LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.511	405	412	425	rBV	886966	2007638	1.02%	0.567%
2	7.505	741	751	759	rVB2	1776338	3214206	1.63%	0.907%
3	7.852	801	810	815	rBV3	1604115	2963374	1.50%	0.836%
4	10.622	1274	1281	1282	rVV	2152134	3020210	1.53%	0.852%
5	10.646	1283	1285	1290	rVV	2336550	3197220	1.62%	0.902%
6	11.816	1478	1484	1495	rVB3	1291402	2646282	1.34%	0.747%
7	12.122	1518	1536	1540	rBV	64206355	197268767	100.00%	55.678%
8	13.022	1676	1689	1695	rBV	24962286	46438626	23.54%	13.107%
9	13.310	1733	1738	1745	rVB	3740526	5392659	2.73%	1.522%
10	14.387	1916	1921	1927	rBV	4283543	5408672	2.74%	1.527%
11	14.487	1929	1938	1944	rBV3	3527187	6734523	3.41%	1.901%
12	15.339	2078	2083	2087	rVB	3741332	4569949	2.32%	1.290%
13	15.745	2141	2152	2156	rBV	1419426	2716982	1.38%	0.767%
14	16.039	2197	2202	2207	rBV2	2451565	3412553	1.73%	0.963%
15	16.198	2224	2229	2231	rBV	4196341	5341737	2.71%	1.508%
16	16.292	2237	2245	2249	rVB	2320433	3523782	1.79%	0.995%
17	16.986	2359	2363	2368	rBV	3371578	3970987	2.01%	1.121%
18	17.045	2368	2373	2382	rVB2	1374453	2396165	1.21%	0.676%
19	17.228	2399	2404	2409	rBV2	4472324	6450975	3.27%	1.821%
20	17.727	2484	2489	2496	rBV2	2804403	3821291	1.94%	1.079%
21	18.416	2602	2606	2611	rBV	2411334	2851174	1.45%	0.805%
22	19.051	2710	2714	2721	rVB2	2131910	2824287	1.43%	0.797%
23	19.269	2745	2751	2754	rBV	2910996	3645301	1.85%	1.029%
24	19.798	2837	2841	2847	rVB	6991634	8663213	4.39%	2.445%
25	21.315	3094	3099	3103	rBV	10721249	11407972	5.78%	3.220%
26	21.404	3109	3114	3118	rBV	4213307	5402839	2.74%	1.525%
27	23.698	3499	3504	3511	rVB	2607544	5013960	2.54%	1.415%

Sum of corrected areas: 354305344

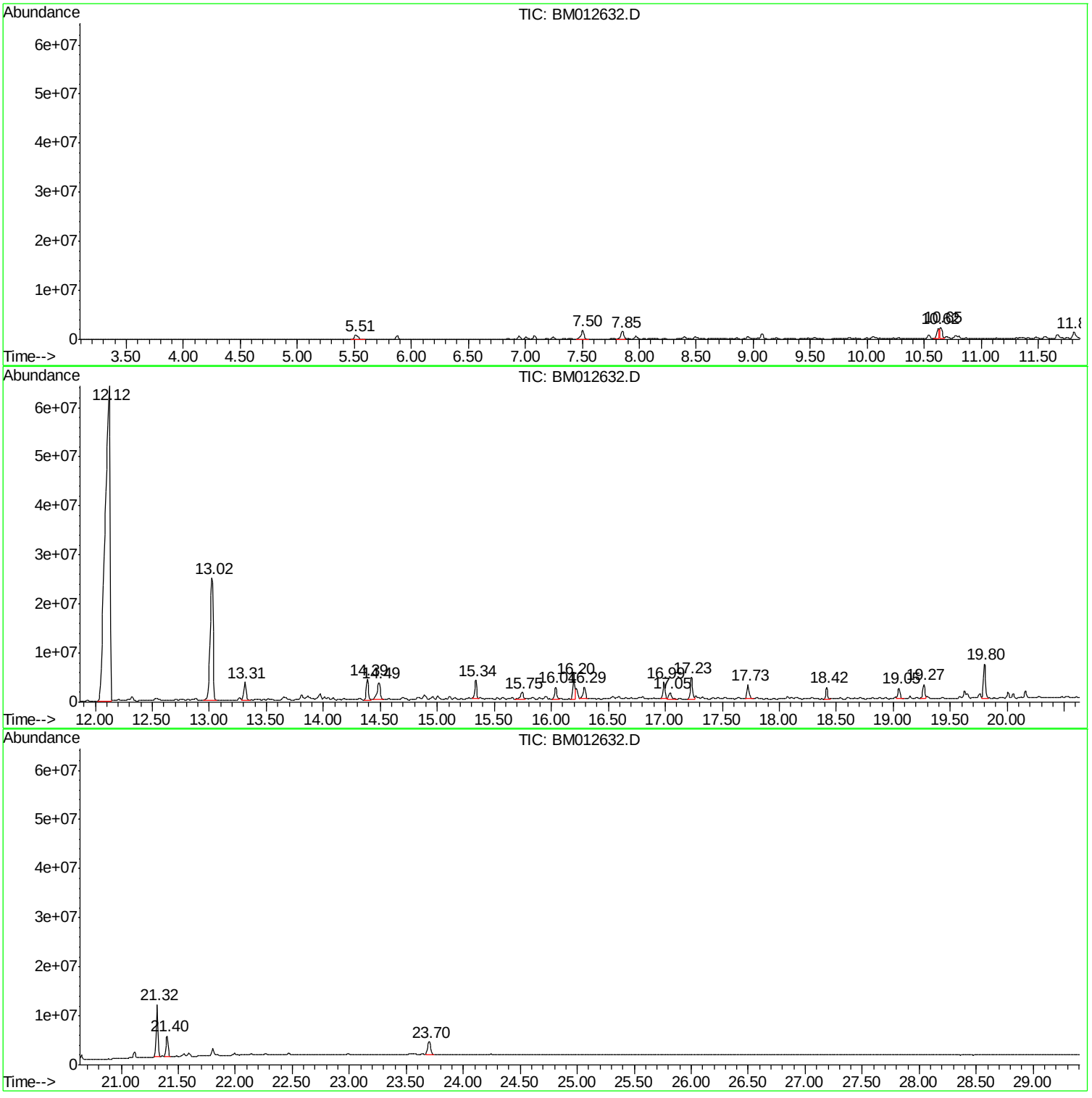
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

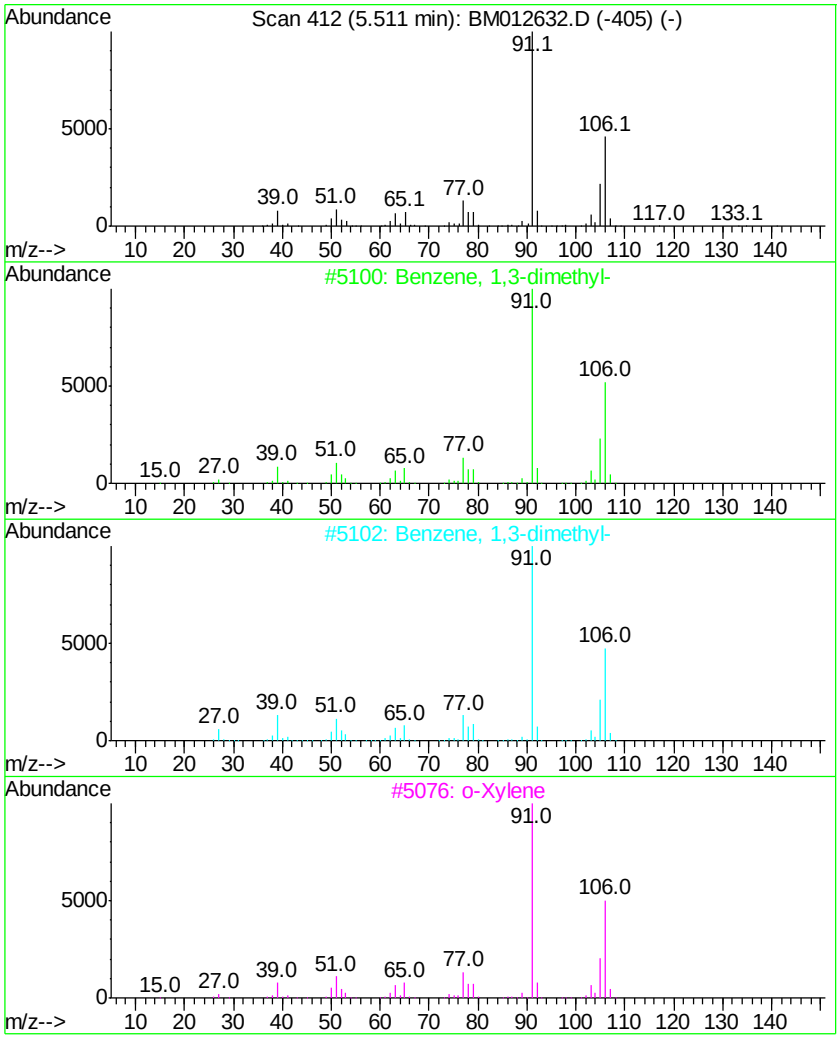
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

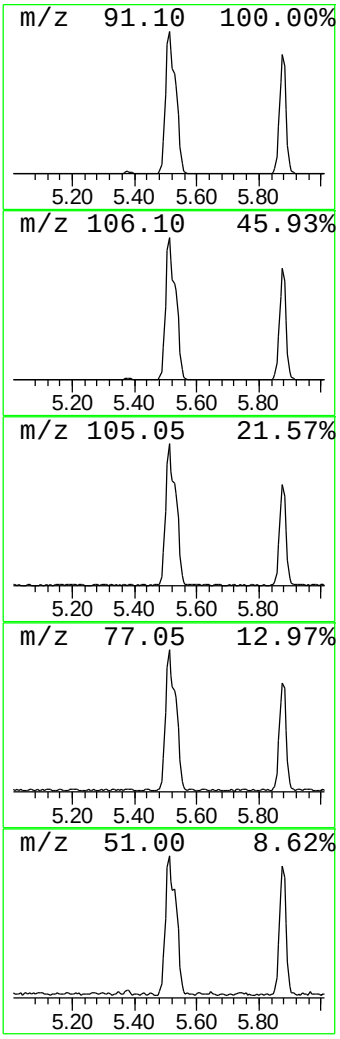
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	13.55 ng/ul	2007640	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	97





Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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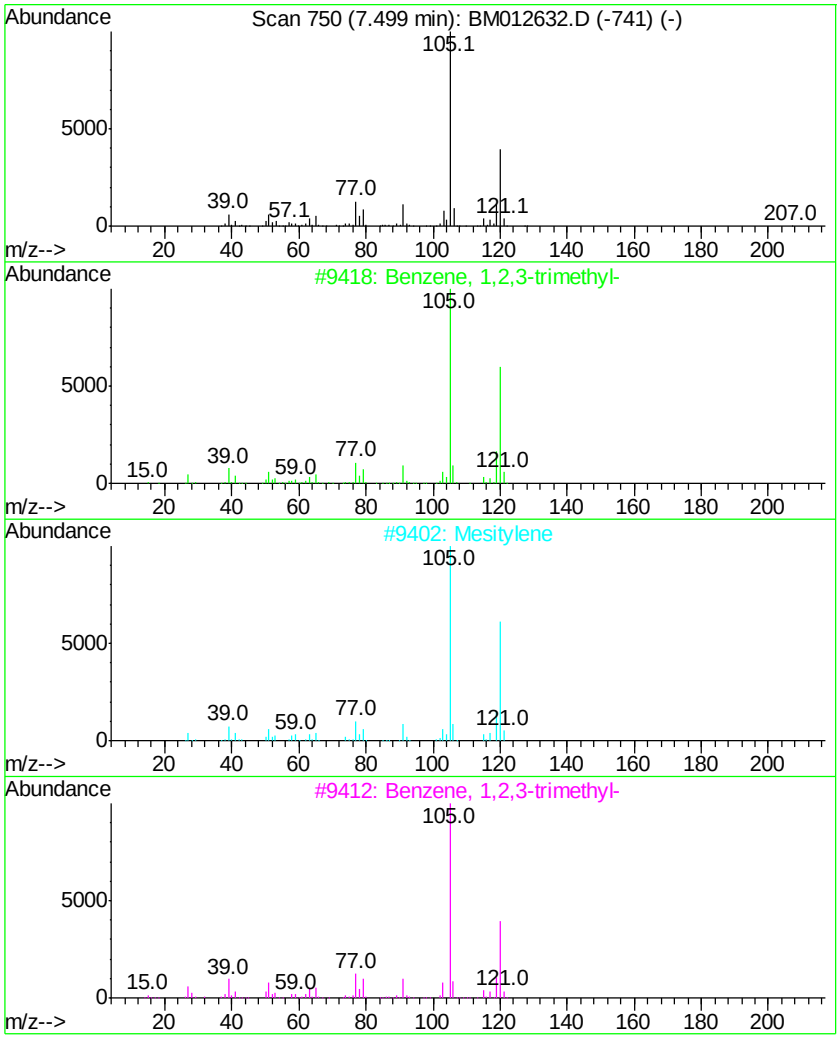
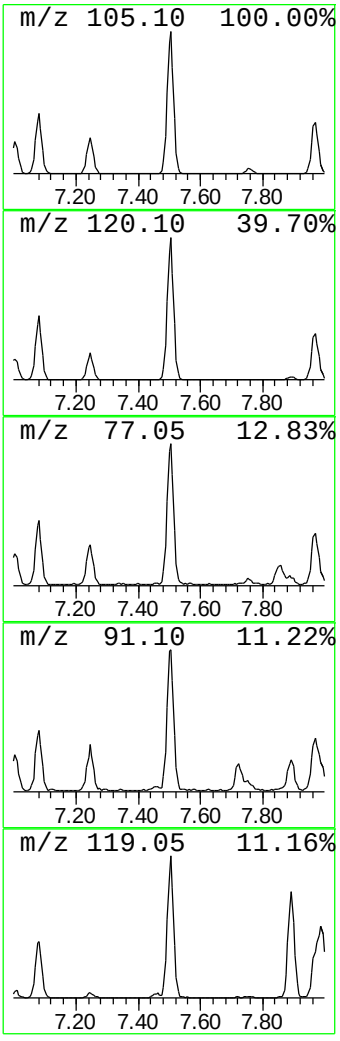
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	21.69 ng/ul	3214210	1,4-Dichlorobenzene-d4	7.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

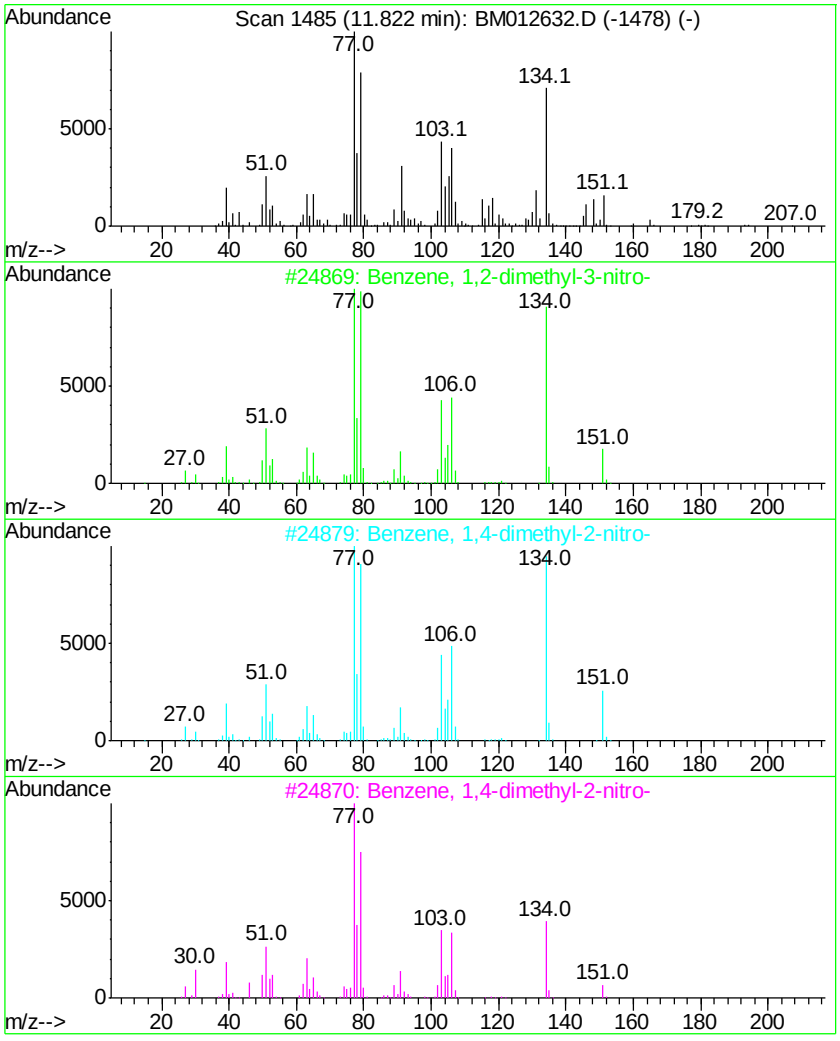
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

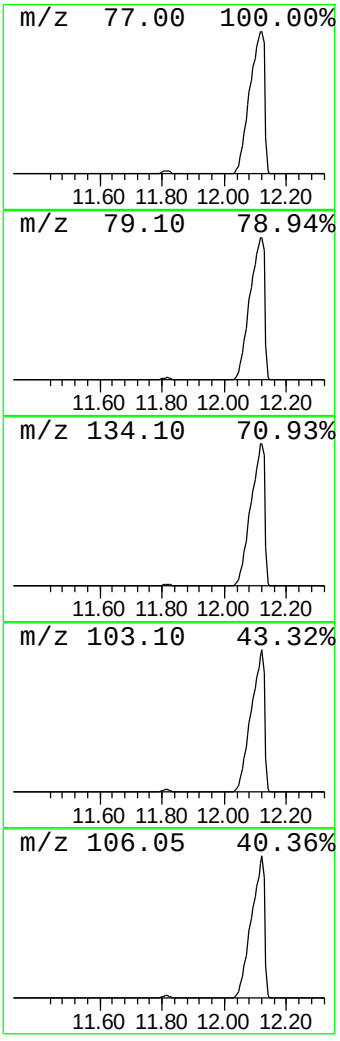
****

Peak Number 3 Benzene, 1,2-dimethyl-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	16.55 ng/ul	2646280	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	94
2	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	93
3	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	87
4	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	87
5	Benzene, 1,3-dimethyl-2-nitro-	151	C8H9NO2	000081-20-9	81





Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

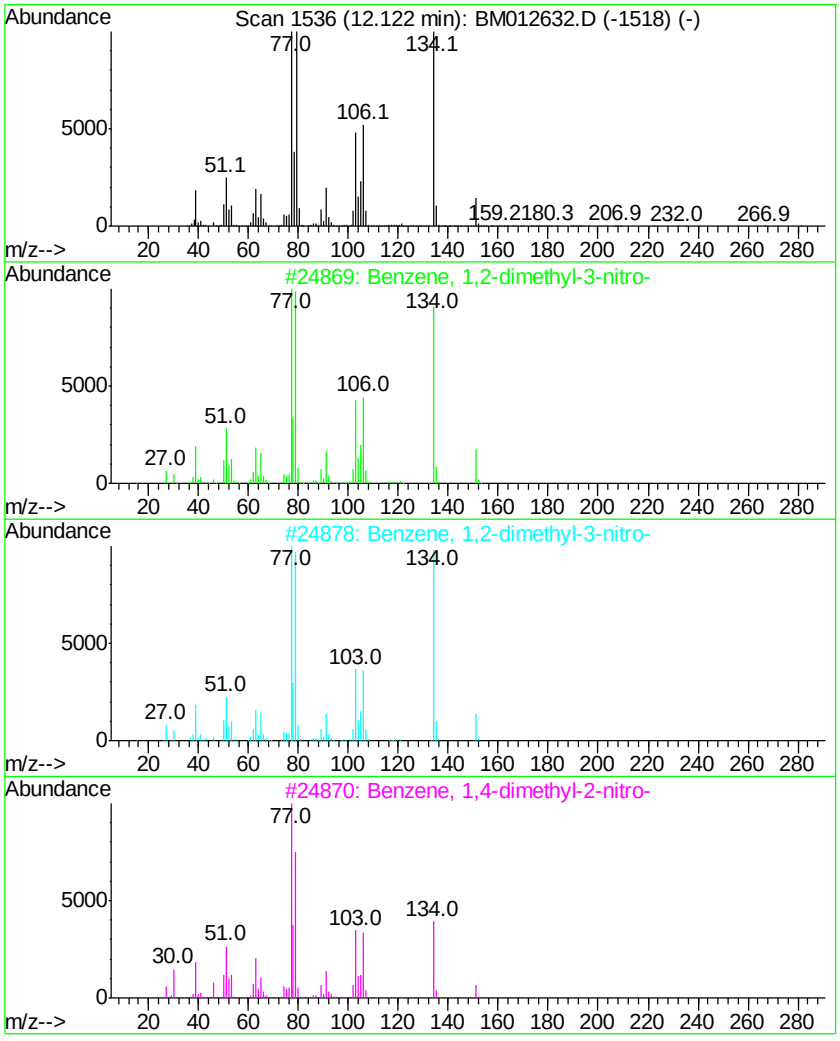
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

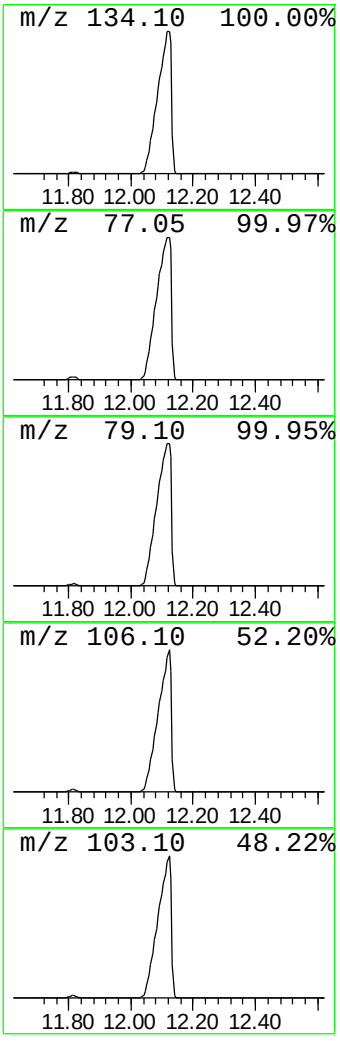
****

Peak Number 4 Benzene, 1,4-dimethyl-2-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	1234.00 ng/ul	197269000	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	98
2	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	98
3	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	94
4	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	91
5	Benzene, 1,3-dimethyl-2-nitro-	151	C8H9NO2	000081-20-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
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Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

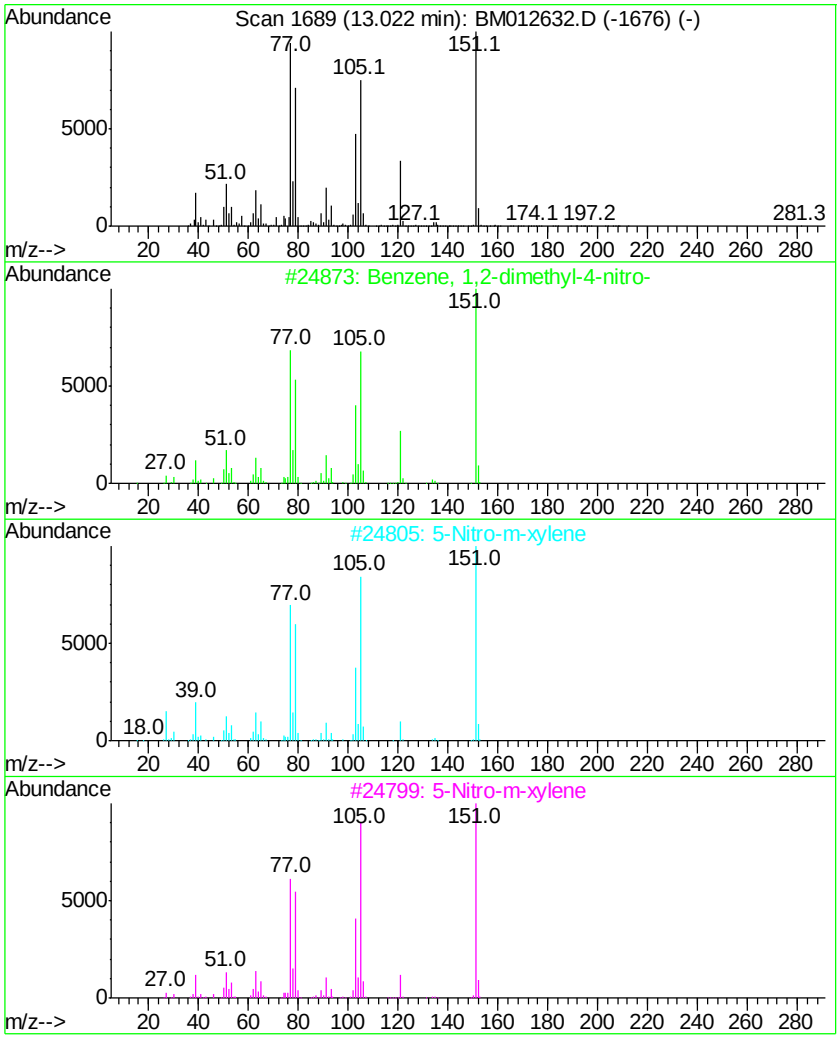
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

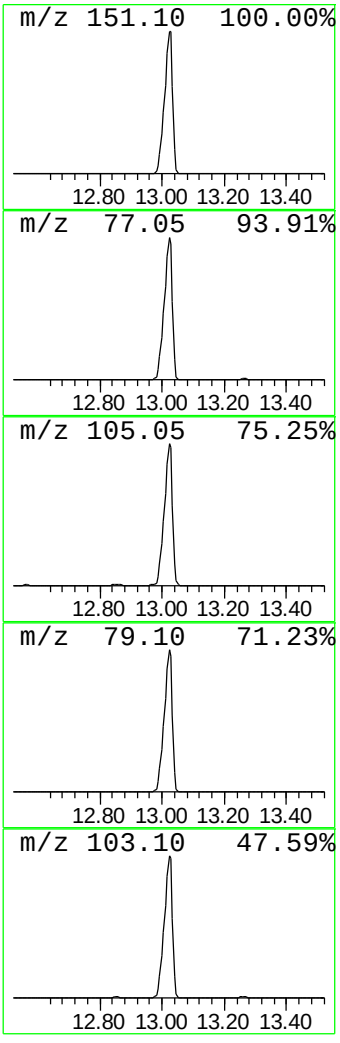
****

Peak Number 5 Benzene, 1,2-dimethyl-4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	137.91 ng/ul	46438600	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	98
2	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	94
3	5-Nitro-m-xylene	151	C8H9NO2	000099-12-7	90
4	Benzene, 1,2-dimethyl-4-nitro-	151	C8H9NO2	000099-51-4	81
5	Phenoxyacetamide	151	C8H9NO2	000621-88-5	46





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Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

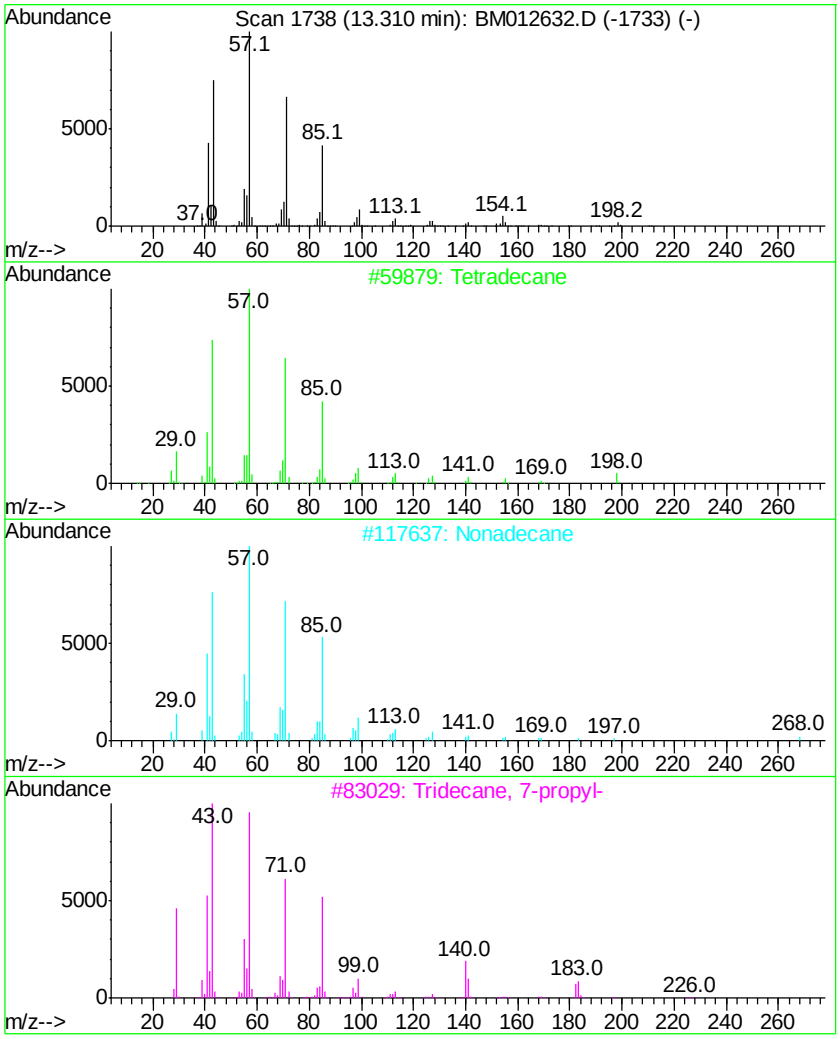
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

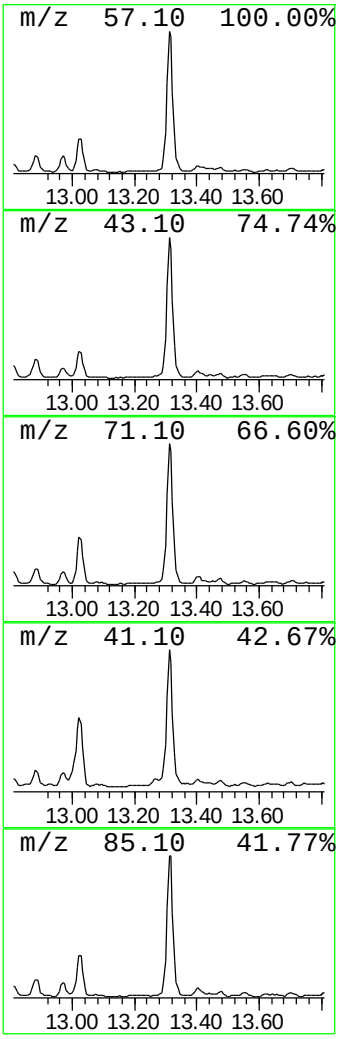
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	16.02 ng/ul	5392660	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Nonadecane	268	C19H40	000629-92-5	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

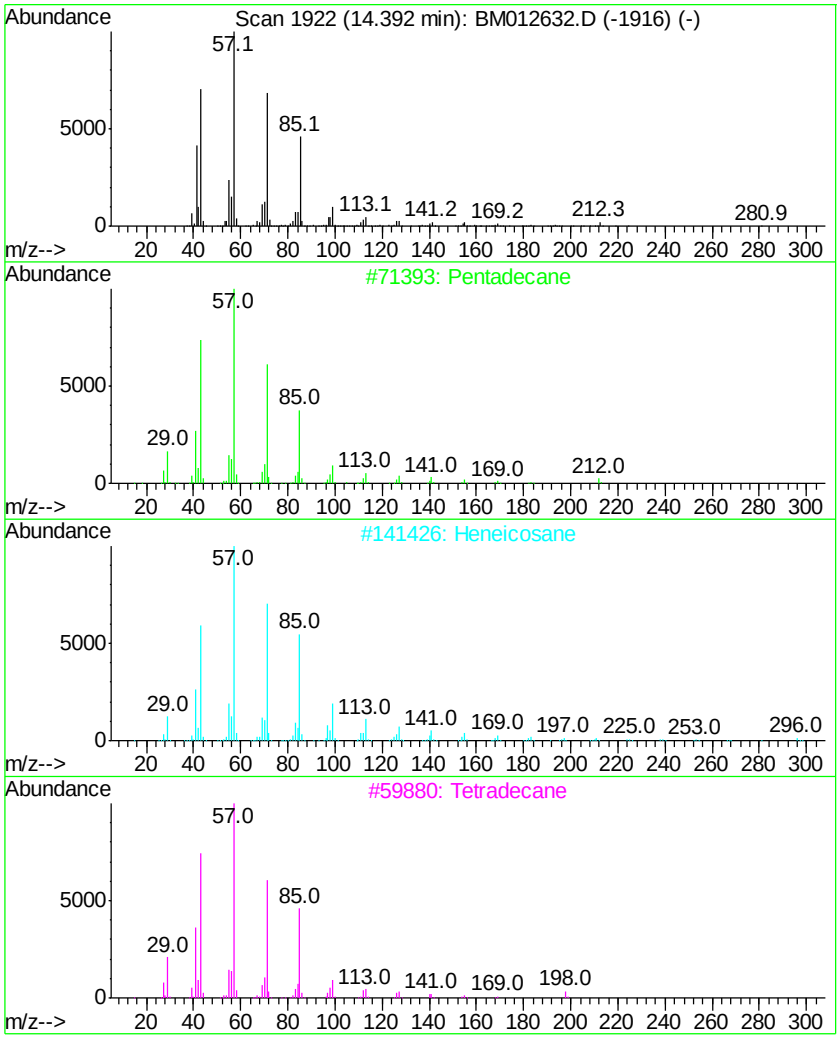
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

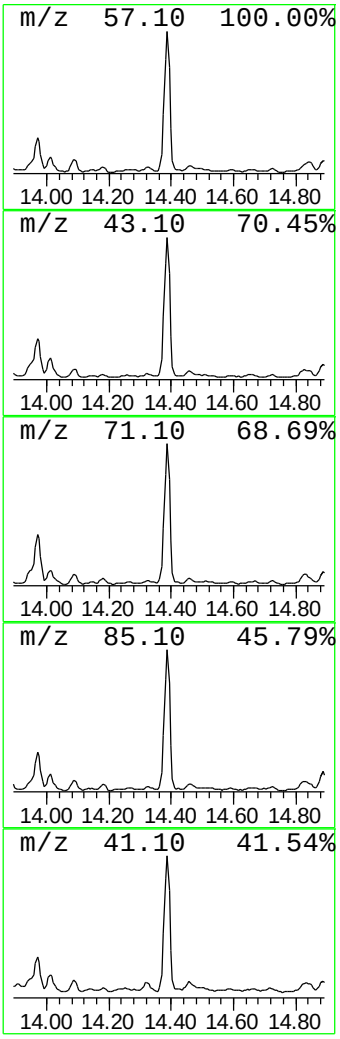
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	16.06 ng/ul	5408670	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane	240	C17H36	000629-78-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

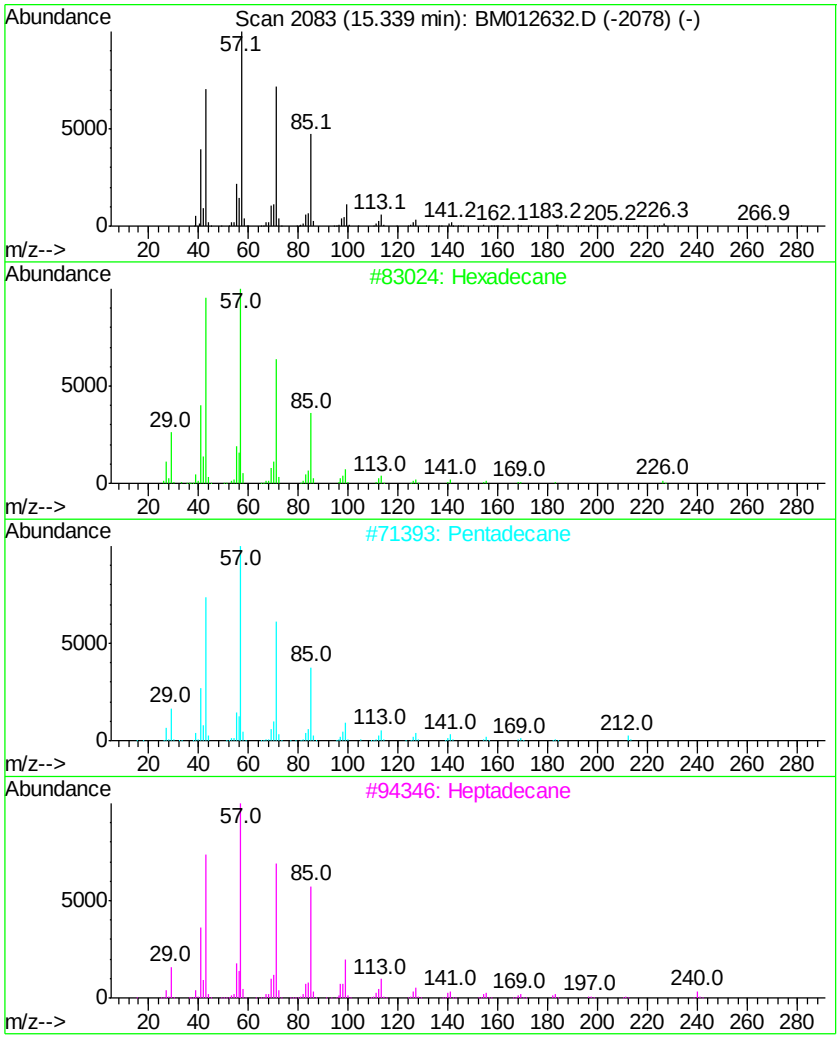
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

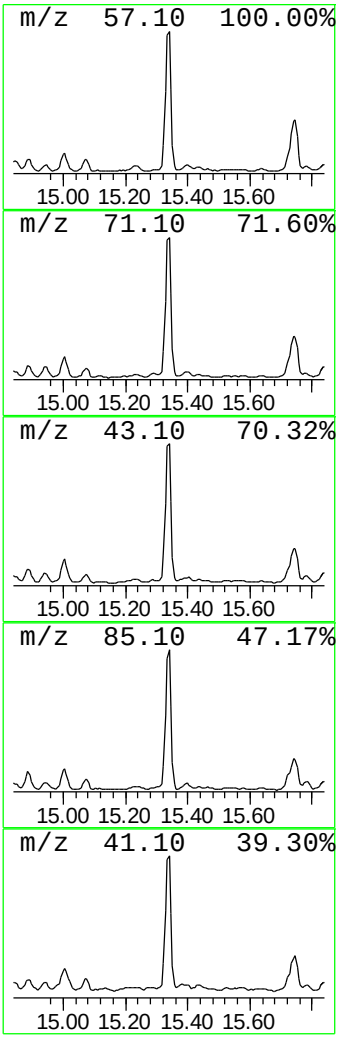
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	13.57 ng/ul	4569950	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86





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Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

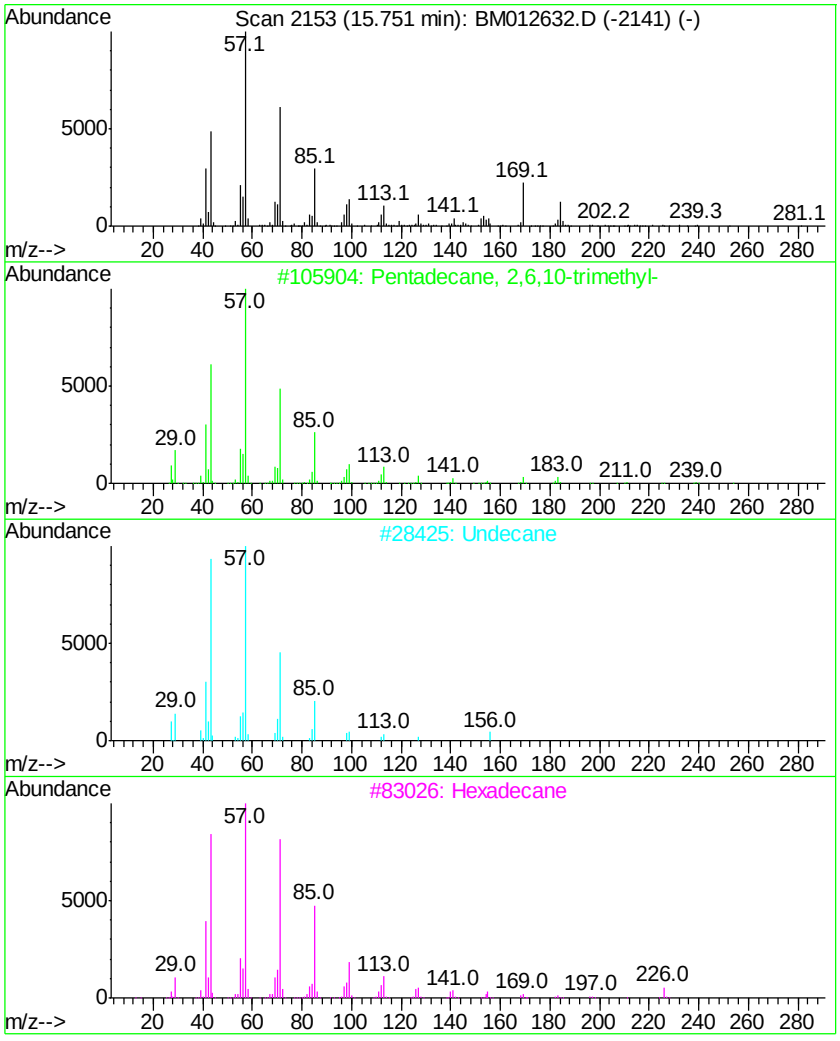
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

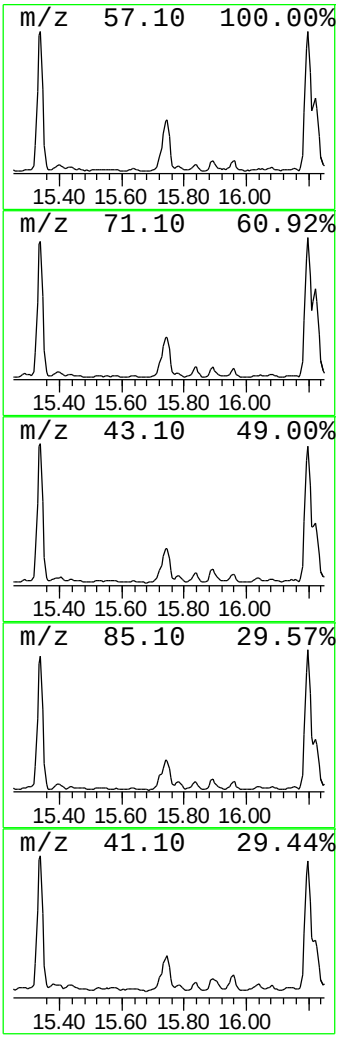
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.75	8.07 ng/ul	2716980	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Undecane	156	C11H24	001120-21-4	64
3	Hexadecane	226	C16H34	000544-76-3	58
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	52





Library Search Compound Report

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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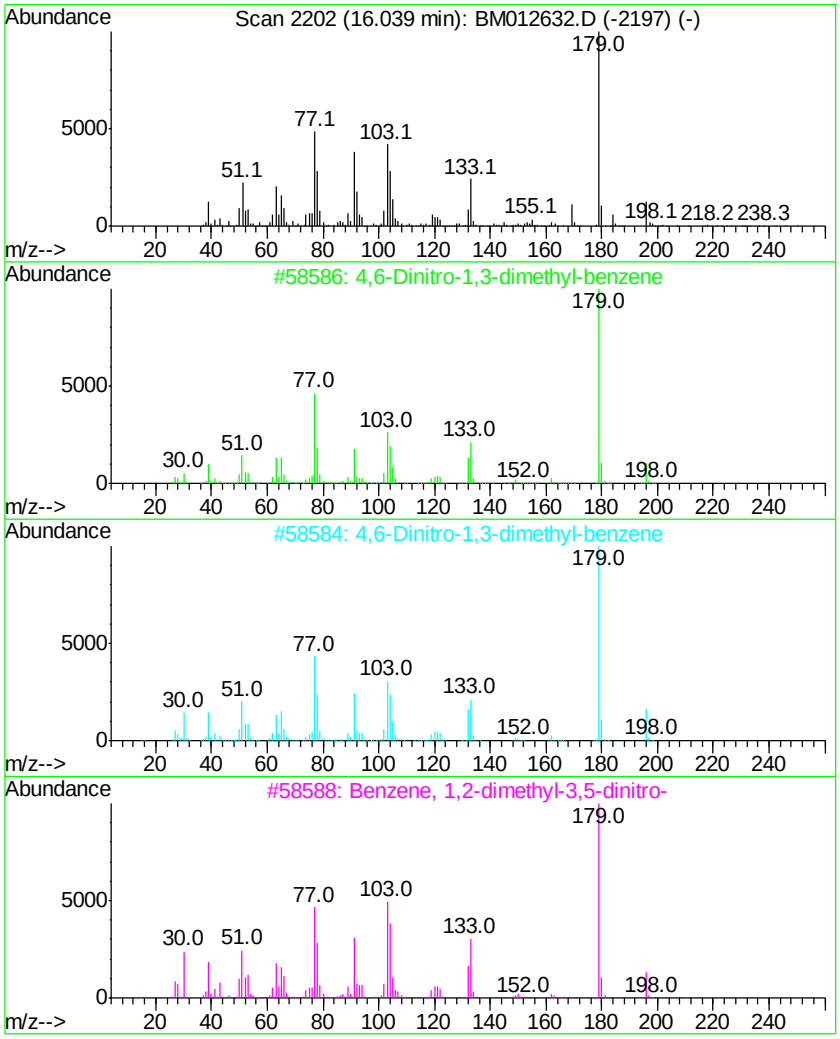
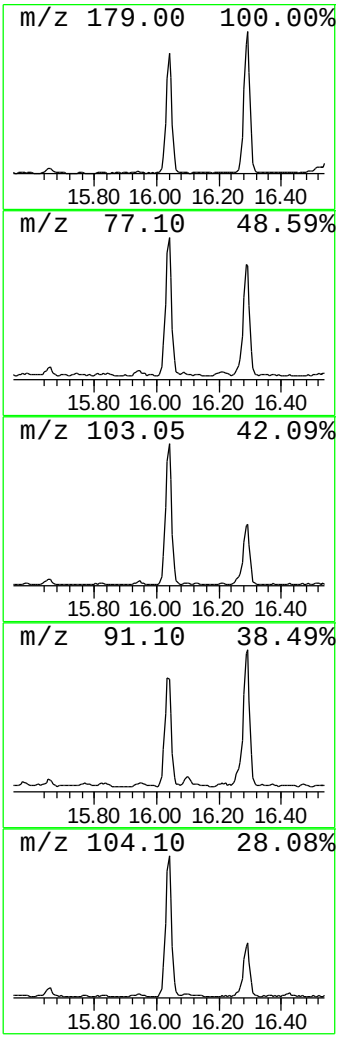
Peak Number 10 4,6-Dinitro-1,3-dimethyl-be... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	10.58 ng/ul	3412550	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000616-72-8	93
2	4,6-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000616-72-8	93
3	Benzene, 1,2-dimethyl-3,5-dinitro-	196	C8H8N2O4	000616-69-3	81
4	2,4-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000603-02-1	53
5	3H-Indazol-3-one, 1,2-dihydro-5-...	179	C7H5N3O3	061346-19-8	41





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

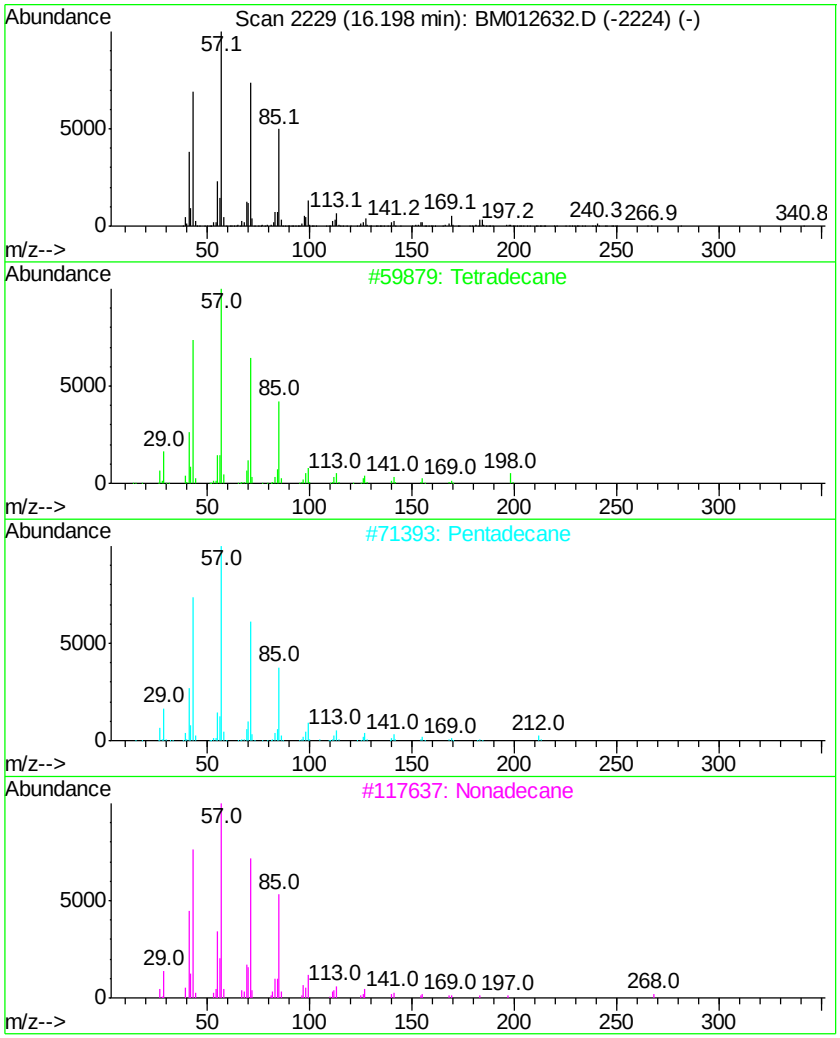
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

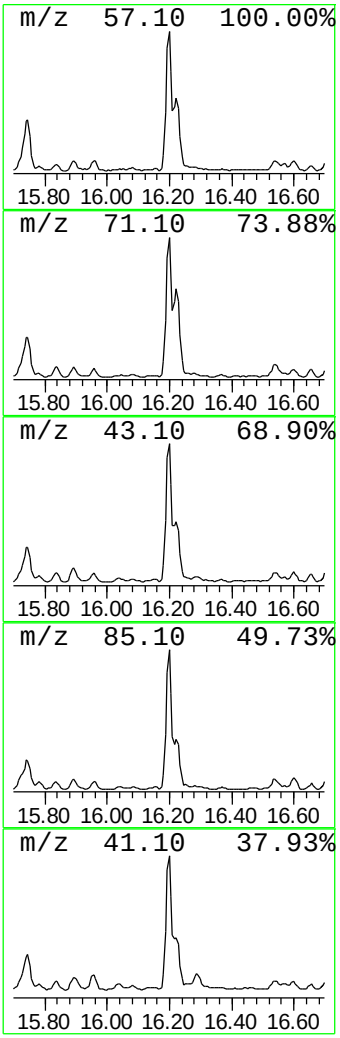
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	16.56 ng/ul	5341740	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Pentadecane	212	C15H32	000629-62-9	91
3	Nonadecane	268	C19H40	000629-92-5	90
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	87
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87





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Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

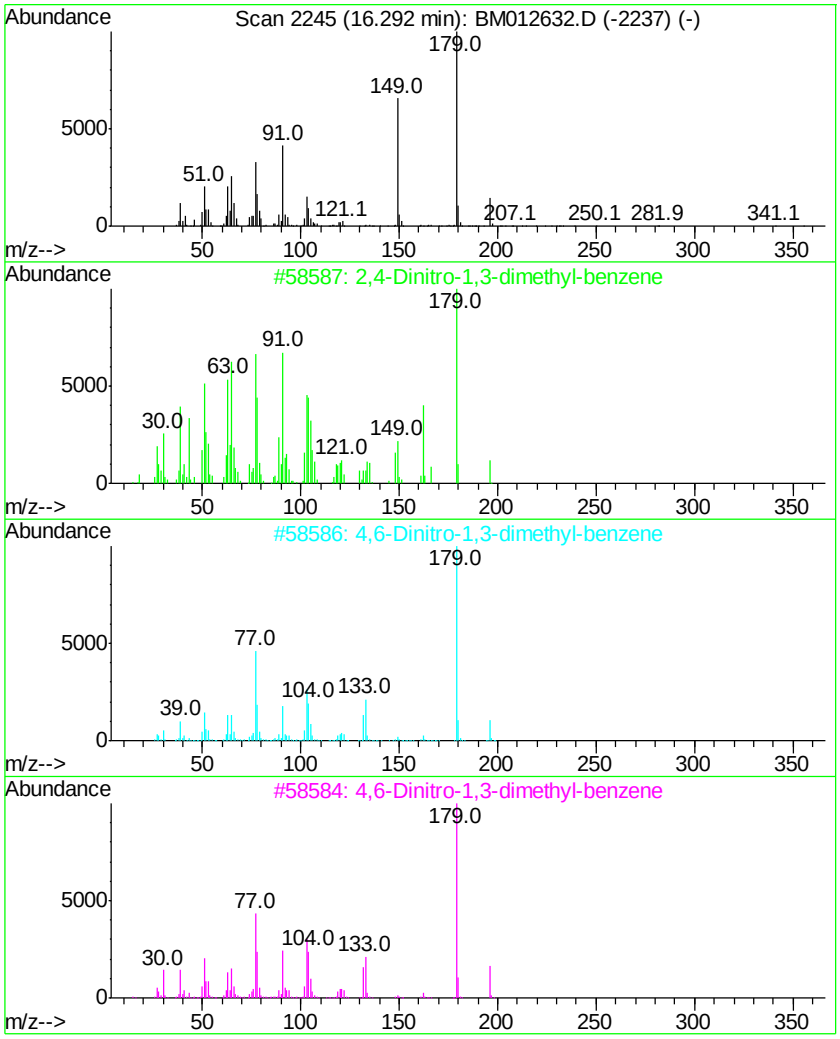
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

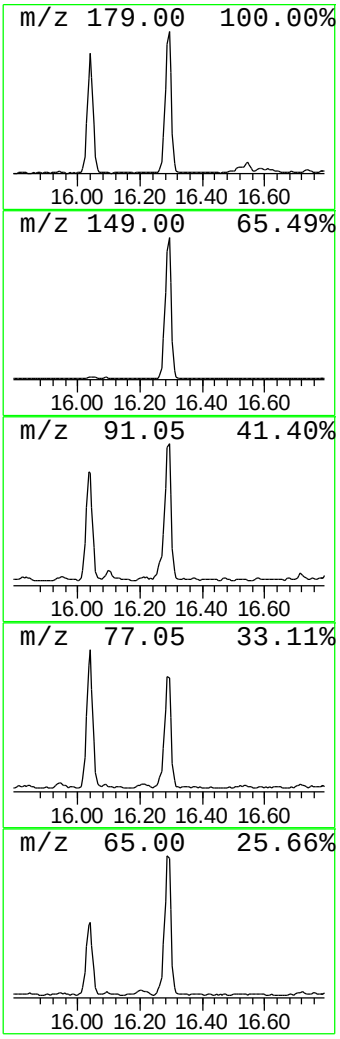
****

Peak Number 12 2,4-Dinitro-1,3-dimethyl-be... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	10.92 ng/ul	3523780	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000603-02-1	74
2	4,6-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000616-72-8	70
3	4,6-Dinitro-1,3-dimethyl-benzene	196	C8H8N2O4	000616-72-8	43
4	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	38
5	Benzothiazole-5-carboxylic acid	179	C8H5NO2S	1000318-45-8	38





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Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

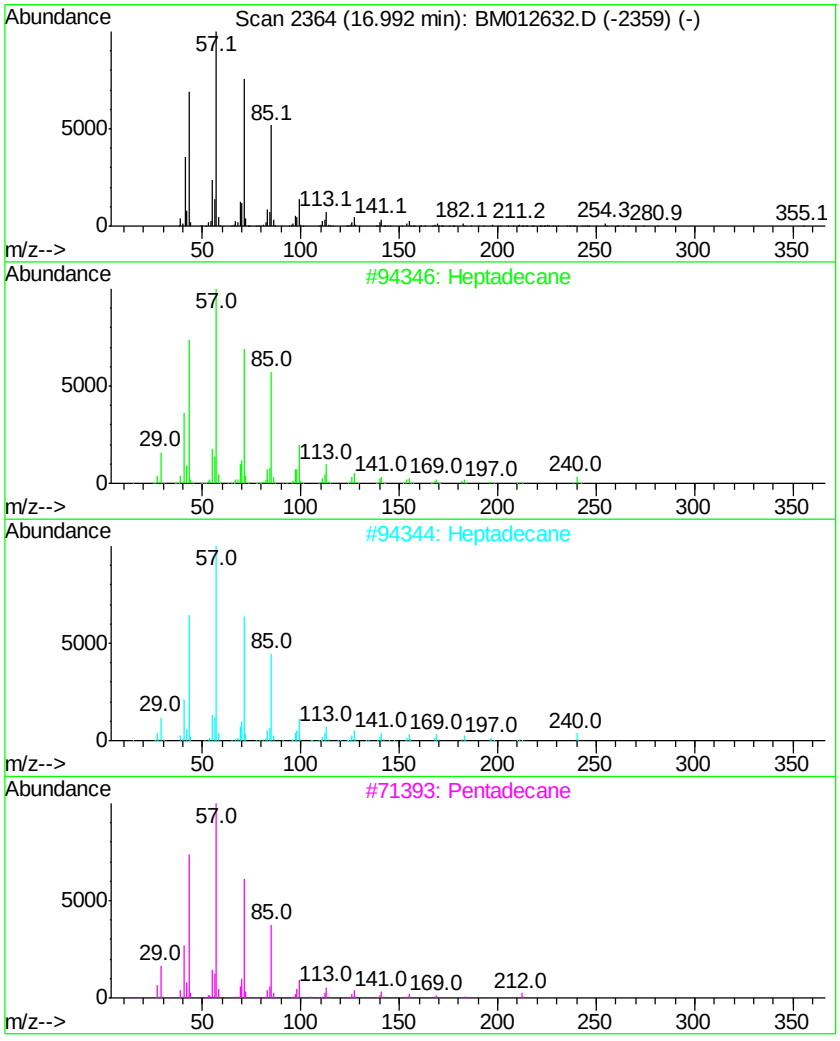
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

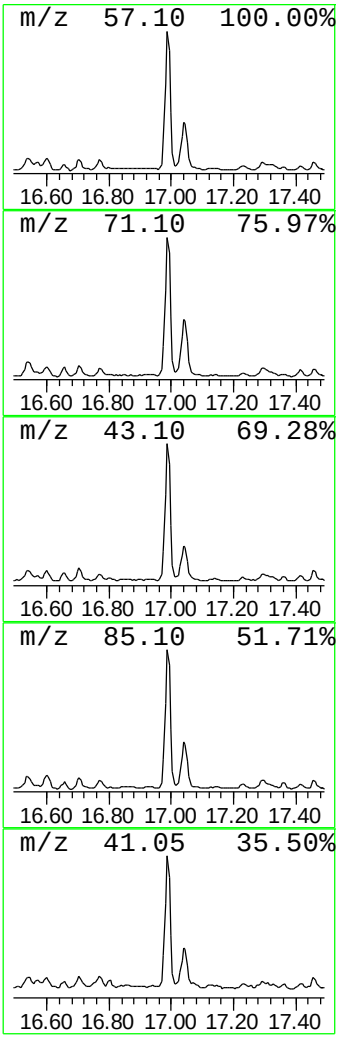
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.99	12.31 ng/ul	3970990	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Heptadecane	240	C17H36	000629-78-7	94
3	Pentadecane	212	C15H32	000629-62-9	91
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

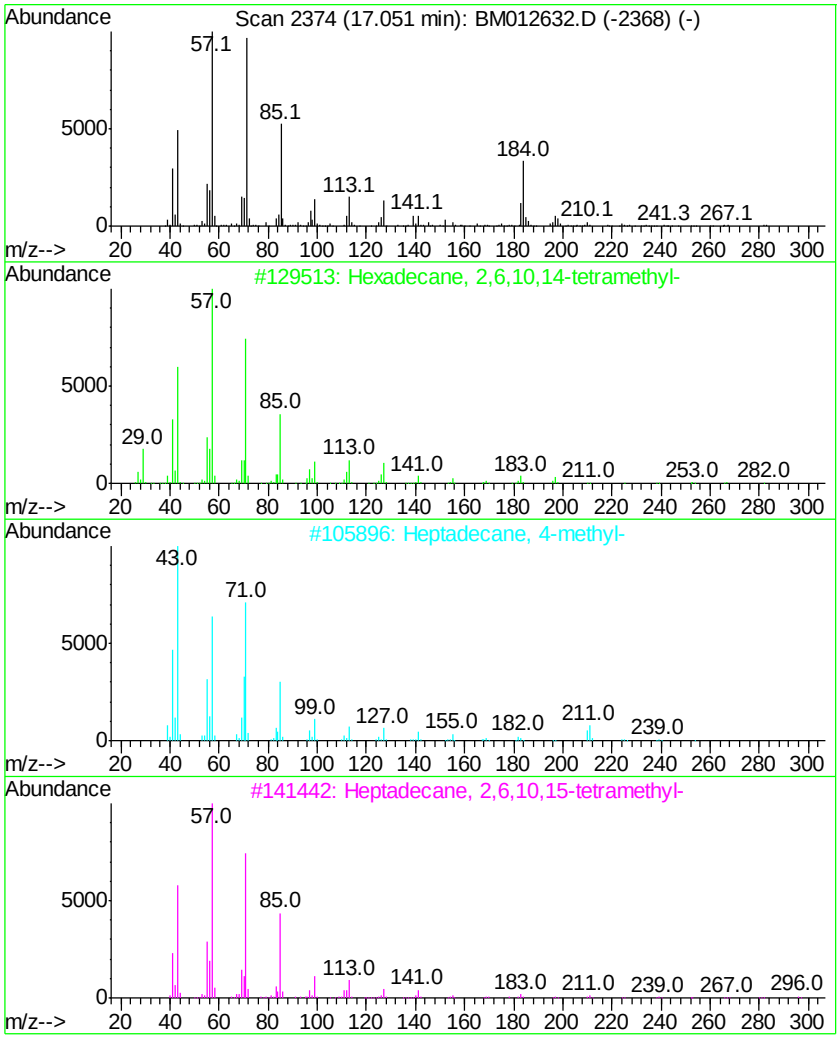
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

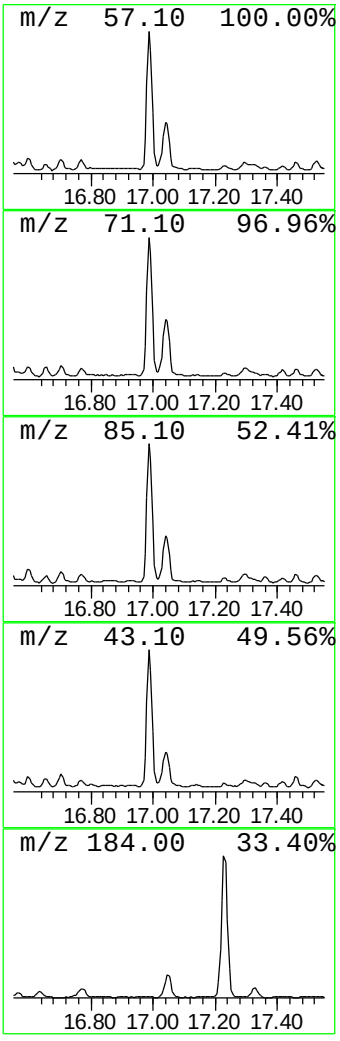
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	7.43 ng/ul	2396170	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	68





Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

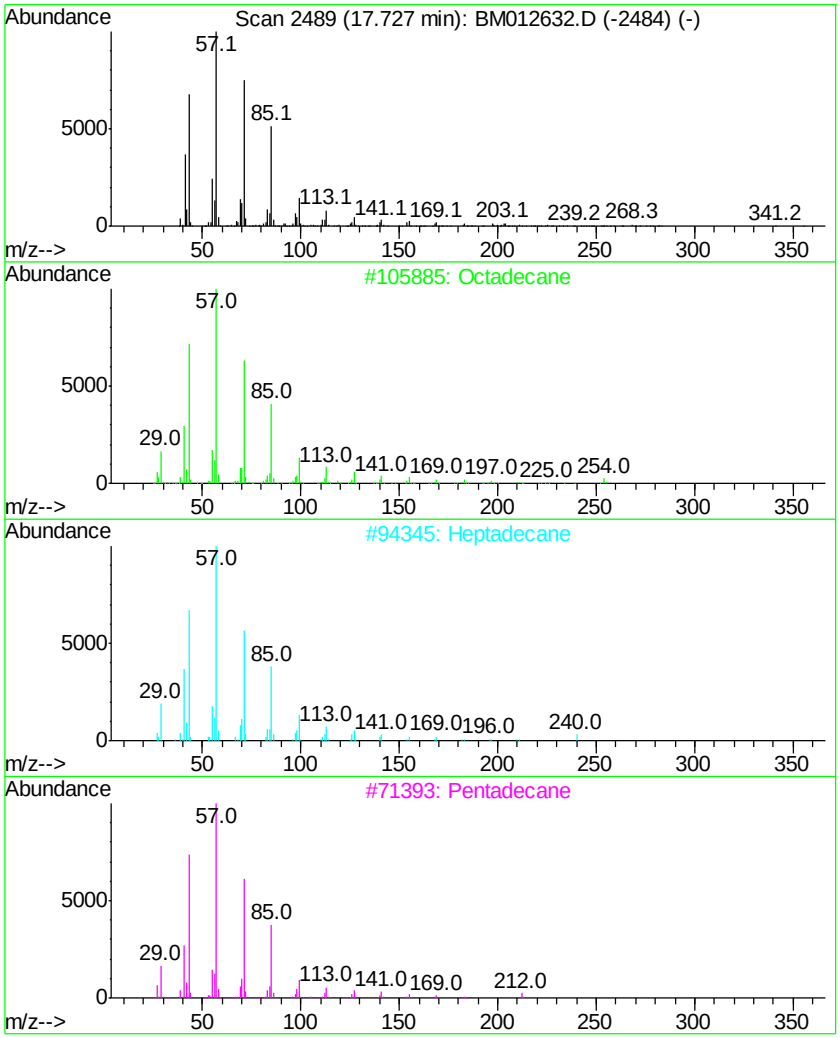
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

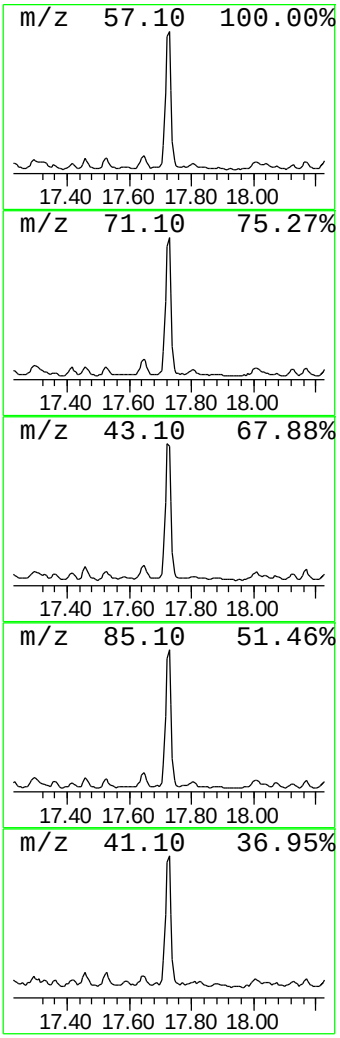
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	11.85 ng/ul	3821290	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane	240	C17H36	000629-78-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Nonadecane	268	C19H40	000629-92-5	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

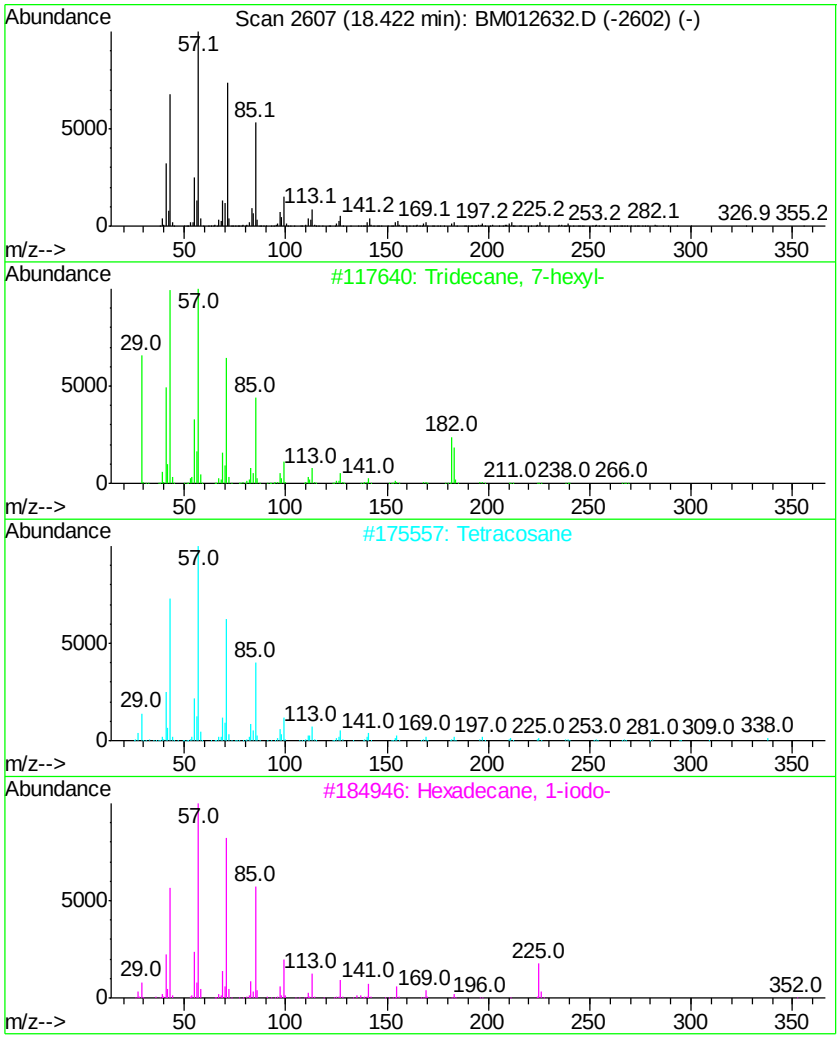
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

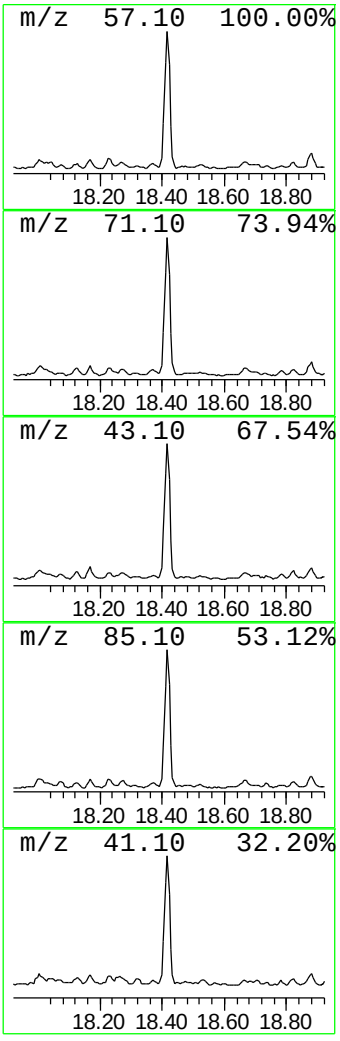
****

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	8.84 ng/ul	2851170	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
4	Hexadecane	226	C16H34	000544-76-3	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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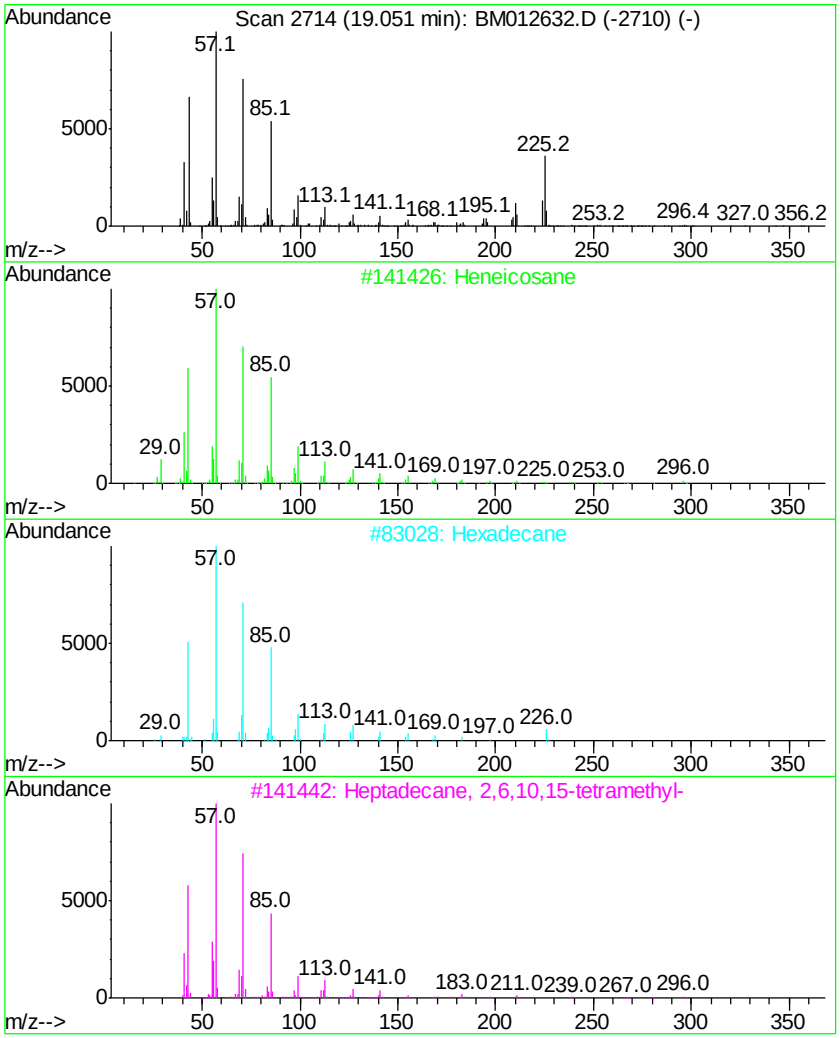
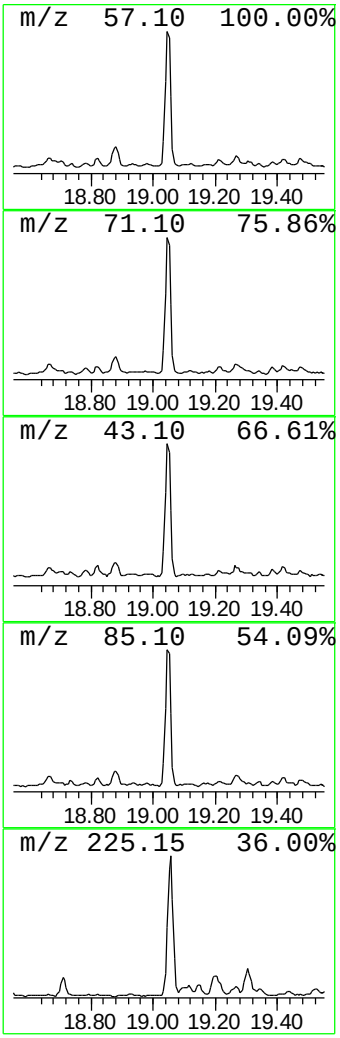
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	8.76 ng/ul	2824290	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
4	Hexadecane	226	C16H34	000544-76-3	89
5	Hexadecane	226	C16H34	000544-76-3	83





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Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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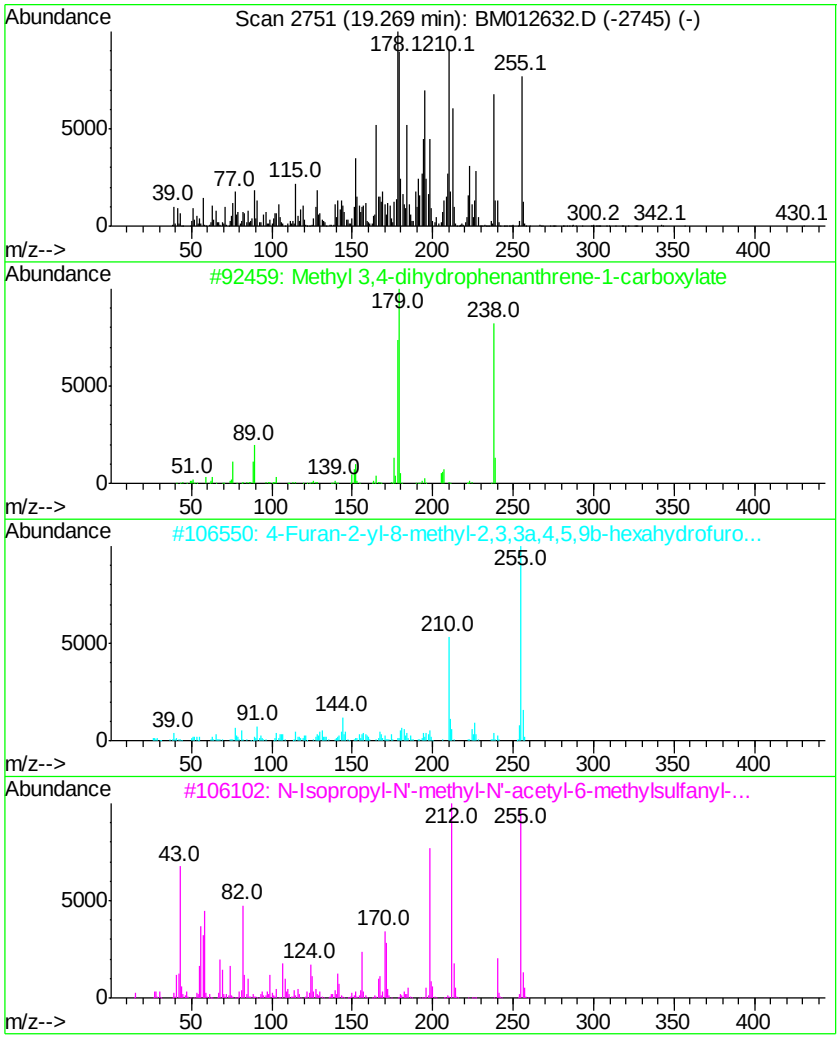
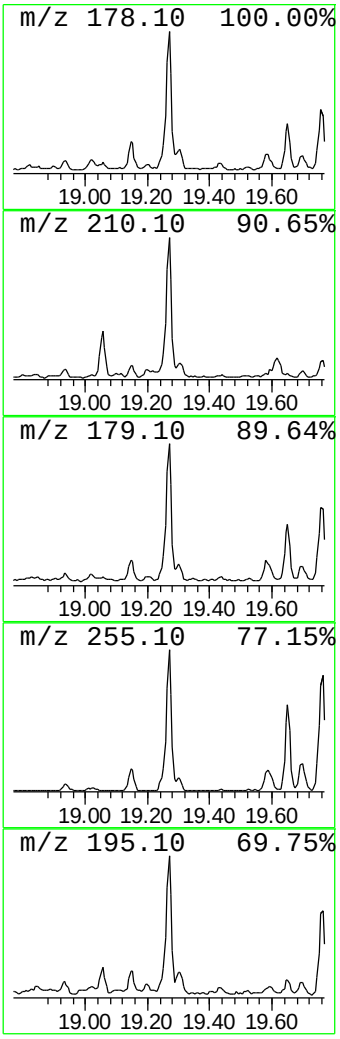
Peak Number 18 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	11.30 ng/ul	3645300	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 3,4-dihydrophenanthrene-1...	238	C16H14O2	1000255-03-3	47
2	4-Furan-2-yl-8-methyl-2,3,3a,4,5...	255	C16H17NO2	1000310-51-2	38
3	N-Isopropyl-N'-methyl-N'-acetyl-...	255	C10H17N5OS	1000372-99-3	35
4	Benzene, 1-methoxy-3-(2-phenylet...	210	C15H14O	015638-11-6	25
5	1,1'-Biphenyl, 3,4-diethyl-	210	C16H18	061141-66-0	25





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Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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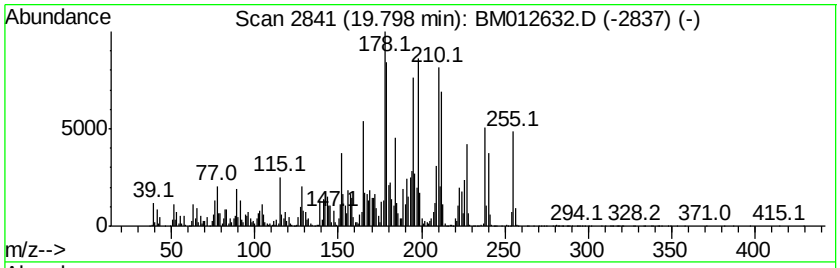
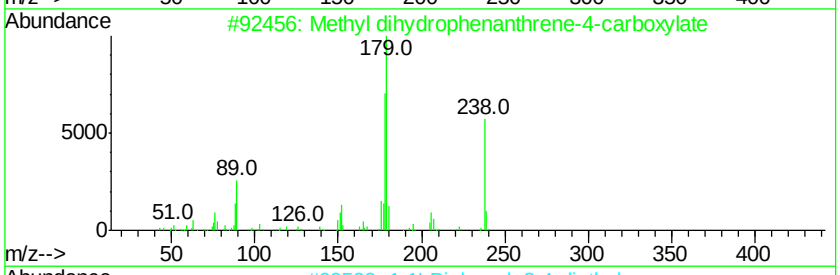
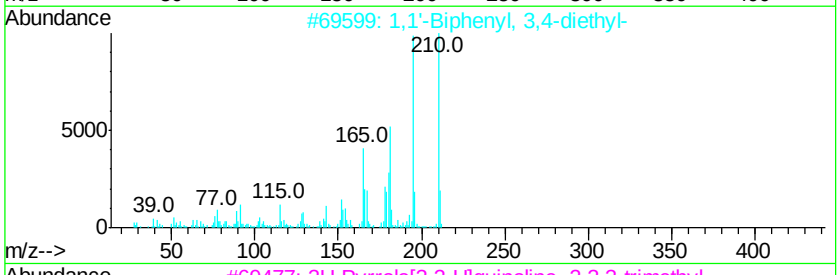
Peak Number 19 unknown-02 Concentration Rank 3

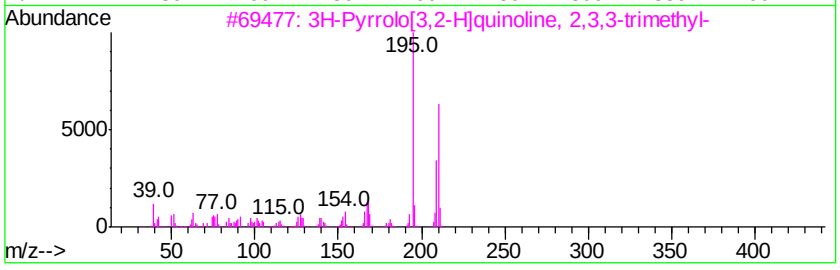
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	32.07 ng/ul	8663210	Chrysene-d12	21.40

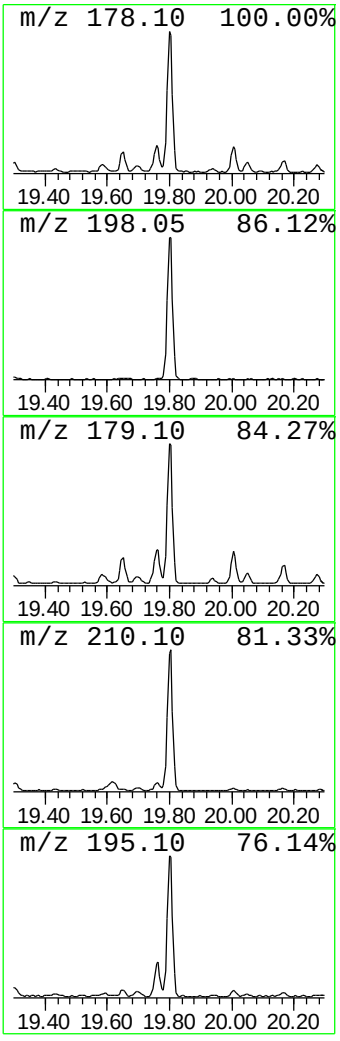
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl dihydrophenanthrene-4-car...	238	C16H14O2	101110-12-7	46
2	1,1'-Biphenyl, 3,4-diethyl-	210	C16H18	061141-66-0	35
3	3H-Pyrrolo[3,2-H]quinoline, 2,3,...	210	C14H14N2	083958-38-7	25
4	Acridine 10-oxide	195	C13H9NO	010399-73-2	18
5	4-(2-p-Tolylvinyl)benzoic acid	238	C16H14O2	043122-74-3	15











Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM103117\
Data File : BM012632.D
Acq On : 01 Nov 2017 09:22
Operator : SJ/JU
Sample : I5873-05DL 25X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-16(7-7.75)_1012117DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.51	13.6	ng/ul	2007640	1	7.85	2963370	20.0
Benzene, 1,2,3-tr...	7.50	21.7	ng/ul	3214210	1	7.85	2963370	20.0
Benzene, 1,2-dime...	11.82	16.6	ng/ul	2646280	2	10.65	3197220	20.0
Benzene, 1,4-dime...	12.12	1234.0	ng/ul	197269000	2	10.65	3197220	20.0
Benzene, 1,2-dime...	13.02	137.9	ng/ul	46438600	3	14.49	6734520	20.0
(DEL) Alkane: Str...	13.31	16.0	ng/ul	5392660	3	14.49	6734520	20.0
(DEL) Alkane: Str...	14.39	16.1	ng/ul	5408670	3	14.49	6734520	20.0
(DEL) Alkane: Str...	15.34	13.6	ng/ul	4569950	3	14.49	6734520	20.0
(DEL) Alkane: Str...	15.75	8.1	ng/ul	2716980	3	14.49	6734520	20.0
4,6-Dinitro-1,3-d...	16.04	10.6	ng/ul	3412550	4	17.23	6450980	20.0
(DEL) Alkane: Str...	16.20	16.6	ng/ul	5341740	4	17.23	6450980	20.0
2,4-Dinitro-1,3-d...	16.29	10.9	ng/ul	3523780	4	17.23	6450980	20.0
(DEL) Alkane: Str...	16.99	12.3	ng/ul	3970990	4	17.23	6450980	20.0
(DEL) Alkane: Str...	17.05	7.4	ng/ul	2396170	4	17.23	6450980	20.0
(DEL) Alkane: Str...	17.73	11.9	ng/ul	3821290	4	17.23	6450980	20.0
(DEL) Alkane: Str...	18.42	8.8	ng/ul	2851170	4	17.23	6450980	20.0
(DEL) Alkane: Str...	19.05	8.8	ng/ul	2824290	4	17.23	6450980	20.0
unknown-01	19.27	11.3	ng/ul	3645300	4	17.23	6450980	20.0
unknown-02	19.80	32.1	ng/ul	8663210	5	21.40	5402840	20.0