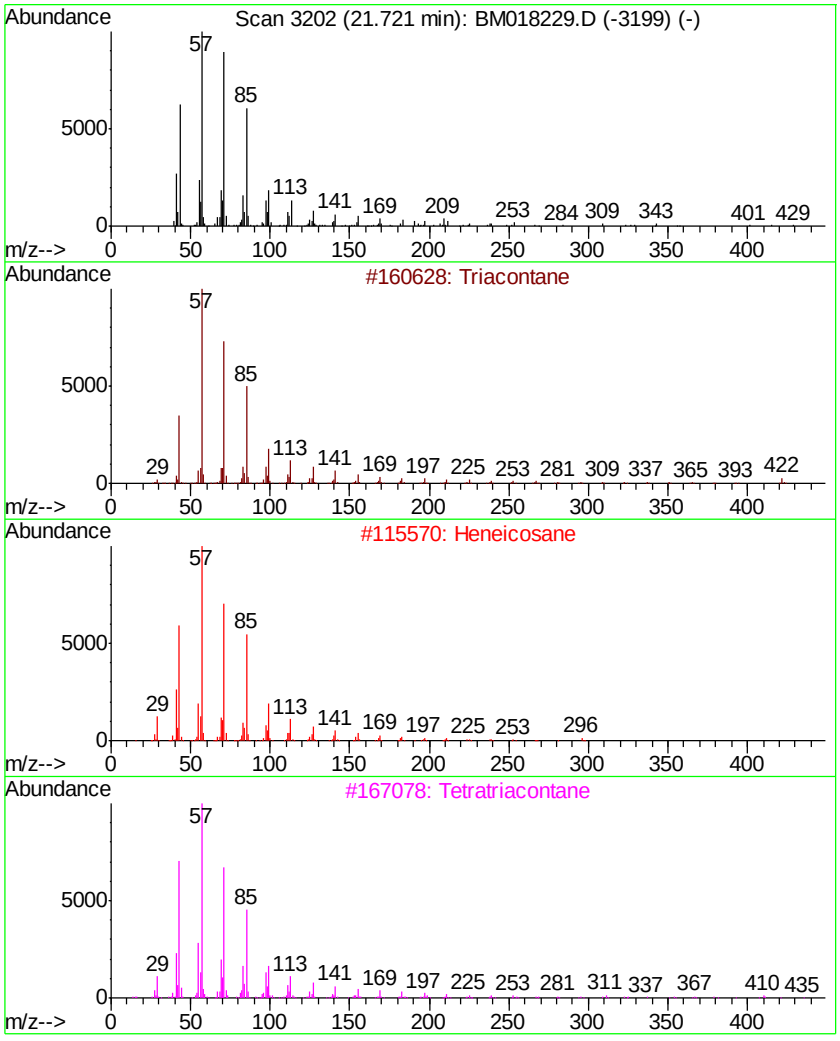
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

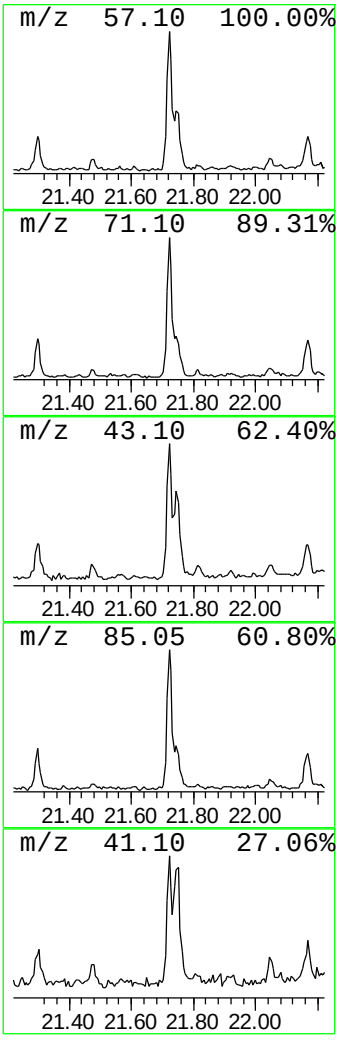
****

Peak Number 8 Triacontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	3.56 ng	280612	Chrysene-d12	21.14

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	Nonacosane	408	C29H60	000630-03-5	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

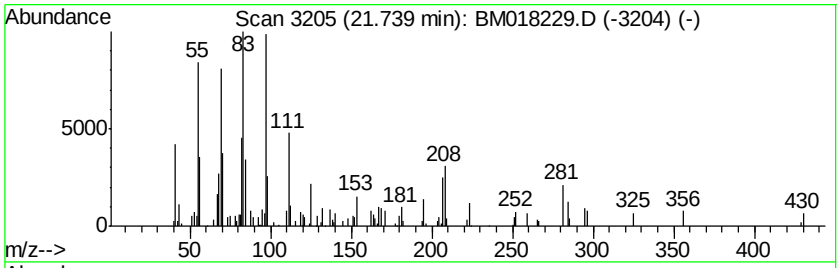
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

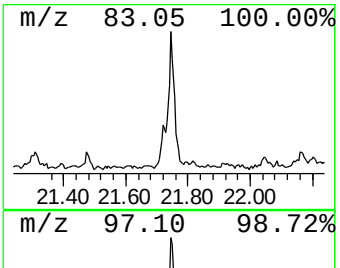
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 2-Thiopheneacetic acid, 2-e... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.74	4.43 ng	349321	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-ethylc...	252	C14H20O2S	1000278-96-1	60
2	Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	59
3	Cyclopentane, decyl-	210	C15H30	001795-21-7	46
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46
5	Cyclopentane, undecyl-	224	C16H32	006785-23-5	43





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Sample : J6377-14
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Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

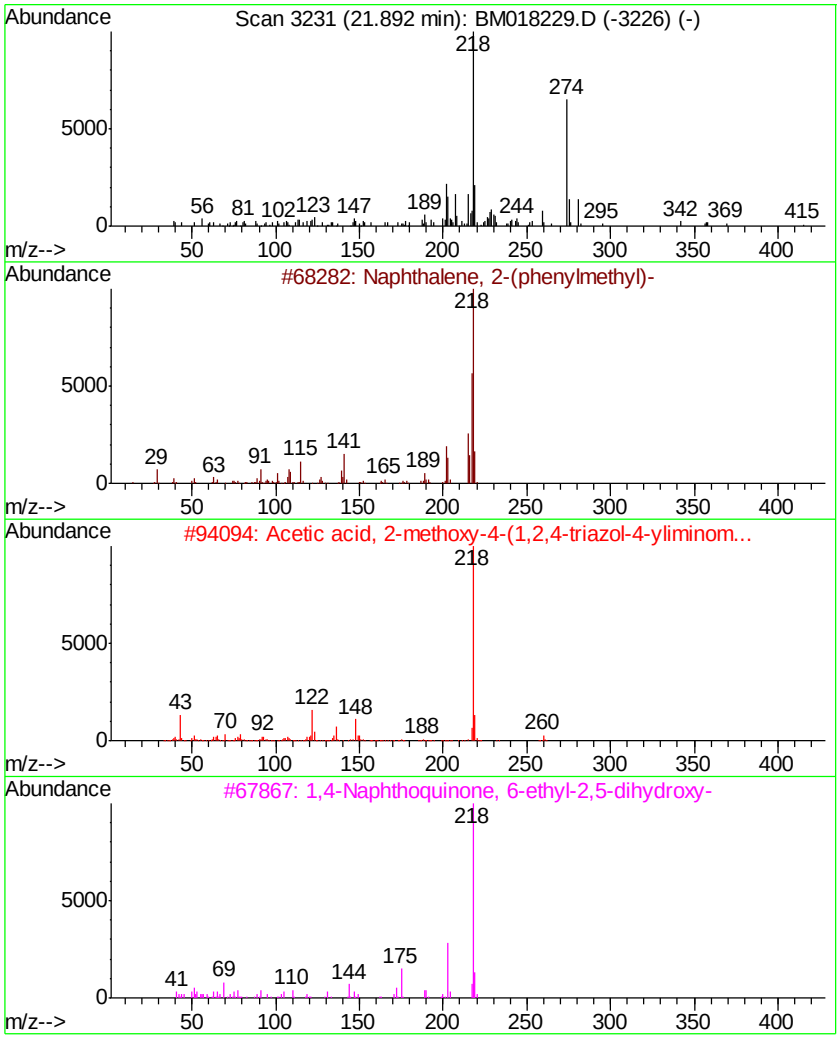
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

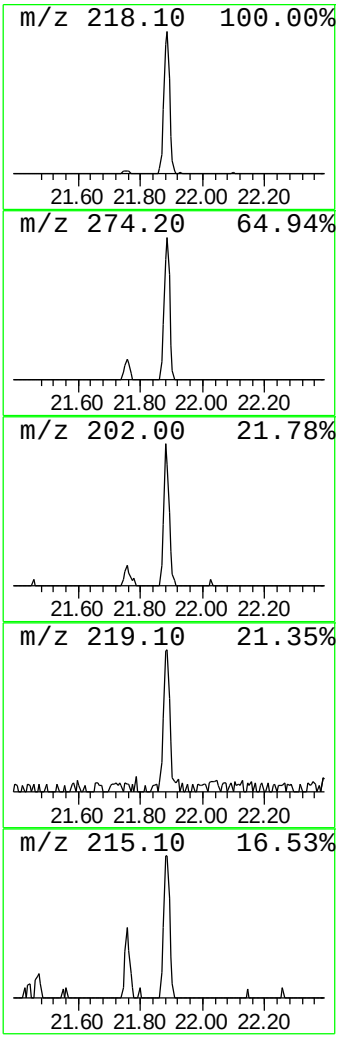
****

Peak Number 10 Naphthalene, 2-(phenylmethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	2.33 ng	183394	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
2	Acetic acid, 2-methoxy-4-(1,2,4-...	260	C12H12N4O3	311762-80-8	43
3	1,4-Naphthoquinone, 6-ethyl-2,5-...	218	C12H10O4	013378-87-5	43
4	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	43
5	4H-Benzo[e]pyrido[1,2-a]benzimid...	218	C15H10N2	000239-25-8	38





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Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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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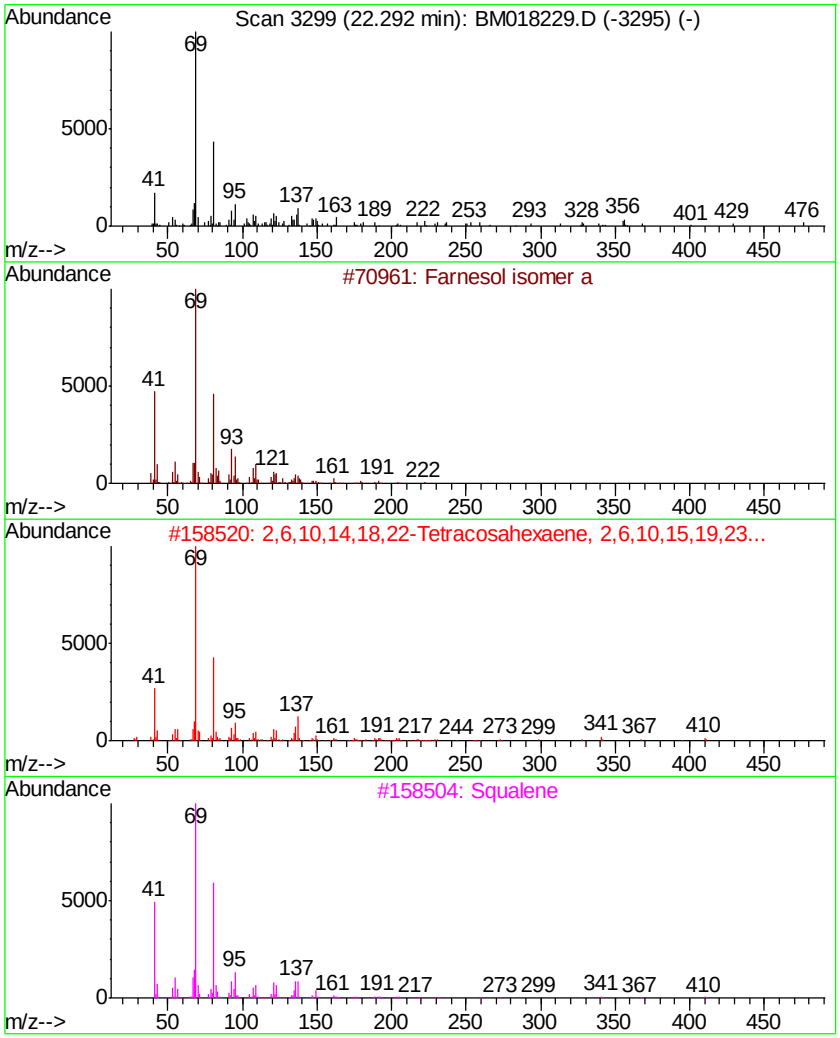
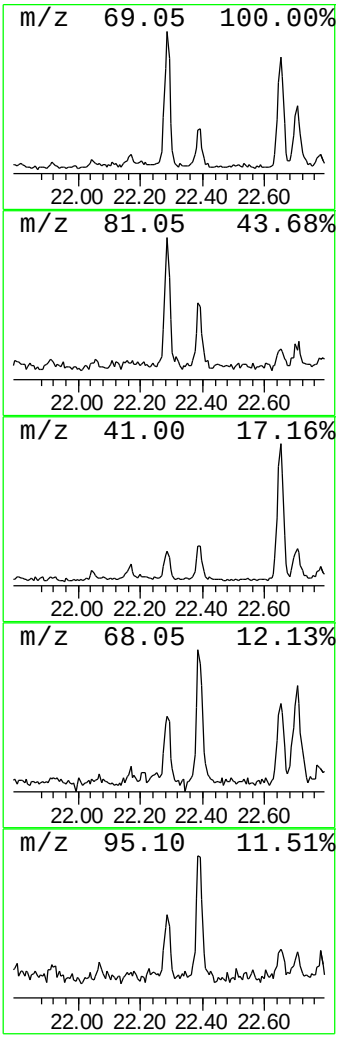
Peak Number 11 Farnesol isomer a Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.17 ng	160875	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Farnesol isomer a	222	C15H26O	1000108-92-4	74
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
3	Squalene	410	C30H50	007683-64-9	64
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	64





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Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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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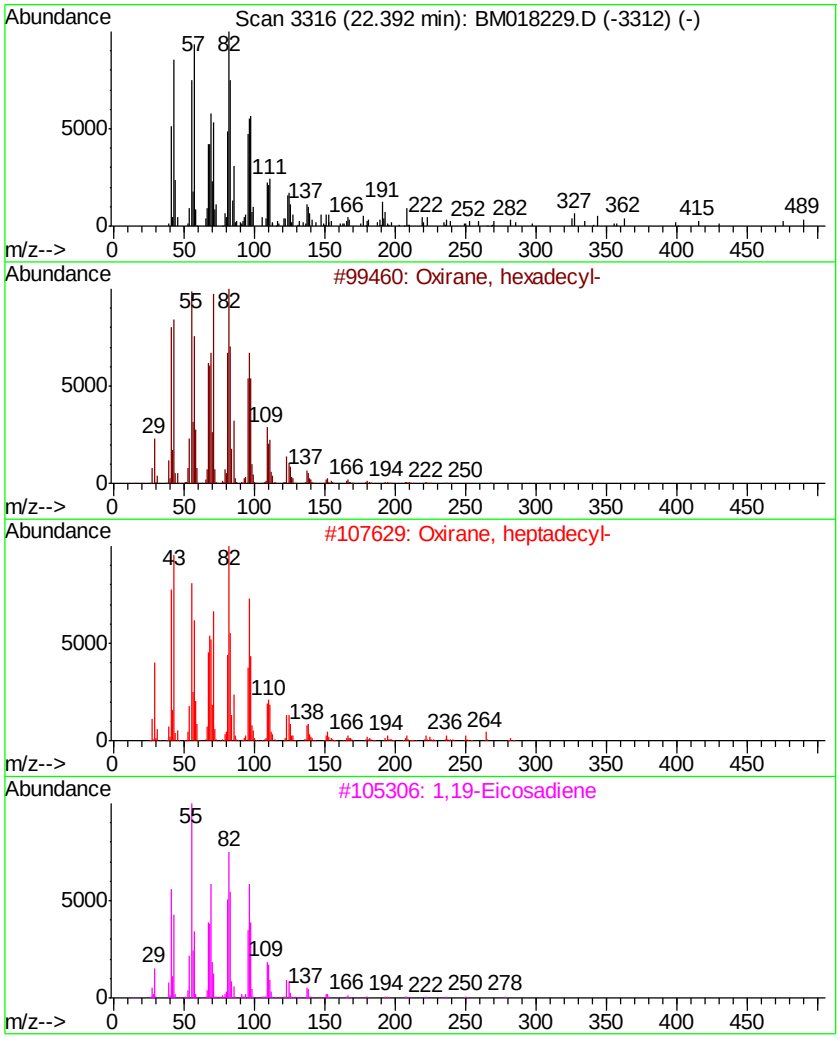
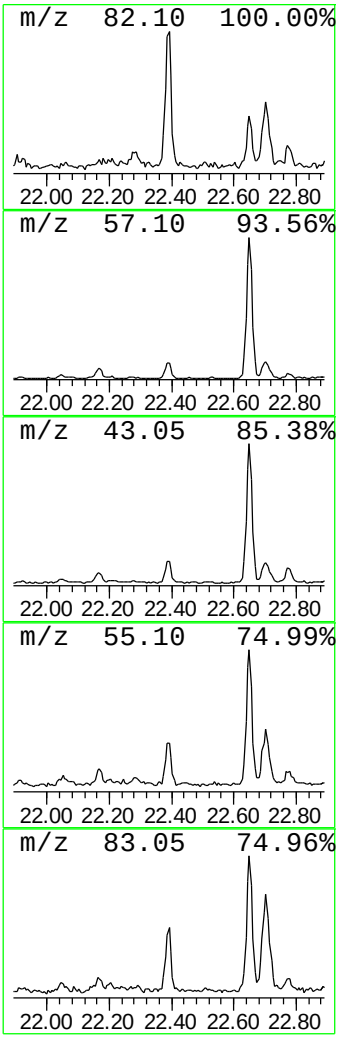
Peak Number 12 Oxirane, hexadecyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	4.10 ng	303481	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
3	1,19-Eicosadiene	278	C20H38	014811-95-1	72
4	Z-11(13-Methyl)tetradecen-1-ol a...	268	C17H32O2	1000131-33-3	70
5	Oleyl Alcohol	268	C18H36O	000143-28-2	62





Library Search Compound Report

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Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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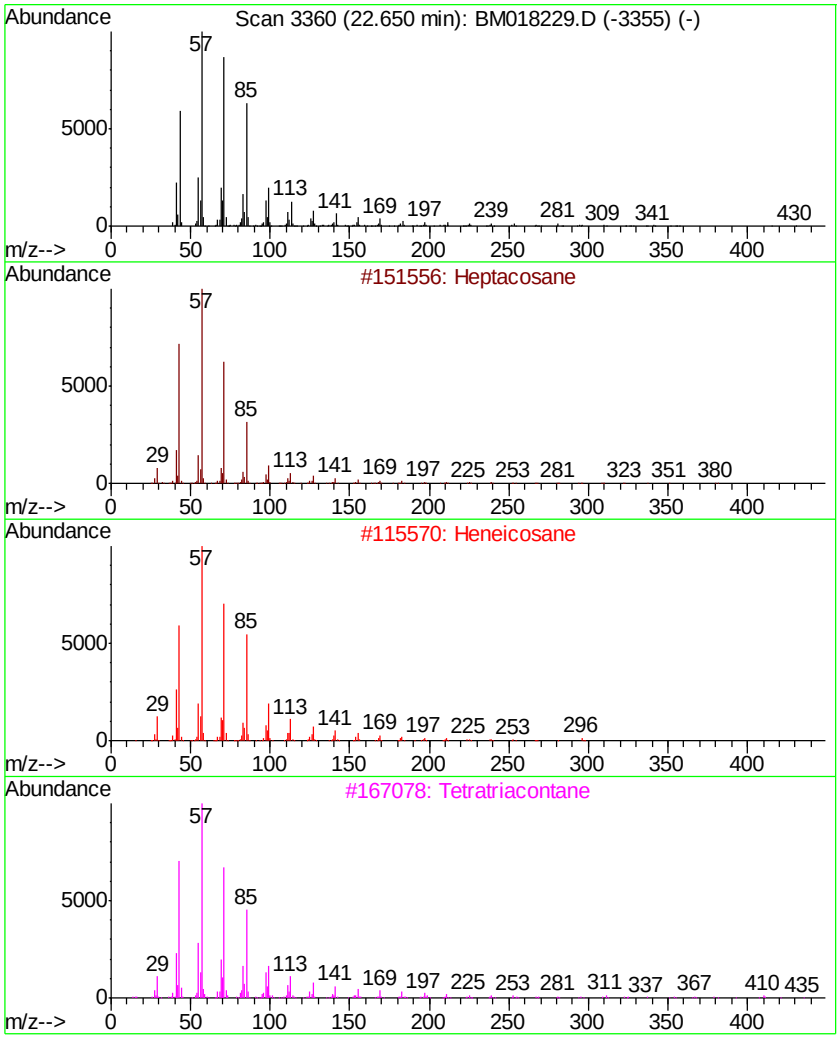
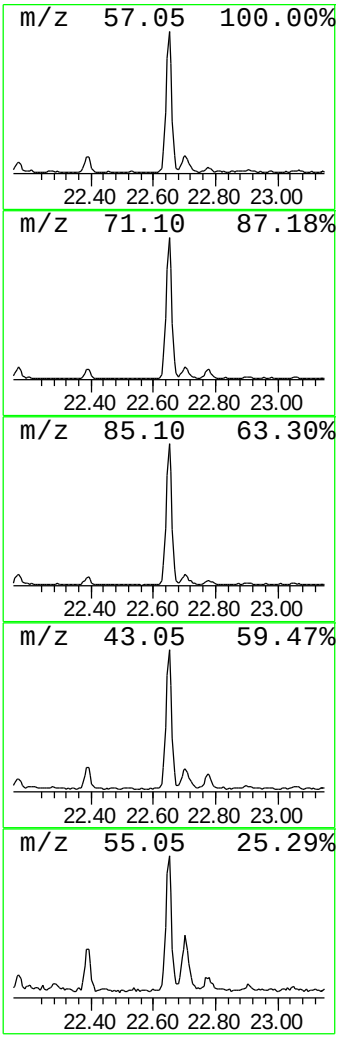
Peak Number 13 Heptacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.65	15.78 ng	1167890	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetratriacontane	479	C34H70	014167-59-0	91
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
5	Triacontane	422	C30H62	000638-68-6	91





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Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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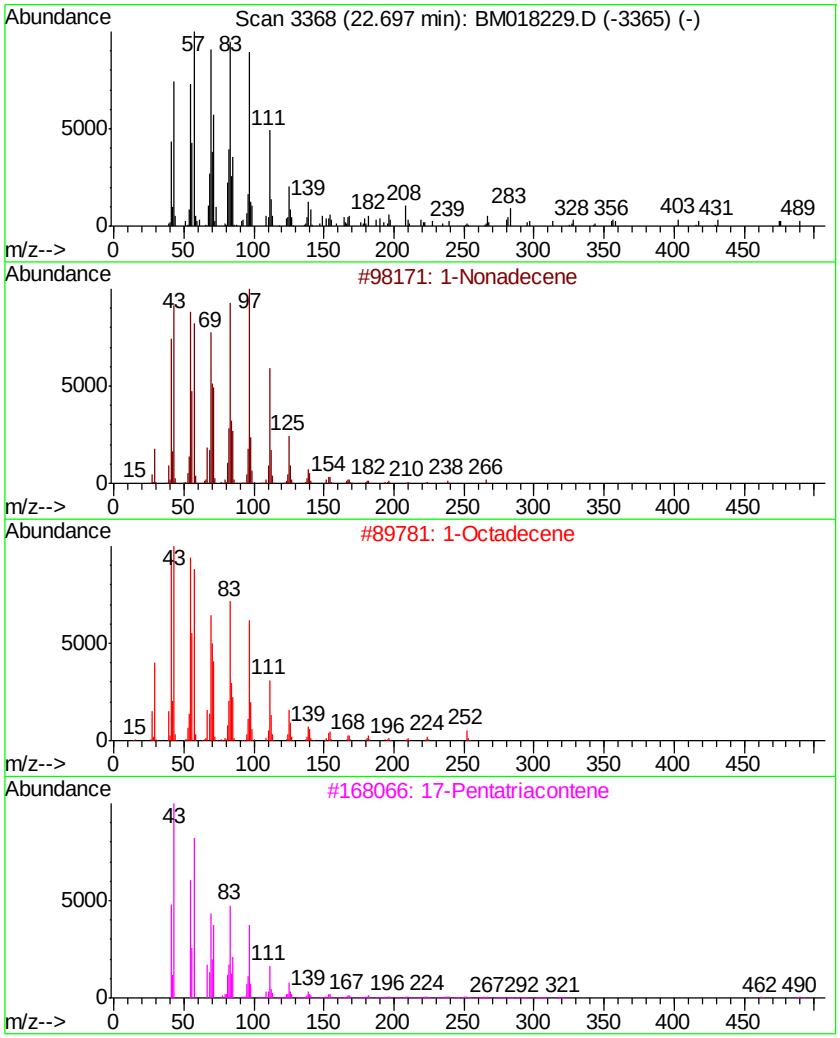
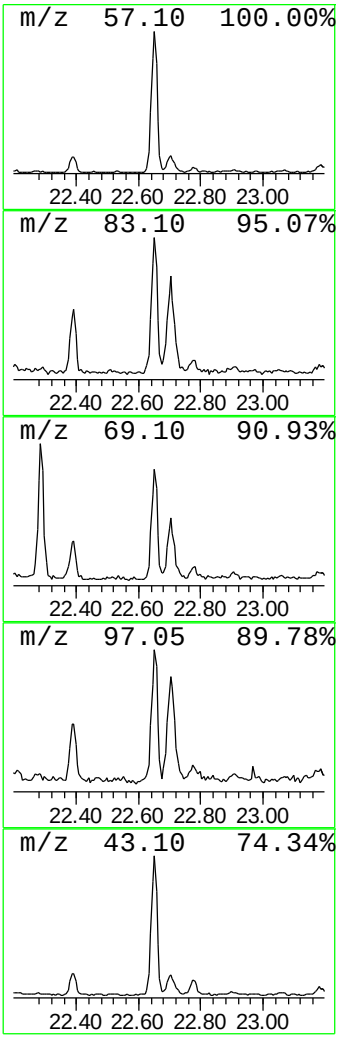
Peak Number 14 1-Nonadecene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	4.45 ng	329688	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	1-Octadecene	252	C18H36	000112-88-9	86
3	17-Pentatriacontene	491	C35H70	006971-40-0	83
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62
5	1-Triacontanol	438	C30H62O	000593-50-0	62





Library Search Compound Report

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Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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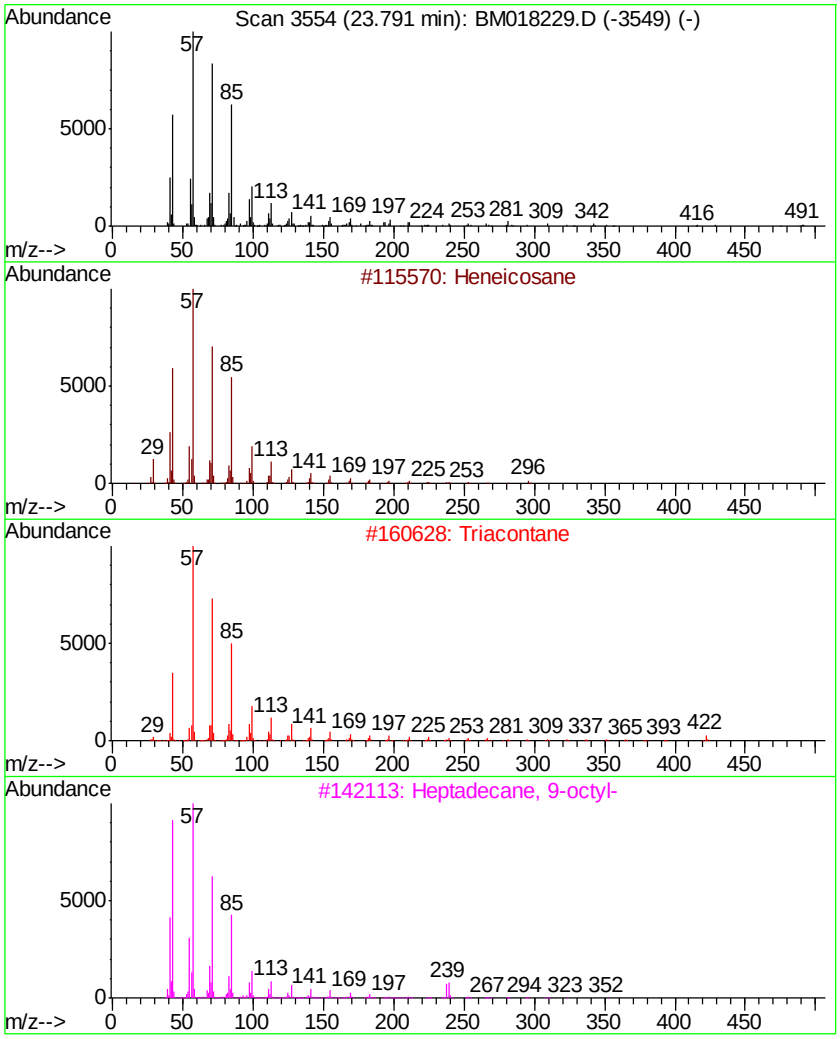
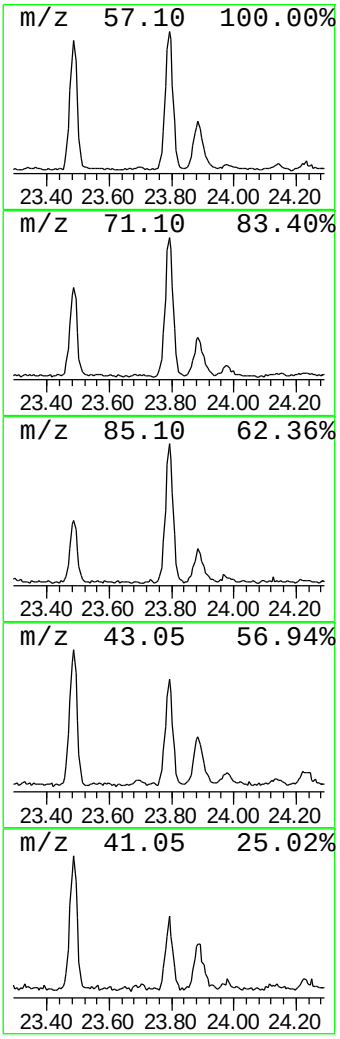
Peak Number 16 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	7.84 ng	580203	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
5	Nonacosane	408	C29H60	000630-03-5	87





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Sample : J6377-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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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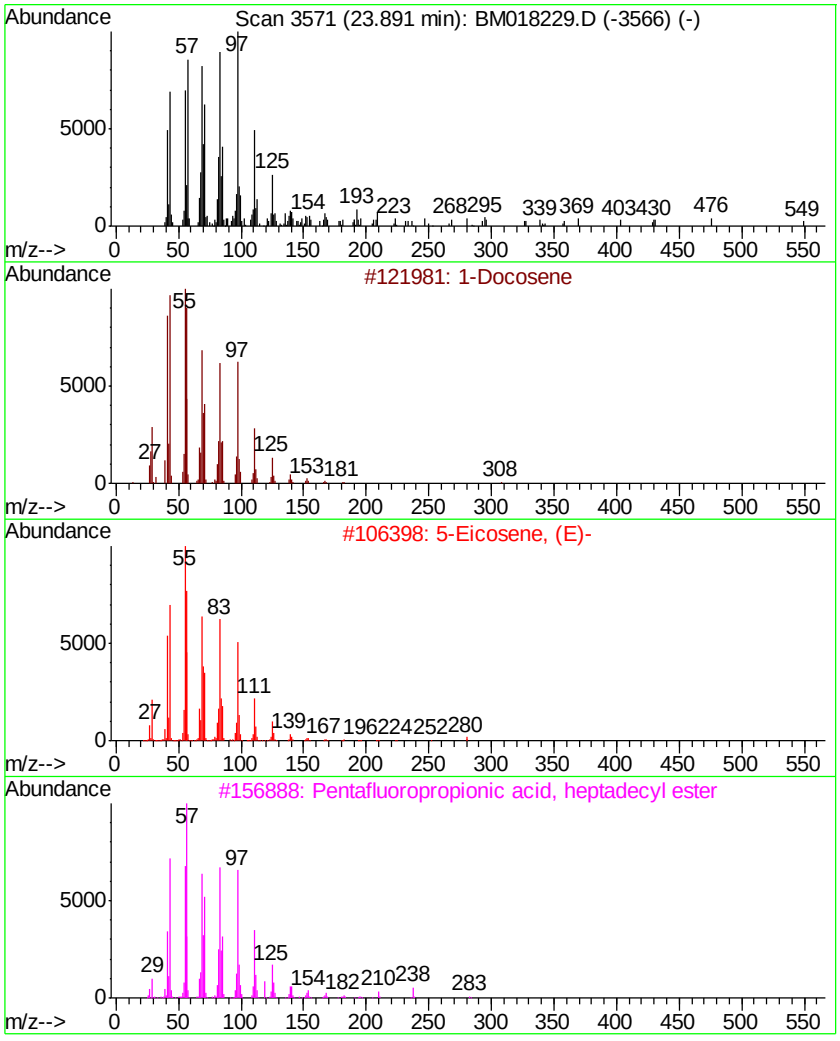
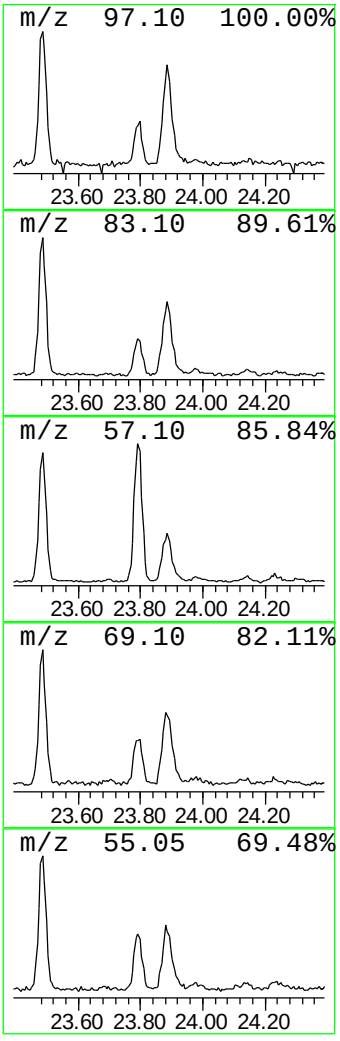
Peak Number 17 1-Docosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	6.09 ng	450434	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	83
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	78
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	74
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	62
5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	47





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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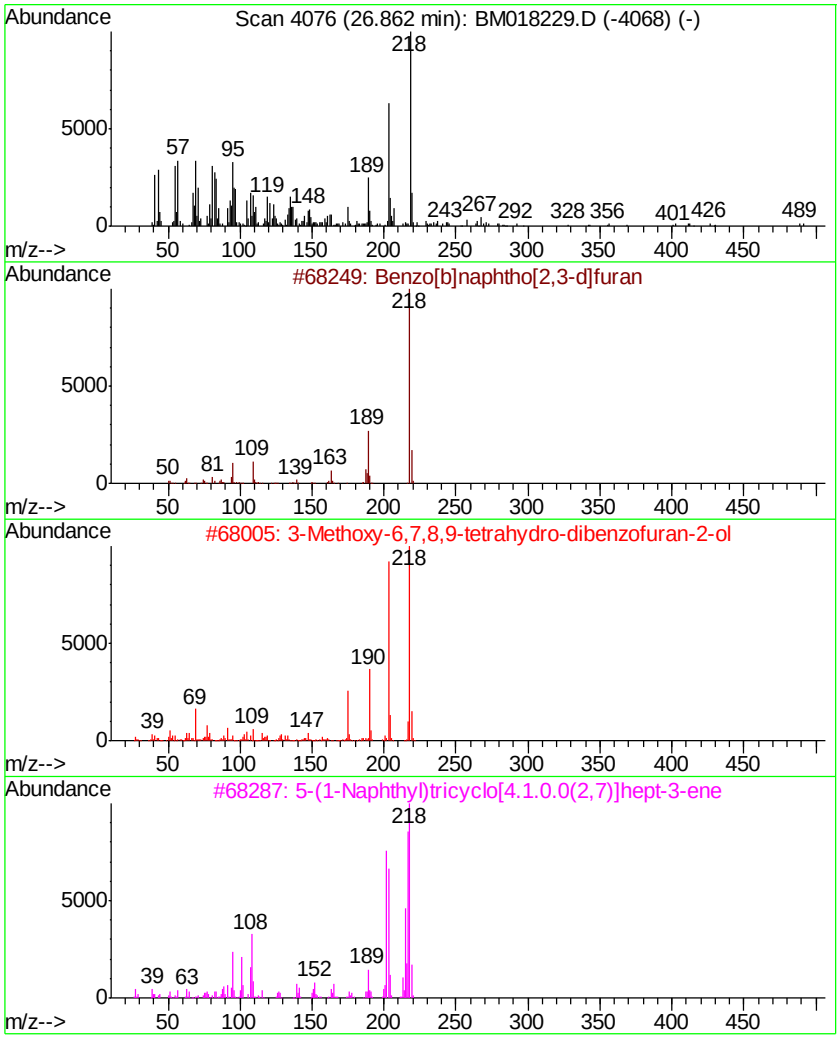
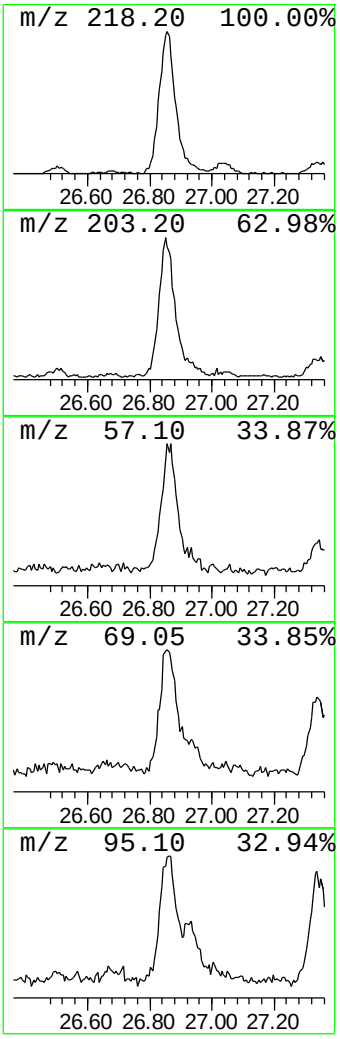
Peak Number 19 Benzo[b]naphtho[2,3-d]furan Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.86	12.66 ng	937003	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	53
2	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	49
3	5-(1-Naphthyl)tricyclo[4.1.0.0(2...	218	C17H14	107729-05-5	49
4	Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	46
5	5-Methanesulfonyl-3-methoxy-isot...	218	C6H6N2O3S2	157138-41-5	46





Tentatively Identified Compound (LSC) summary

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Data File : BM018229.D
Acq On : 16 Dec 2018 16:40
Operator : JU/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SD005-0612-01

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
2-Pentanone, 4-hy...	4.69	3.4	ng	166759	1	7.50	975750	20.0
unknown7.04	7.04	112.2	ng	5471630	1	7.50	975750	20.0
n-Hexadecanoic acid	17.83	8.6	ng	663598	4	16.92	1535260	20.0
Tetradecanoic acid	19.13	2.0	ng	160081	5	21.14	1575740	20.0
1-Octadecene	20.86	11.9	ng	933923	5	21.14	1575740	20.0
unknown20.97	20.97	6.2	ng	492022	5	21.14	1575740	20.0
Triacontane	21.72	3.6	ng	280612	5	21.14	1575740	20.0
2-Thiopheneacetic...	21.74	4.4	ng	349321	5	21.14	1575740	20.0
Naphthalene, 2-(p...	21.89	2.3	ng	183394	5	21.14	1575740	20.0
Farnesol isomer a	22.29	2.2	ng	160875	6	23.30	1480350	20.0
Oxirane, hexadecyl-	22.39	4.1	ng	303481	6	23.30	1480350	20.0
Heptacosane	22.65	15.8	ng	1167890	6	23.30	1480350	20.0
1-Nonadecene	22.70	4.5	ng	329688	6	23.30	1480350	20.0
Heneicosane	23.79	7.8	ng	580203	6	23.30	1480350	20.0
1-Docosene	23.89	6.1	ng	450434	6	23.30	1480350	20.0
Benzo[b]naphtho[2...	26.86	12.7	ng	937003	6	23.30	1480350	20.0