LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

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-BM082118.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	5.552	380	385	405	rBV	1059692	1787896	4.77%	1.416%
2	7.187	658	663	678	rBV	673848	1120118	2.99%	0.887%
3	7.540	716	723	738	rBV	2742902	4393751	11.73%	3.479%
4	8.010	797	803	816	rBV	561972	1028646	2.75%	0.814%
5	8.328	850	857	870	rBV	2577627	4235197	11.31%	3.353%
6	9.198	999	1005	1017	rBV	1801946	2985964	7.97%	2.364%
7	10.816	1274	1280	1297	rBV	679934	1260011	3.36%	0.998%
8	13.269	1690	1697	1706	rBV	8292311	11274987	30.10%	8.927%
9	13.975	1811	1817	1824	rBV	1330030	1755122	4.69%	1.390%
10	14.286	1863	1870	1877	rBV	1208452	1552310	4.14%	1.229%
11	14.651	1926	1932	1944	rVB2	1345264	2081799	5.56%	1.648%
12	15.251	2029	2034	2039	rBV	315321	444564	1.19%	0.352%
13	16.145	2178	2186	2200	rBV	11570969	15717516	41.96%	12.444%
14	16.898	2310	2314	2318	rBV2	602422	837118	2.23%	0.663%
15	17.139	2350	2355	2361	rVB	545193	712456	1.90%	0.564%
16	17.392	2393	2398	2410	rBV	2428203	3737517	9.98%	2.959%
17	17.892	2471	2483	2496	rBV	9009196	19974324	53.32%	15.814%
18	18.004	2498	2502	2505	rBV2	325658	430082	1.15%	0.341%
19	18.257	2541	2545	2557	rVB	590610	843401	2.25%	0.668%
20	19.515	2756	2759	2766	rBV2	366808	514566	1.37%	0.407%
21	19.986	2833	2839	2846	rBV	34441767	37458494	100.00%	29.657%
22	21.539	3098	3103	3110	rBV	4795652	5836479	15.58%	4.621%
23	22.668	3291	3295	3301	rVB	510497	667303	1.78%	0.528%
24	23.821	3485	3491	3501	rBV	2903297	5654371	15.10%	4.477%

Sum of corrected areas: 126303992

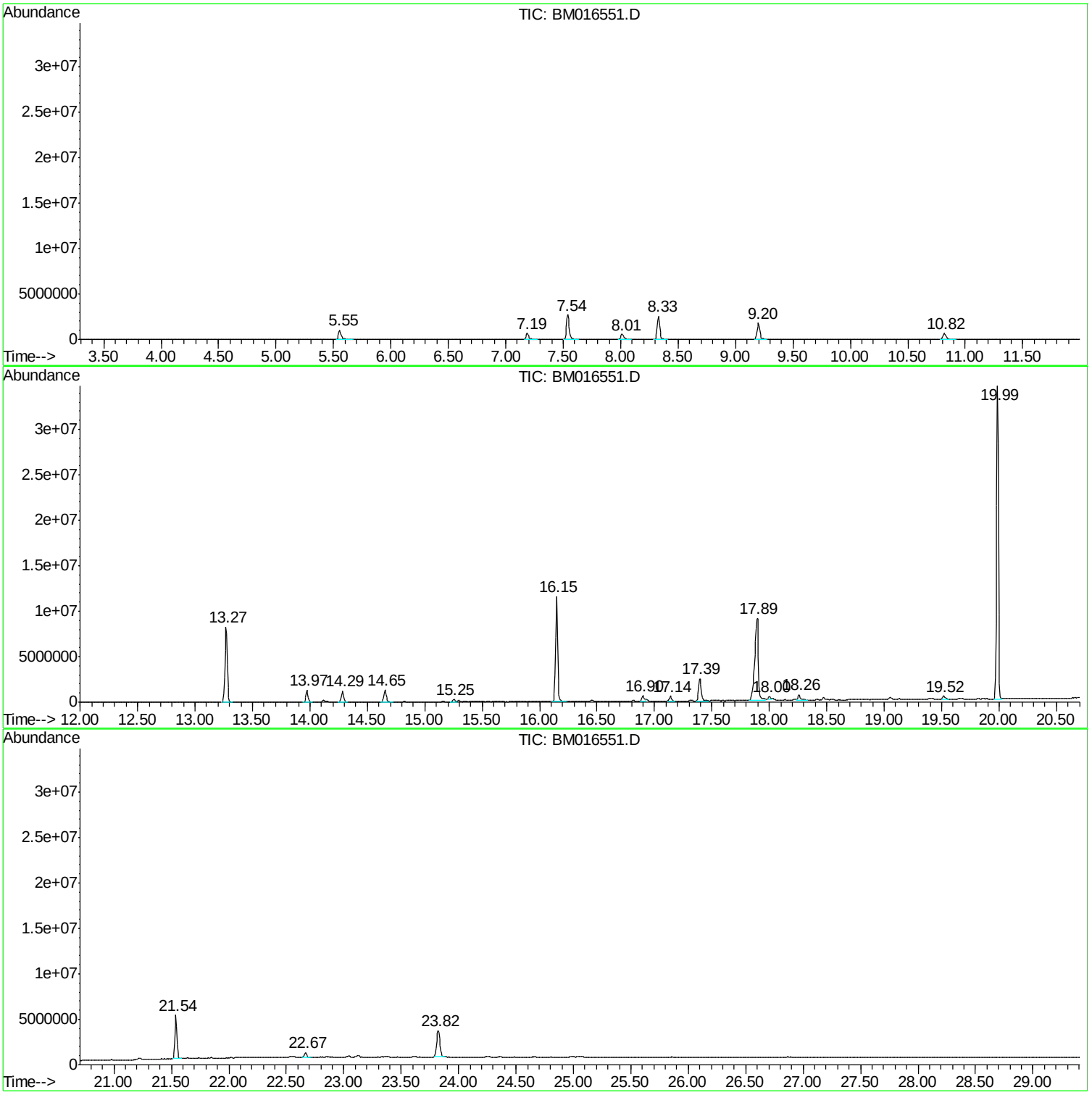
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

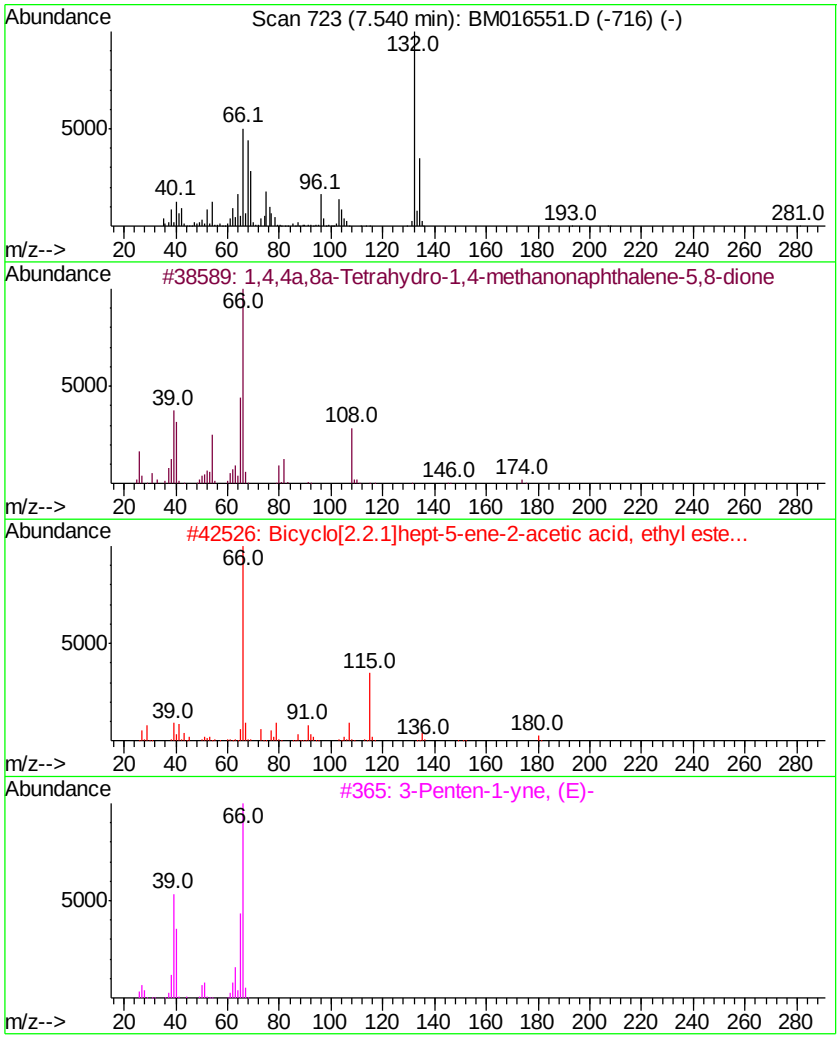
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

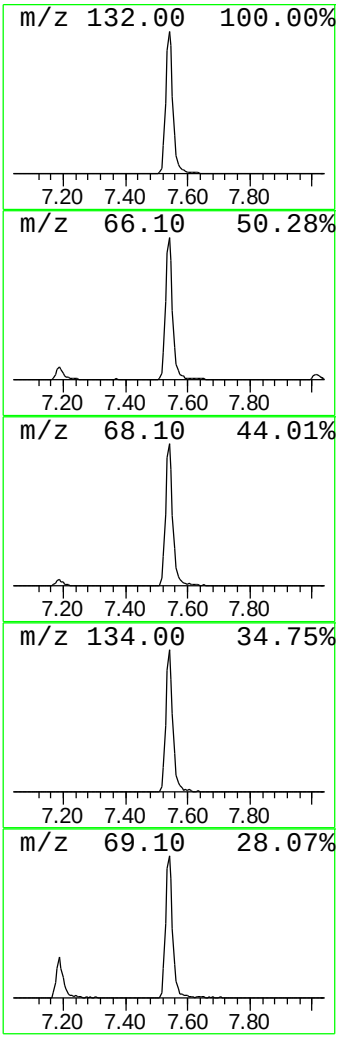
****

Peak Number 1 unknown7.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	85.43 ng	4393750	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,4a,8a-Tetrahydro-1,4-methano...	174	C11H10O2	001200-89-1	16
2	Bicyclo[2.2.1]hept-5-ene-2-aceti...	180	C11H16O2	074876-17-8	12
3	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	12
4	4,7-Methanoisobenzofuran-1,3-dio...	192	C11H12O3	003769-09-3	12
5	3-Penten-1-yne, (Z)-	66	C5H6	001574-40-9	12





Library Search Compound Report

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Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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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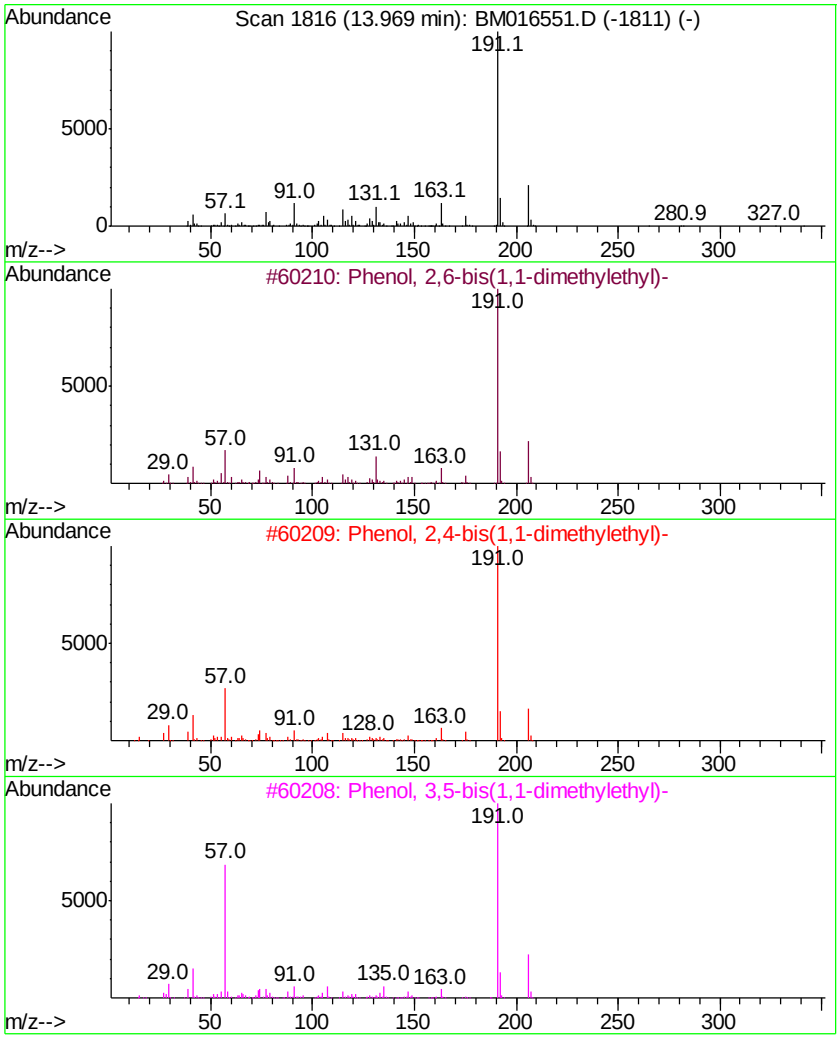
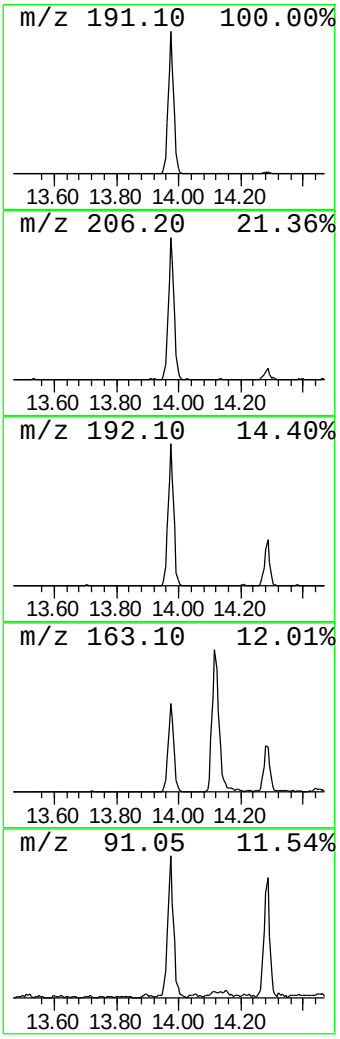
Peak Number 3 Phenol, 2,6-bis(1,1-dimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	16.86 ng	1755120	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	93
2	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	87
3	Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	83
4	Phenol, 2,5-bis(1,1-dimethylethyl)-	206	C14H22O	005875-45-6	83
5	1H-Inden-1-one, 2,3-dihydro-5,6-...	206	C12H14O3	004082-25-1	64





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Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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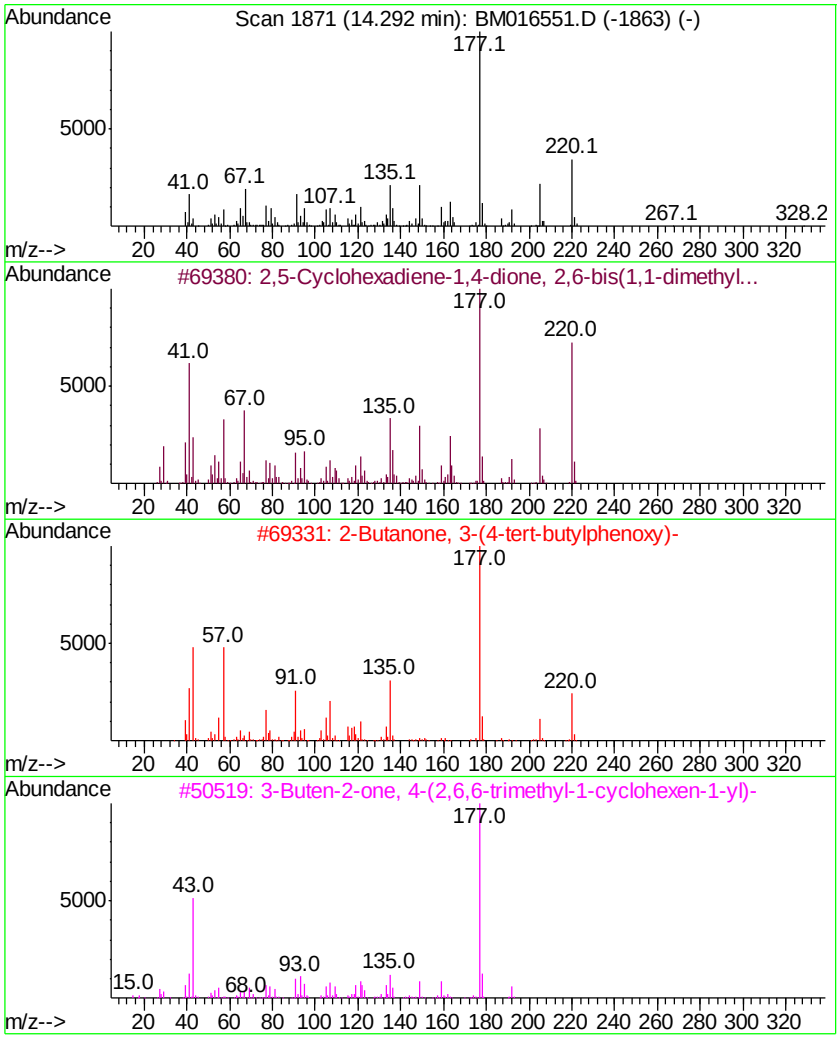
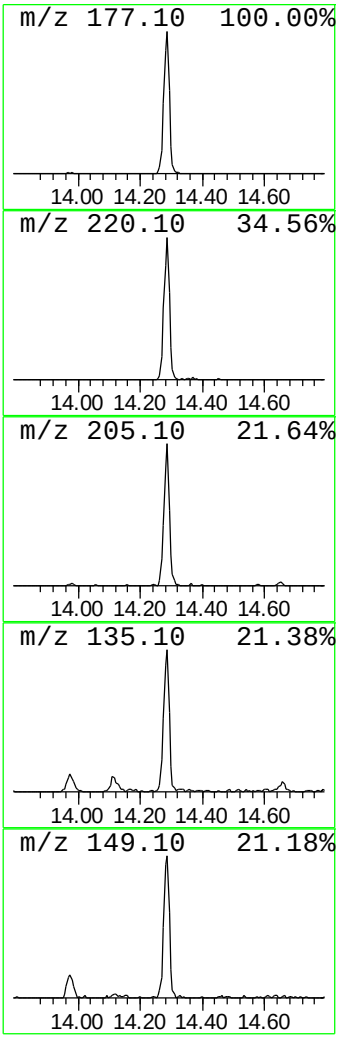
****

Peak Number 4 2,5-Cyclohexadiene-1,4-dion... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	14.91 ng	1552310	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadiene-1,4-dione, 2,...	220	C14H20O2	000719-22-2	70
2	2-Butanone, 3-(4-tert-butylpheno...	220	C14H20O2	160875-28-5	62
3	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	60
4	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	000079-77-6	53
5	Thiocoumarine, 4,4,6,7-tetramethyl-	220	C13H16OS	1000128-90-2	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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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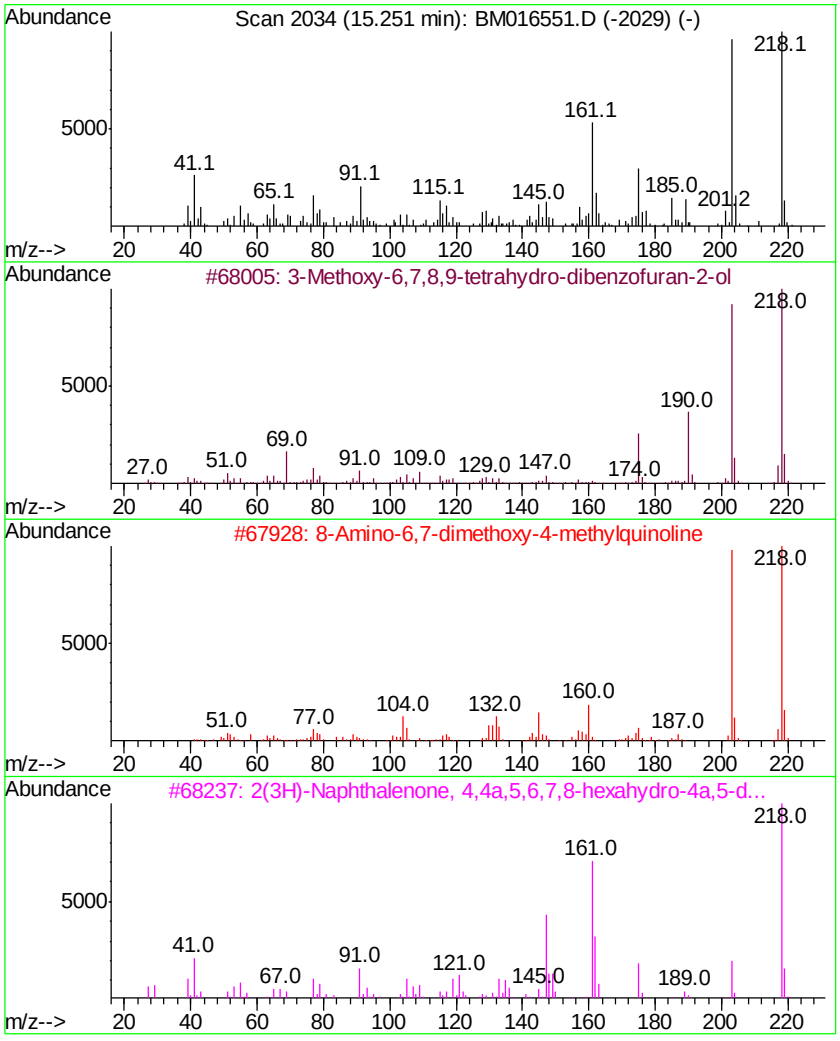
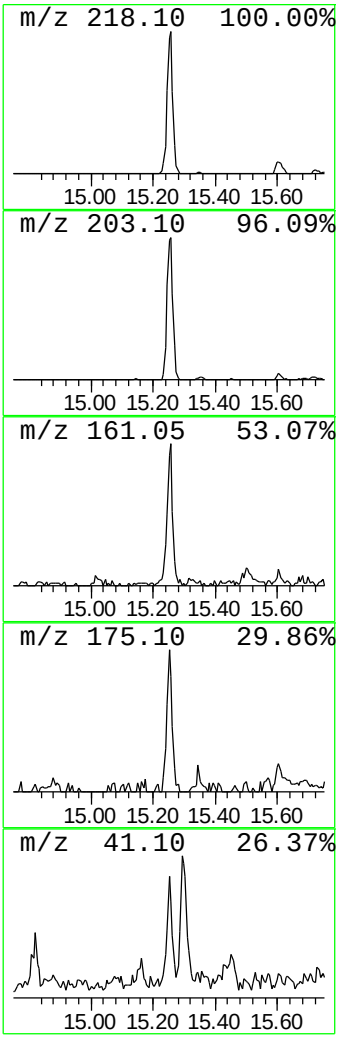
Peak Number 5 3-Methoxy-6,7,8,9-tetrahydr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	4.27 ng	444564	Acenaphthene-d10	14.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	68
2	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	58
3	2(3H)-Naphthalenone, 4,4a,5,6,7,...	218	C15H22O	019598-45-9	49
4	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-71-4	46
5	Pyrrolo[2,3-b]indole, 1,2,3,3a,8...	218	C13H18N2O	046479-70-3	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

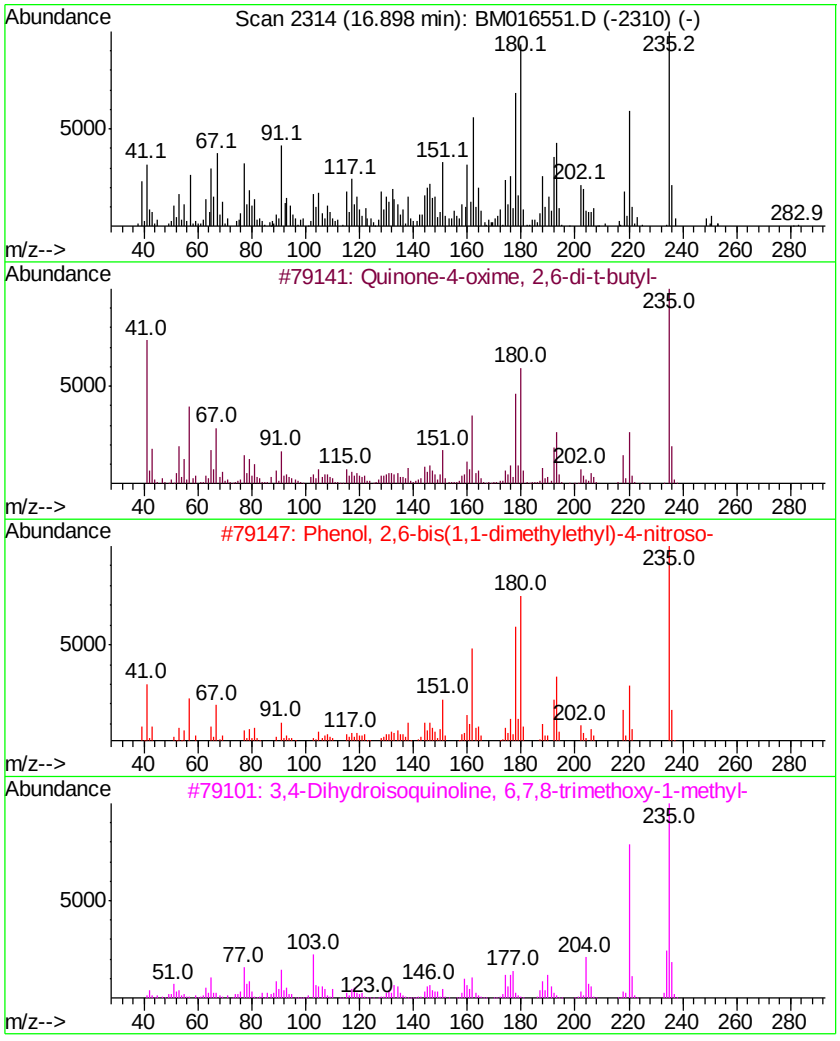
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

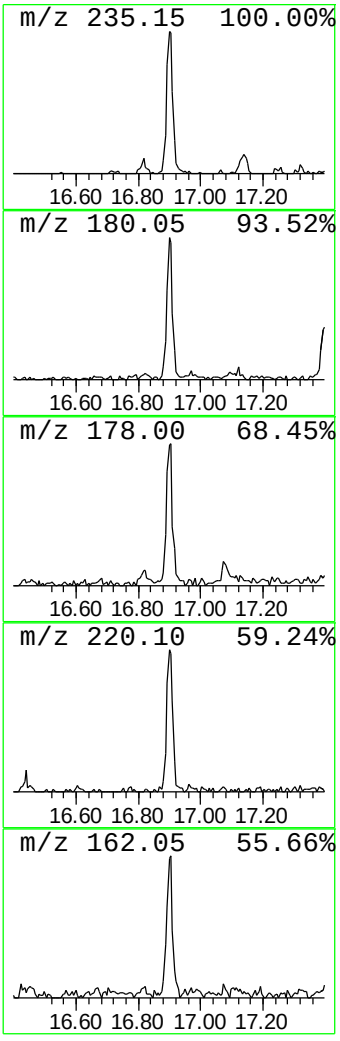
****

Peak Number 6 Quinone-4-oxime, 2,6-di-t-b... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	4.48 ng	837118	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinone-4-oxime, 2,6-di-t-butyl-	235	C14H21NO2	015052-28-5	97
2	Phenol, 2,6-bis(1,1-dimethylethy...	235	C14H21NO2	000955-03-3	96
3	3,4-Dihydroisoquinoline, 6,7,8-t...	235	C13H17NO3	004838-98-6	51
4	Methanone, 1H-indol-2-yl(4-methy...	235	C16H13NO	001026-21-7	22
5	Acridine, 9-butyl-	235	C17H17N	015539-30-7	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

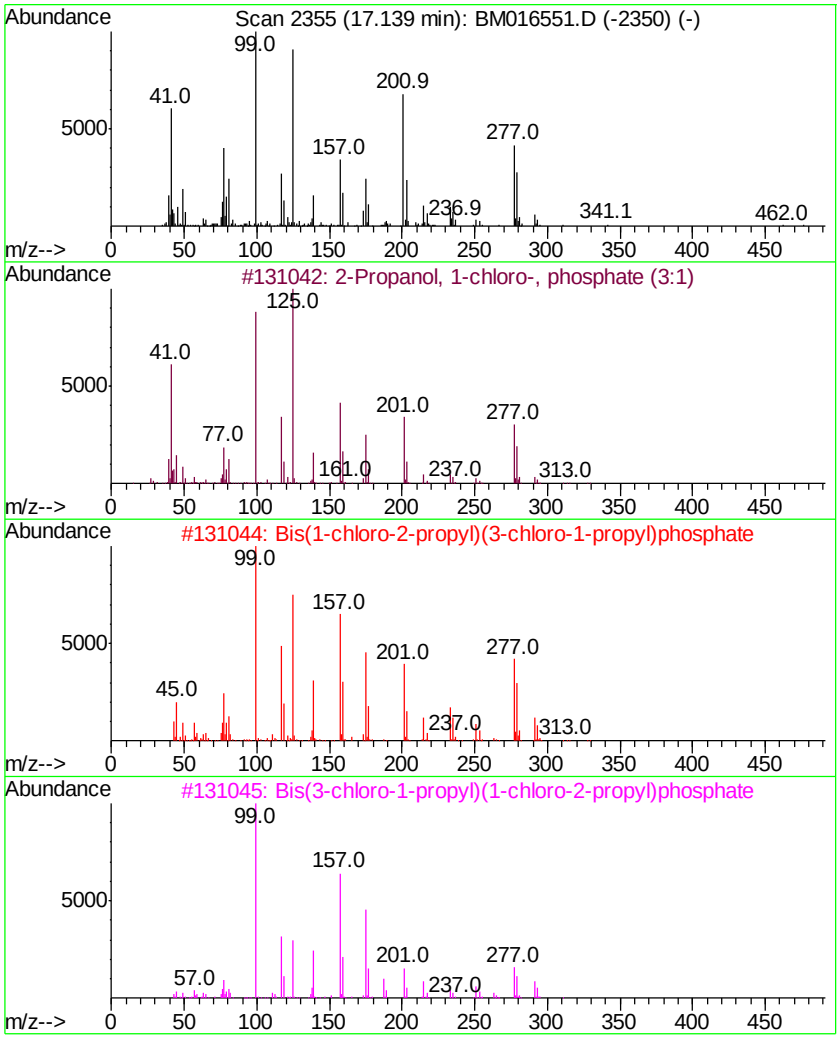
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

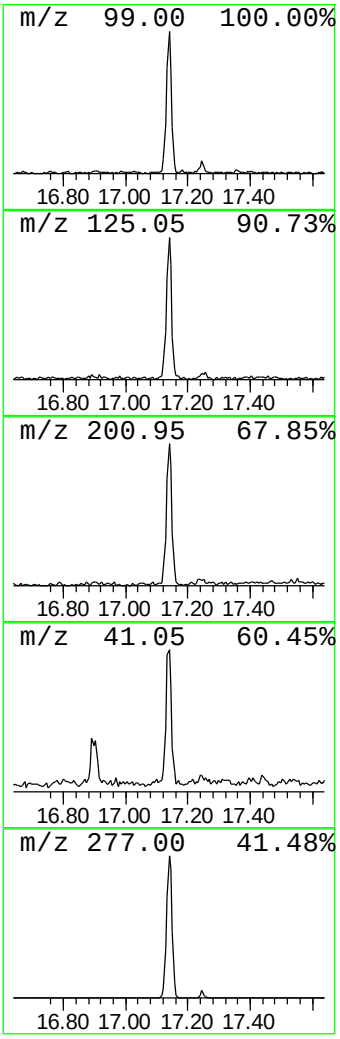
****

Peak Number 7 2-Propanol, 1-chloro-, phos... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.14	3.81 ng	712456	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	58
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	25
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	10
4	Tris(3-chloropropyl) phosphate	326	C9H18Cl3O4P	001067-98-7	10
5	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

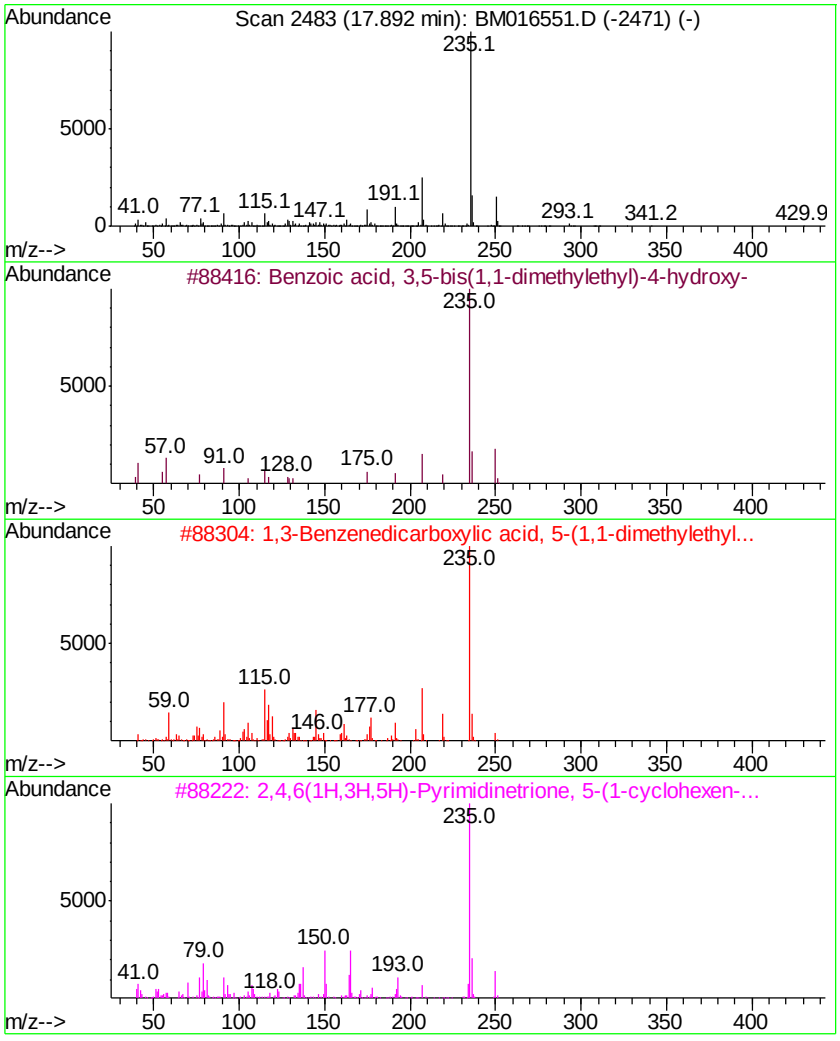
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

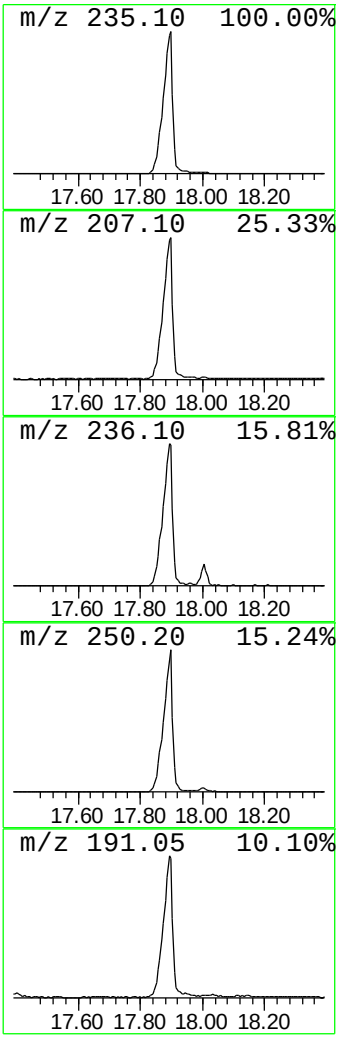
****

Peak Number 8 Benzoic acid, 3,5-bis(1,1-d... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	106.89 ng	19974300	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	250	C15H22O3	001421-49-4	94
2	1,3-Benzenedicarboxylic acid, 5-...	250	C14H18O4	016308-65-9	64
3	2,4,6(1H,3H,5H)-Pyrimidinetrione...	250	C13H18N2O3	000726-79-4	59
4	4-Hydroxy-3-methyl-beta-phenylci...	235	C16H13NO	016299-28-8	59
5	N-(4-Hydroxyphenyl)-2-naphthylamine	235	C16H13NO	000093-45-8	53





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Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

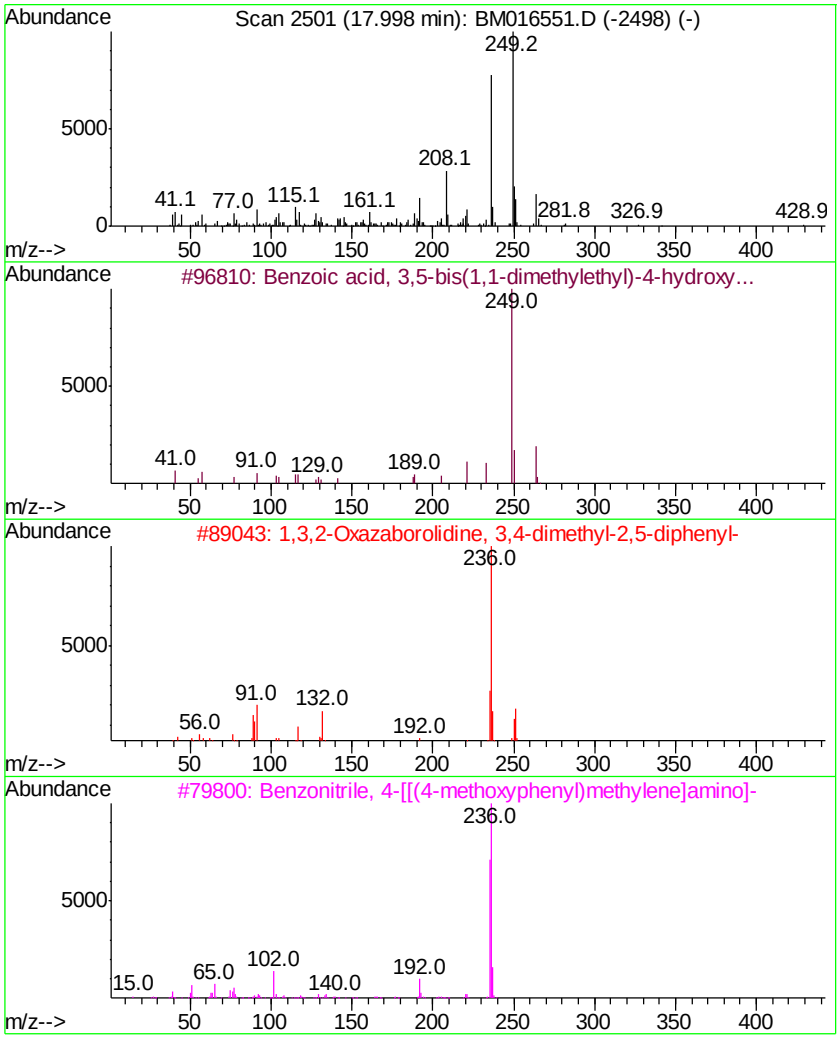
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

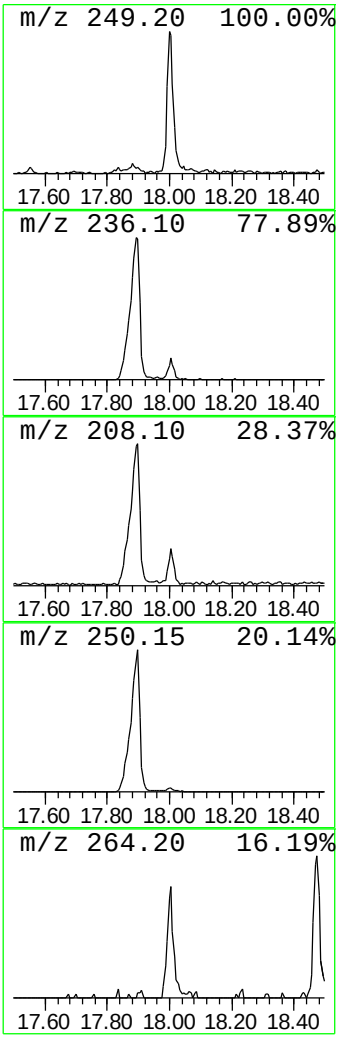
****

Peak Number 9 unknown18.00 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.30 ng	430082	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-bis(1,1-dimeth...	264	C16H24O3	002511-22-0	42
2	1,3,2-Oxazaborolidine, 3,4-dimet...	251	C16H18BNO	026574-29-8	35
3	Benzonitrile, 4-[[(4-methoxyphen...	236	C15H12N2O	013036-19-6	30
4	Phenol, 2,4-di-t-butyl-6-nitro-	251	C14H21NO3	020039-94-5	27
5	2-Methylphenanthro[3,4-d][1,3]ox...	249	C16H11NO2	098033-24-0	27





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Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

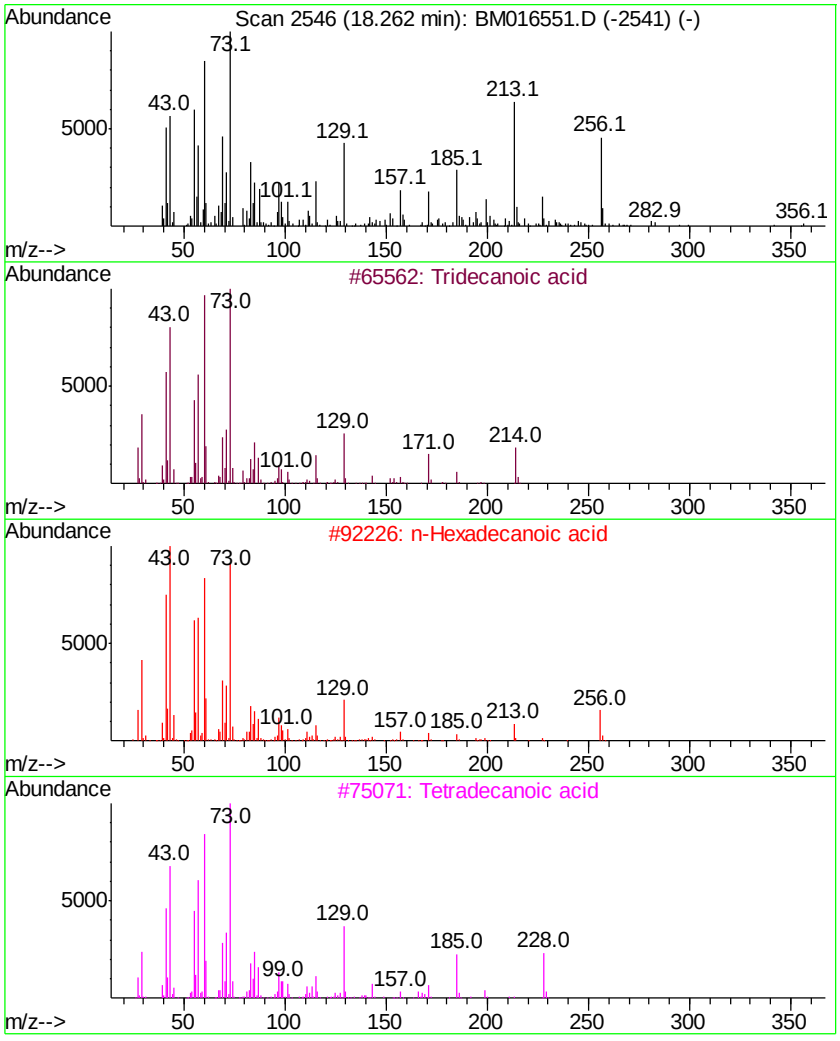
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

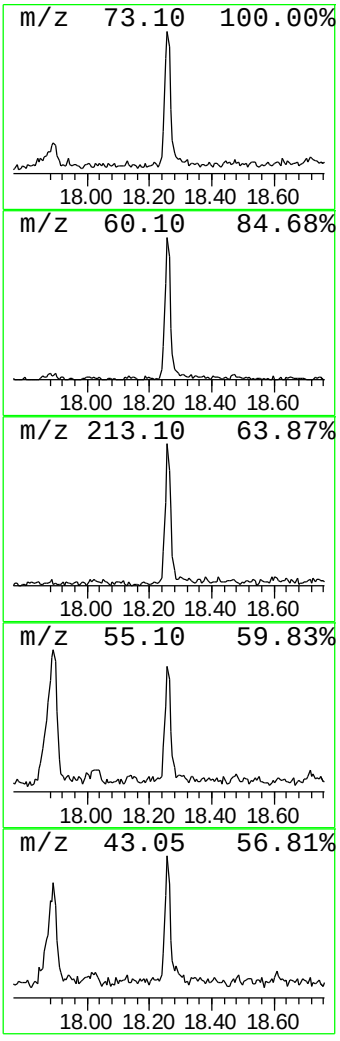
****

Peak Number 10 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	4.51 ng	843401	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	6H-Indolo[3,2,1-de][1,5]naphthyr...	256	C15H16N2O2	050630-67-6	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

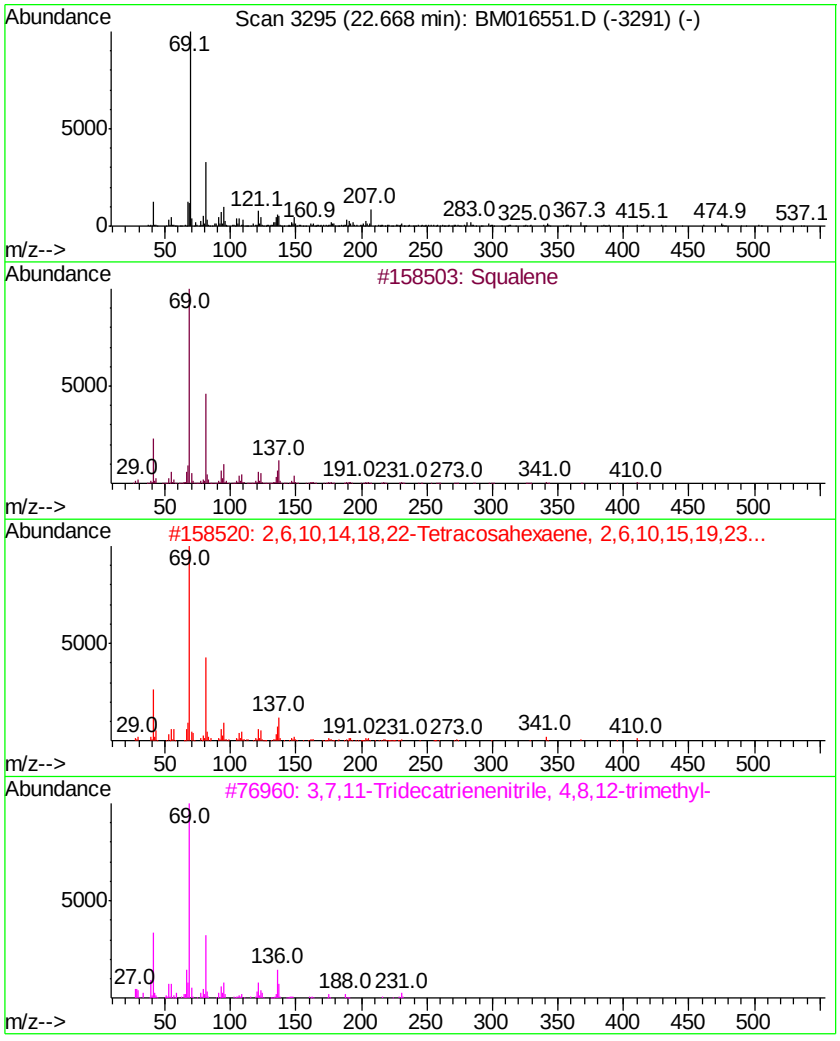
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

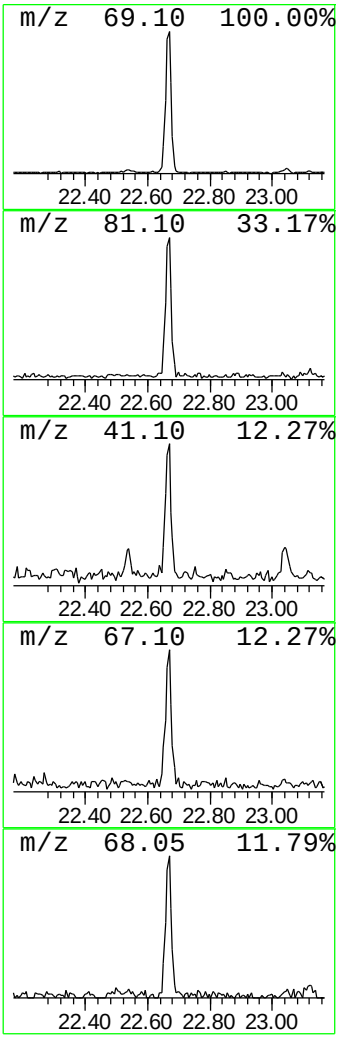
****

Peak Number 11 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	2.29 ng	667303	Chrysene-d12	21.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	72
3	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	64
5	7-Tetradecene	196	C14H28	010374-74-0	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082218\
Data File : BM016551.D
Acq On : 23 Aug 2018 12:04
Operator : SJ/JU
Sample : J4566-01
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : NUTLEY-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082118.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
unknown7.54	7.54	85.4	ng	4393750	1	8.02	1028650	20.0
Phenol, 2,6-bis(1...	13.97	16.9	ng	1755120	3	14.65	2081800	20.0
2,5-Cyclohexadien...	14.29	14.9	ng	1552310	3	14.65	2081800	20.0
3-Methoxy-6,7,8,9...	15.25	4.3	ng	444564	3	14.65	2081800	20.0
Quinone-4-oxime, ...	16.90	4.5	ng	837118	4	17.39	3737520	20.0
2-Propanol, 1-chl...	17.14	3.8	ng	712456	4	17.39	3737520	20.0
Benzoic acid, 3,5...	17.89	106.9	ng	19974300	4	17.39	3737520	20.0
unknown18.00	18.00	2.3	ng	430082	4	17.39	3737520	20.0
Tridecanoic acid	18.26	4.5	ng	843401	4	17.39	3737520	20.0
Squalene	22.67	2.3	ng	667303	5	21.54	5836480	20.0