LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080718\
Data File : BM016231.D
Acq On : 07 Aug 2018 23:54
Operator : SJ/JU
Sample : J4347-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

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-BM072318.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	5.187	318	323	335	rVB	98388	154252	4.05%	0.759%
2	5.664	398	404	421	rBV	859941	1390356	36.51%	6.838%
3	7.305	676	683	698	rBV	970965	1578828	41.46%	7.765%
4	7.663	738	744	760	rBV	1021034	1651229	43.36%	8.121%
5	8.140	818	825	835	rBV	235773	396256	10.40%	1.949%
6	8.457	872	879	893	rBB	716285	1151149	30.23%	5.662%
7	9.322	1019	1026	1043	rBV	552190	931075	24.45%	4.579%
8	10.951	1296	1303	1311	rBV	309295	527397	13.85%	2.594%
9	13.392	1712	1718	1727	rVB	1454067	2079422	54.60%	10.228%
10	14.228	1855	1860	1866	rBV	71538	99928	2.62%	0.491%
11	14.775	1946	1953	1962	rBV2	464764	708081	18.59%	3.483%
12	16.263	2199	2206	2212	rBV	1311317	1845614	48.46%	9.078%
13	17.510	2410	2418	2424	rBV2	642136	930119	24.42%	4.575%
14	18.357	2558	2562	2571	rBV	164637	253199	6.65%	1.245%
15	19.545	2760	2764	2770	rVB	47796	75696	1.99%	0.372%
16	19.616	2772	2776	2782	rBV2	79164	127113	3.34%	0.625%
17	19.904	2822	2825	2830	rVB2	50294	69500	1.82%	0.342%
18	20.086	2851	2856	2865	rBV	3259572	3808429	100.00%	18.732%
19	21.310	3060	3064	3069	rVB	172461	229366	6.02%	1.128%
20	21.639	3115	3120	3124	rBV	879768	1098537	28.84%	5.403%
21	23.180	3378	3382	3388	rVB	220263	326963	8.59%	1.608%
22	23.974	3511	3517	3524	rBV2	464419	899105	23.61%	4.422%

Sum of corrected areas: 20331614

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Misc :
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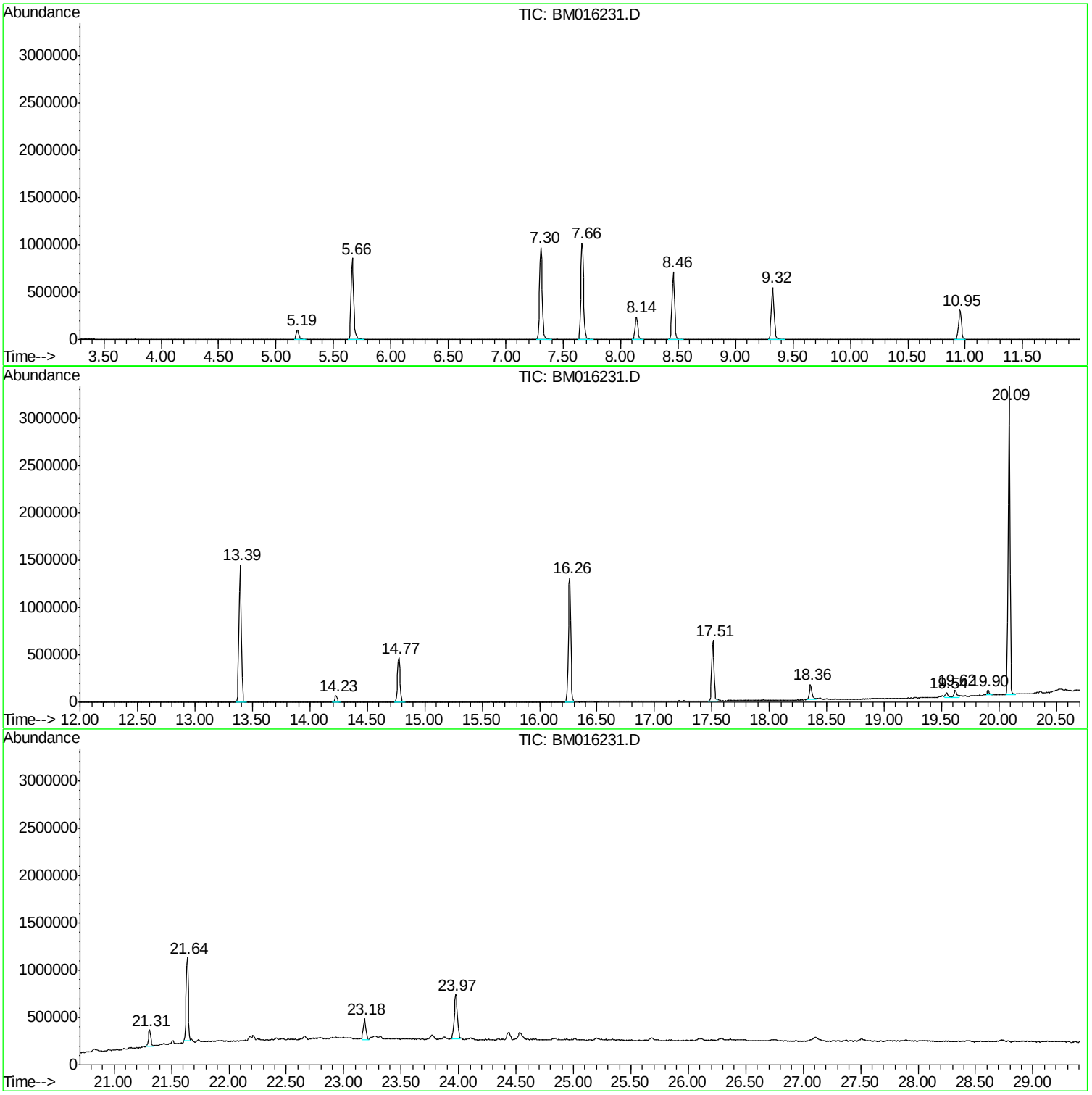
Instrument :
BNA_M
ClientSampleId :
CONCRETE-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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Data File : BM016231.D
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Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

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

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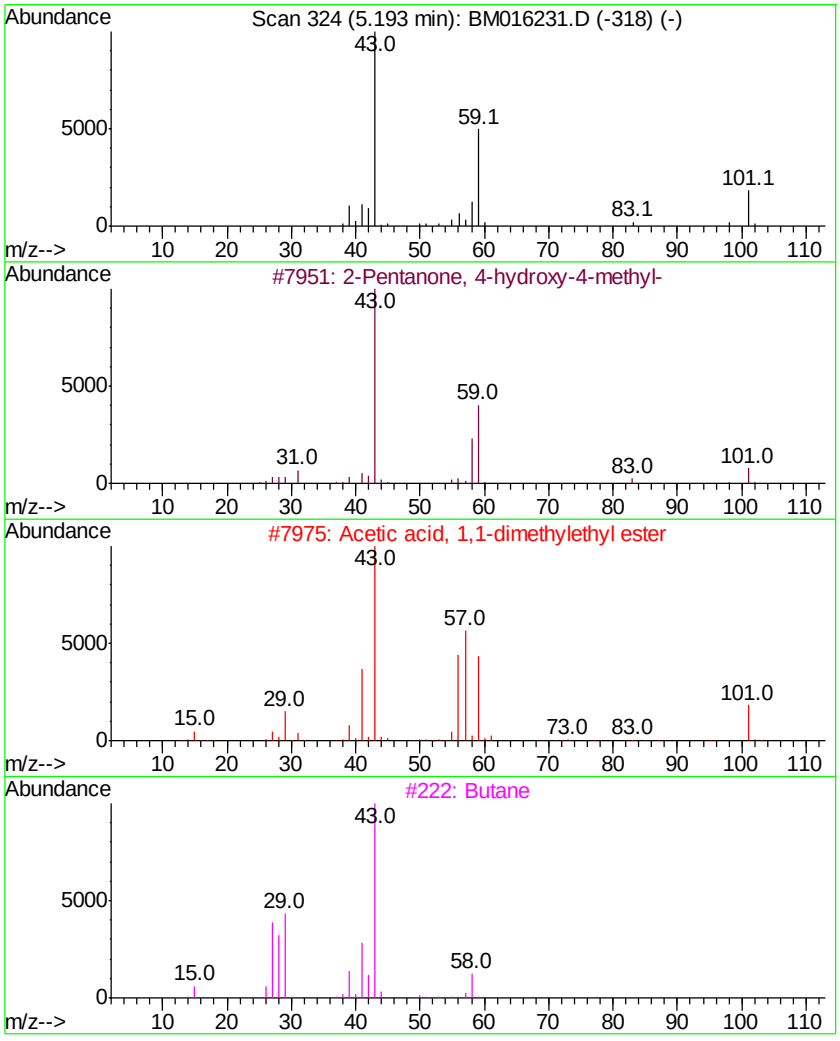
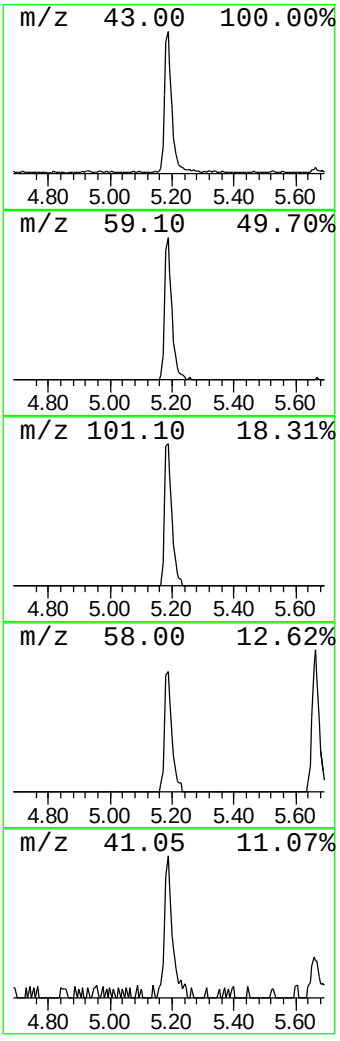
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	7.79 ng	154252	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
3	Butane	58	C4H10	000106-97-8	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Propylamine	59	C3H9N	000107-10-8	9





Library Search Compound Report

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Data File : BM016231.D
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Operator : SJ/JU
Sample : J4347-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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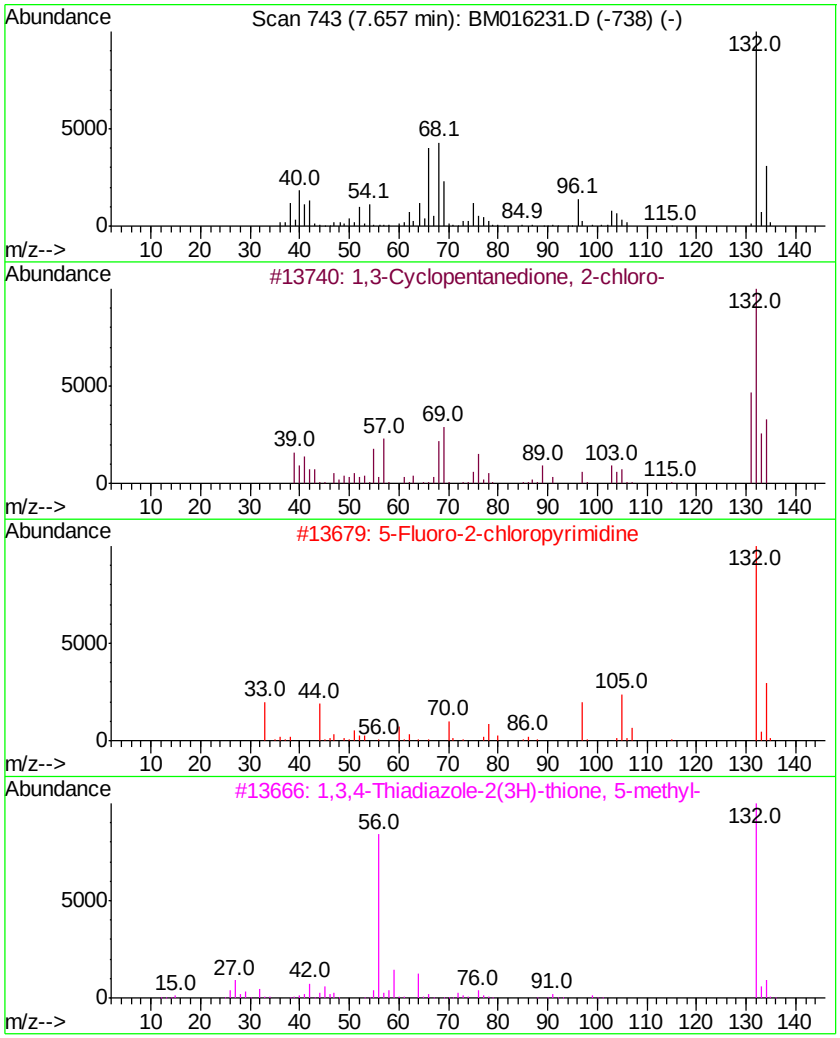
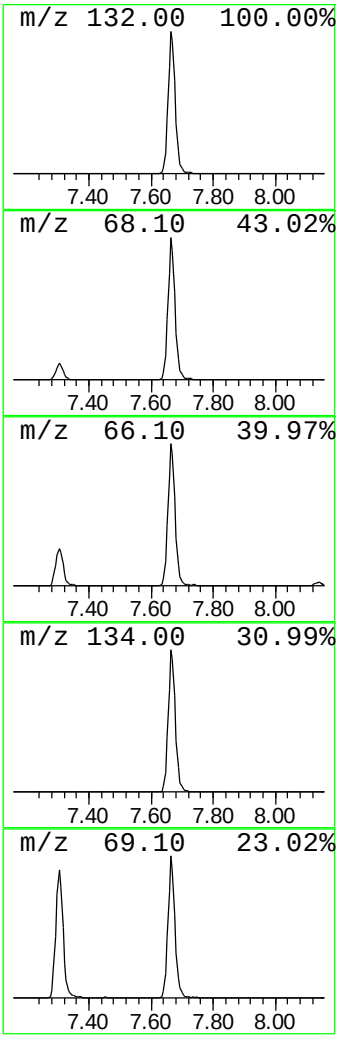
Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	83.34 ng	1651230	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

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Operator : SJ/JU
Sample : J4347-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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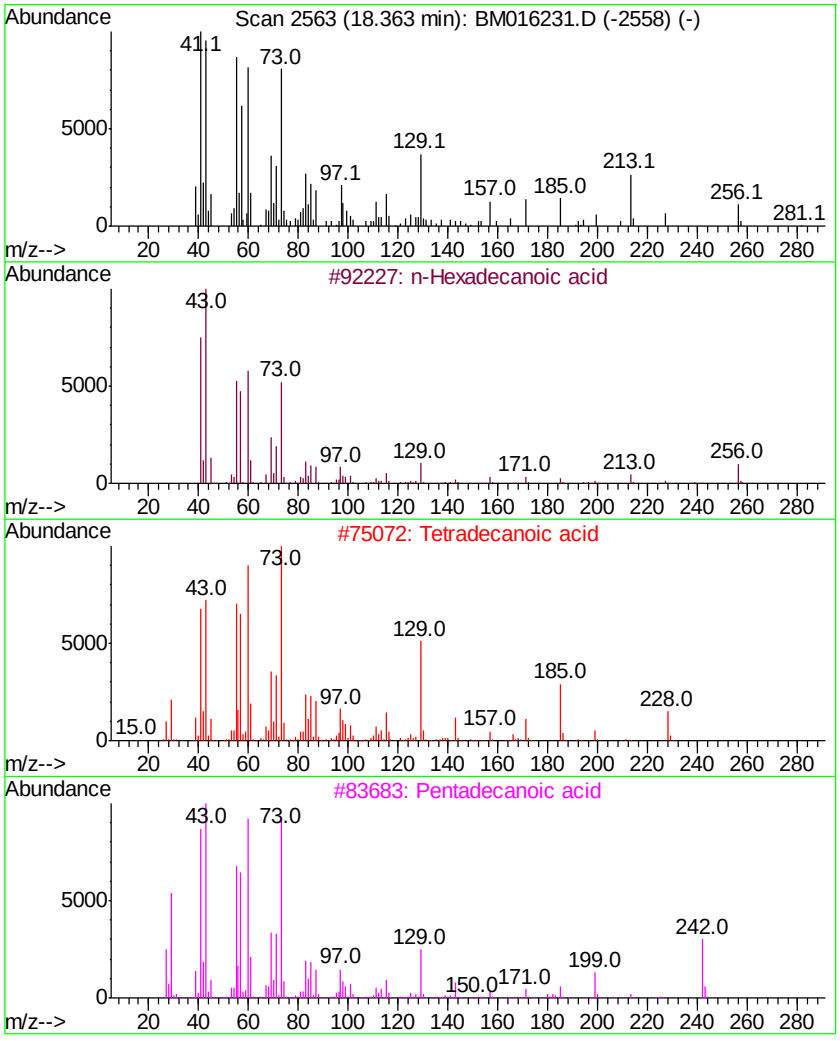
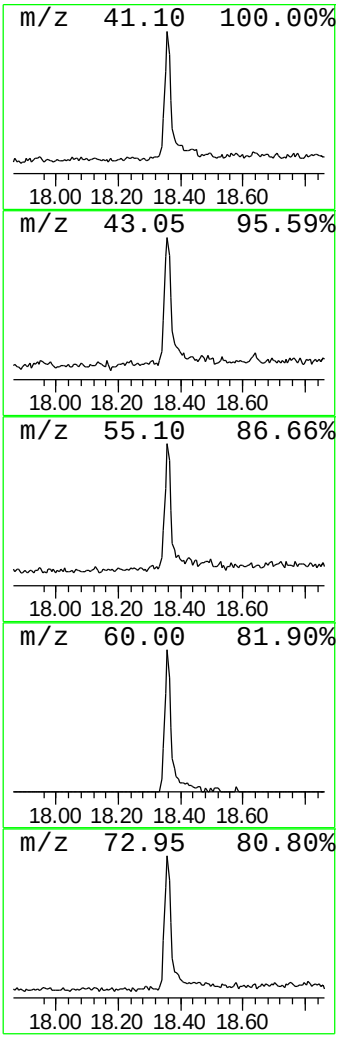
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	5.44 ng	253199	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
4	Undecanoic acid	186	C11H22O2	000112-37-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	43





Library Search Compound Report

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Sample : J4347-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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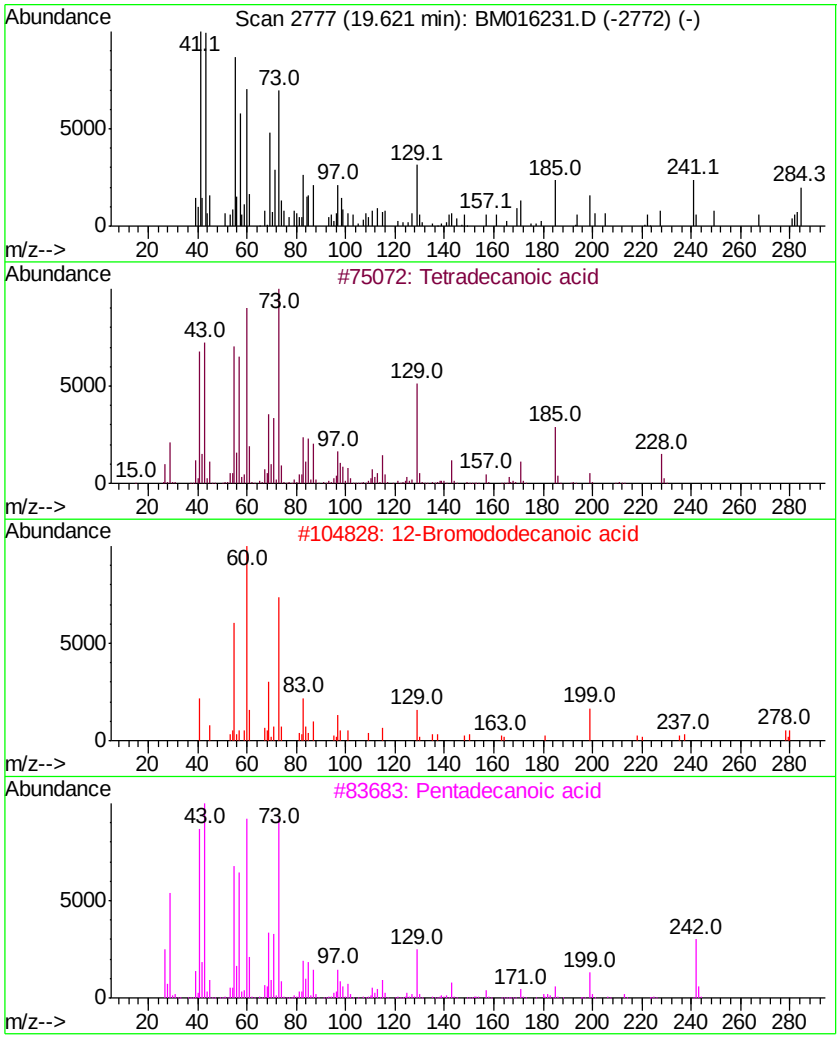
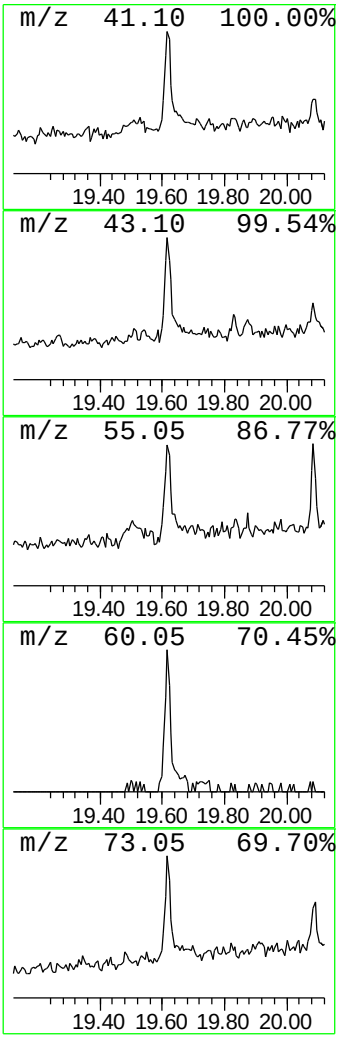
Peak Number 5 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.31 ng	127113	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
2	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	47
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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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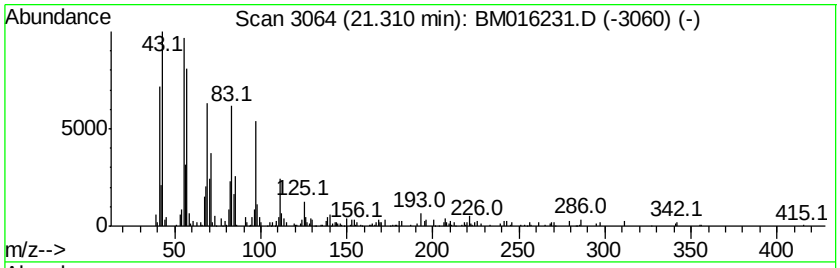
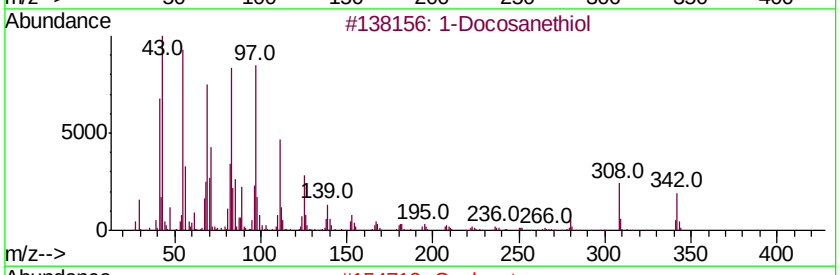
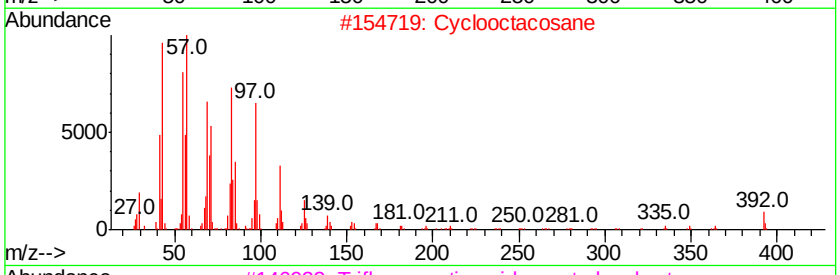
Peak Number 6 1-Docosanethiol Concentration Rank 6

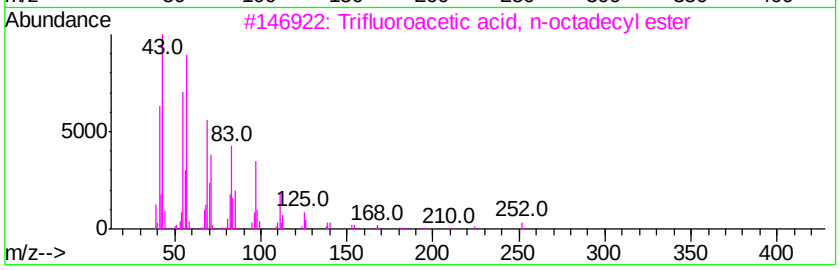
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	4.18 ng	229366	Chrysene-d12	21.64

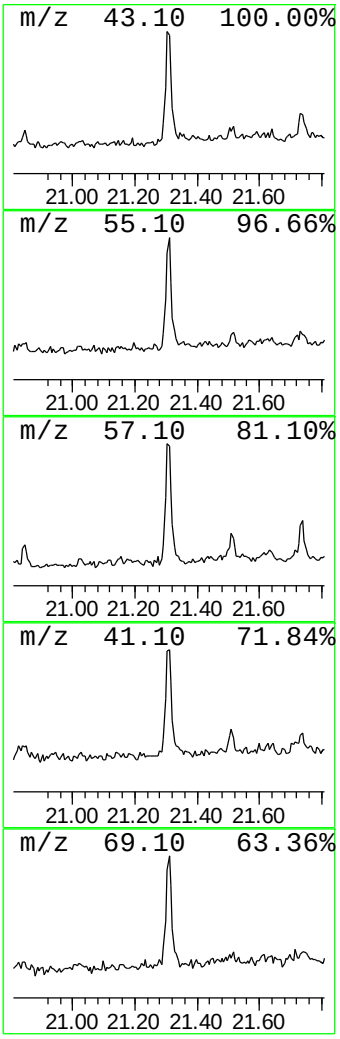
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosanethiol	342	C22H46S	007773-83-3	93
2	Cyclooctacosane	392	C28H56	000297-24-5	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90











Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : CONCRETE-PILE-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

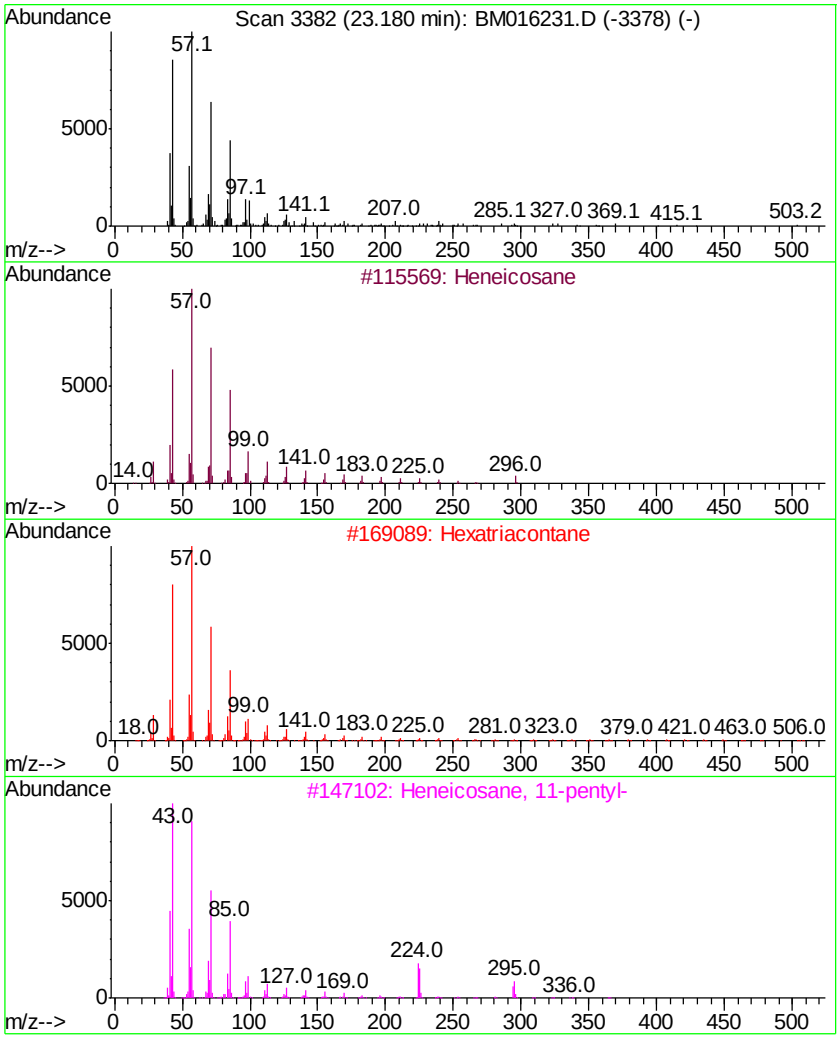
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

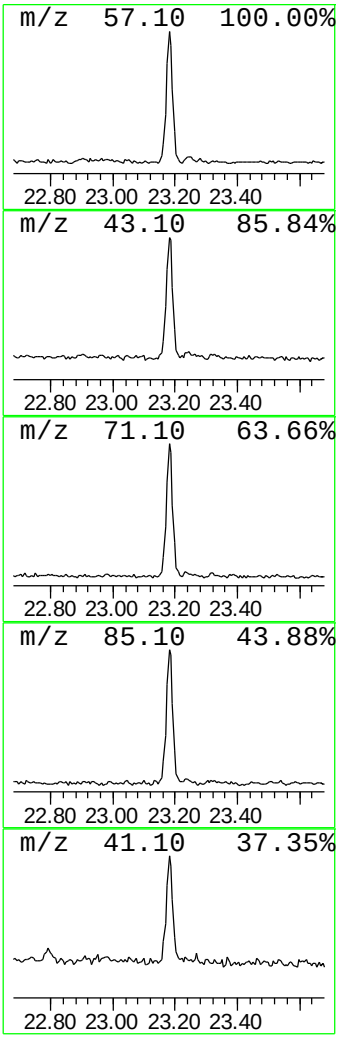
****

Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	7.27 ng	326963	Perylene-d12	23.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexatriacontane	507	C36H74	000630-06-8	90
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Heptadecane	240	C17H36	000629-78-7	89





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.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...	5.19	7.8	ng	154252	1	8.13	396256	20.0
unknown7.66	7.66	83.3	ng	1651230	1	8.13	396256	20.0
n-Hexadecanoic acid	18.36	5.4	ng	253199	4	17.51	930119	20.0
Tetradecanoic acid	19.62	2.3	ng	127113	5	21.64	1098540	20.0
1-Docosanethiol	21.31	4.2	ng	229366	5	21.64	1098540	20.0
Heneicosane	23.18	7.3	ng	326963	6	23.97	899105	20.0