LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

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:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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	4.299	201	206	224	rVB	2717244	3694510	44.52%	8.087%
2	4.904	303	309	319	rBV	3079323	4102199	49.43%	8.979%
3	5.363	381	387	398	rBV	580336	890935	10.74%	1.950%
4	6.957	650	658	673	rBV	1362900	2176498	26.23%	4.764%
5	7.310	710	718	730	rBV	691152	1096598	13.21%	2.400%
6	7.769	791	796	804	rBV	330917	555507	6.69%	1.216%
7	8.093	843	851	864	rVB	1254087	2074114	24.99%	4.540%
8	8.945	988	996	1010	rBV	1201717	2003061	24.14%	4.384%
9	10.569	1265	1272	1278	rBV	470727	769509	9.27%	1.684%
10	11.957	1503	1508	1514	rBV	70624	111678	1.35%	0.244%
11	13.039	1685	1692	1699	rBV	2813205	3995452	48.14%	8.745%
12	13.210	1715	1721	1728	rBV	175530	264710	3.19%	0.579%
13	13.745	1806	1812	1817	rBV6	54103	103146	1.24%	0.226%
14	13.880	1827	1835	1840	rBV2	312277	530584	6.39%	1.161%
15	14.292	1900	1905	1912	rBV	291337	376679	4.54%	0.824%
16	14.427	1922	1928	1938	rVB2	698406	1057534	12.74%	2.315%
17	14.633	1959	1963	1971	rVB5	40975	84613	1.02%	0.185%
18	14.739	1973	1981	1987	rBV9	27669	91456	1.10%	0.200%
19	14.910	2004	2010	2018	rBV5	79541	162915	1.96%	0.357%
20	15.251	2063	2068	2073	rVB	386379	492569	5.94%	1.078%
21	15.651	2130	2136	2141	rBV	119180	221664	2.67%	0.485%
22	15.933	2178	2184	2191	rBV	265181	438379	5.28%	0.960%
23	16.116	2210	2215	2230	rVB	475600	928906	11.19%	2.033%
24	16.698	2308	2314	2317	rBV6	41286	90750	1.09%	0.199%
25	16.910	2346	2350	2354	rBV	378515	450574	5.43%	0.986%
26	16.957	2354	2358	2362	rVB2	115020	164423	1.98%	0.360%
27	17.186	2388	2397	2401	rBV	1024008	1545386	18.62%	3.383%
28	17.227	2401	2404	2410	rVB2	88899	148925	1.79%	0.326%
29	17.645	2471	2475	2482	rVB	391264	483365	5.82%	1.058%
30	17.927	2516	2523	2529	rBV10	38358	100503	1.21%	0.220%
31	18.057	2540	2545	2548	rBV2	95730	150094	1.81%	0.329%
32	18.104	2548	2553	2558	rVB2	102506	176889	2.13%	0.387%
33	18.245	2573	2577	2581	rBV6	56188	88453	1.07%	0.194%
34	18.339	2589	2593	2599	rBV	426529	501982	6.05%	1.099%

LSC Area Percent Report

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Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

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:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.804	2668	2672	2677	rVB2	100459	145055	1.75%	0.318%
36	18.857	2678	2681	2685	rVV4	68328	84456	1.02%	0.185%
37	18.974	2697	2701	2706	rBV2	442118	537634	6.48%	1.177%
38	19.345	2761	2764	2771	rVB5	51728	85157	1.03%	0.186%
39	19.557	2796	2800	2805	rVB	276847	300271	3.62%	0.657%
40	19.615	2805	2810	2818	rBV4	92683	174352	2.10%	0.382%
41	19.809	2837	2843	2848	rVB	7142424	8298854	100.00%	18.165%
42	19.951	2864	2867	2871	rBV5	73800	92394	1.11%	0.202%
43	20.092	2888	2891	2895	rVB2	245931	262177	3.16%	0.574%
44	20.268	2918	2921	2926	rVB4	86803	119953	1.45%	0.263%
45	20.586	2972	2975	2978	rBV2	224152	246720	2.97%	0.540%
46	21.056	3051	3055	3059	rVB	556760	671574	8.09%	1.470%
47	21.198	3076	3079	3083	rBV4	132047	190068	2.29%	0.416%
48	21.374	3104	3109	3118	rVB	1743886	2234193	26.92%	4.890%
49	21.486	3126	3128	3133	rVB	171320	164013	1.98%	0.359%
50	23.674	3494	3500	3509	rVB	980739	1954771	23.55%	4.279%

Sum of corrected areas: 45686202

LSC Report - Integrated Chromatogram

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Data File : BM009948.D
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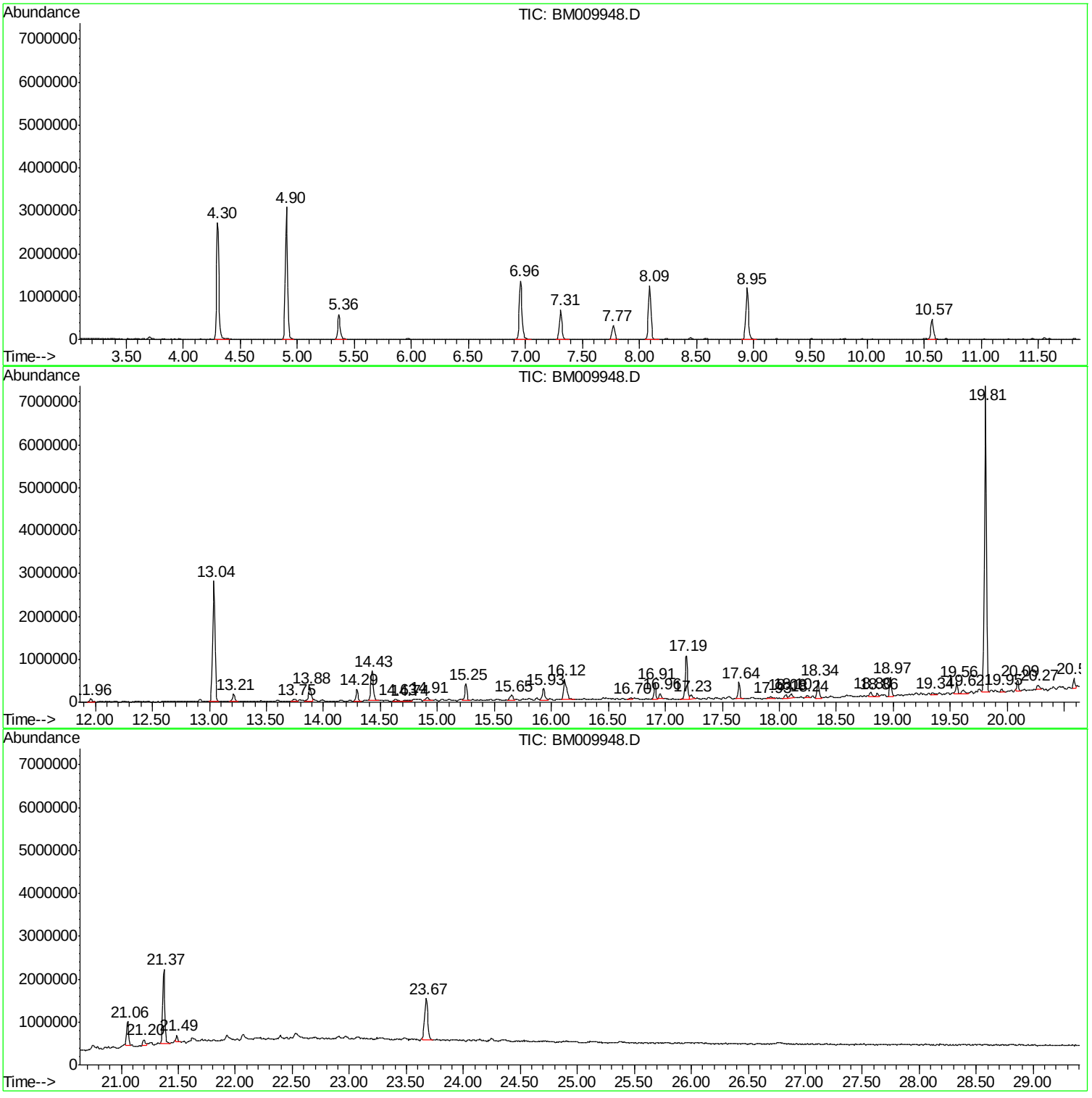
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

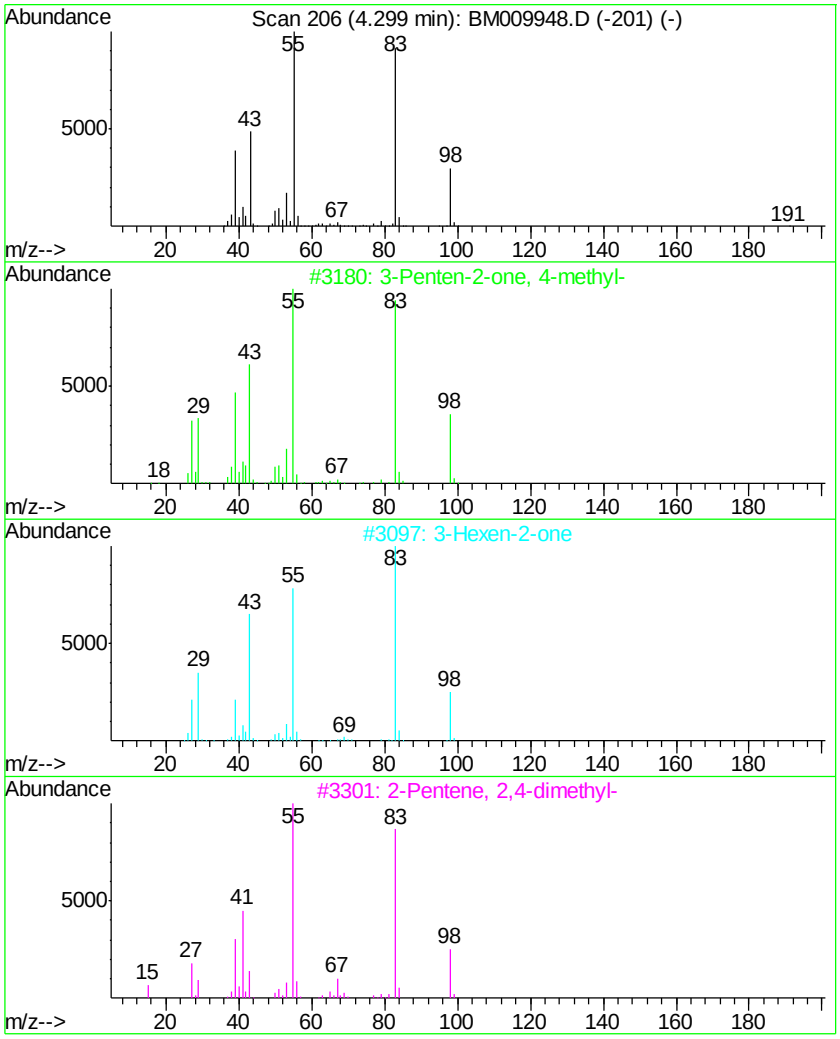
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

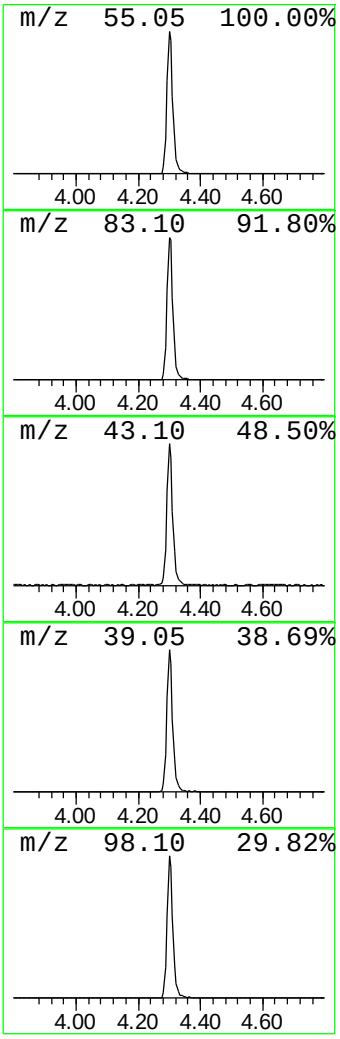
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	133.01 ng	3694510	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	64
3	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	64
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	59
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

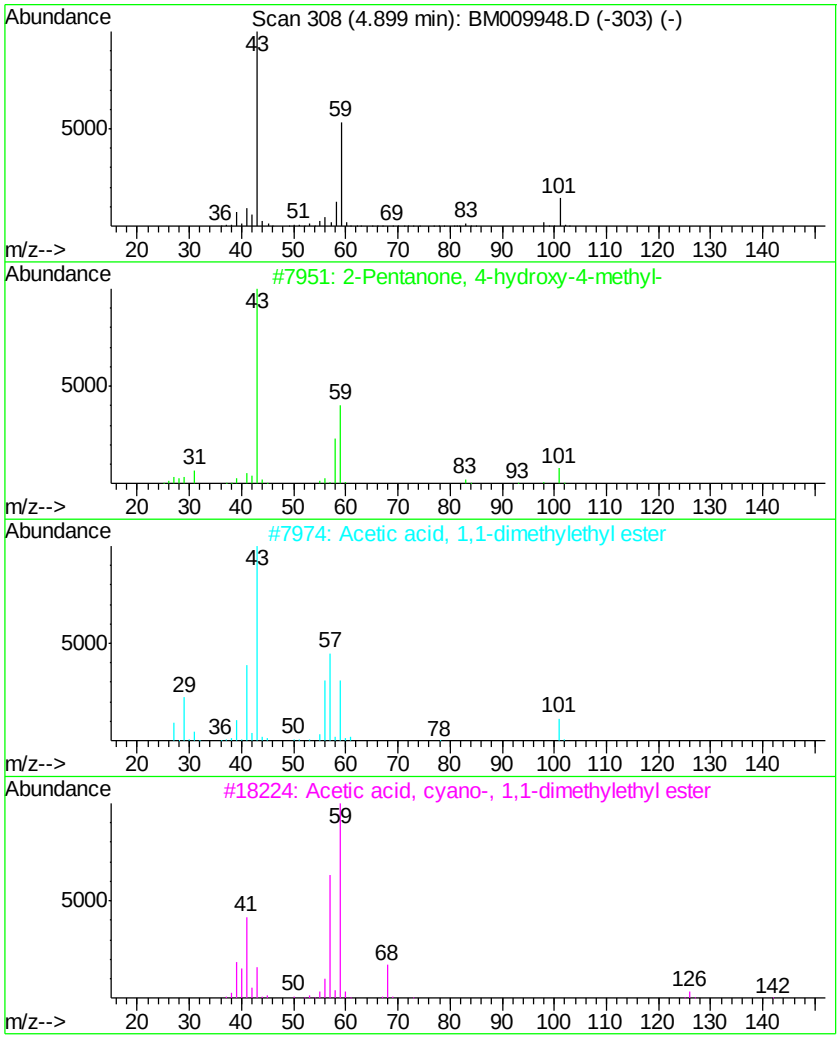
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

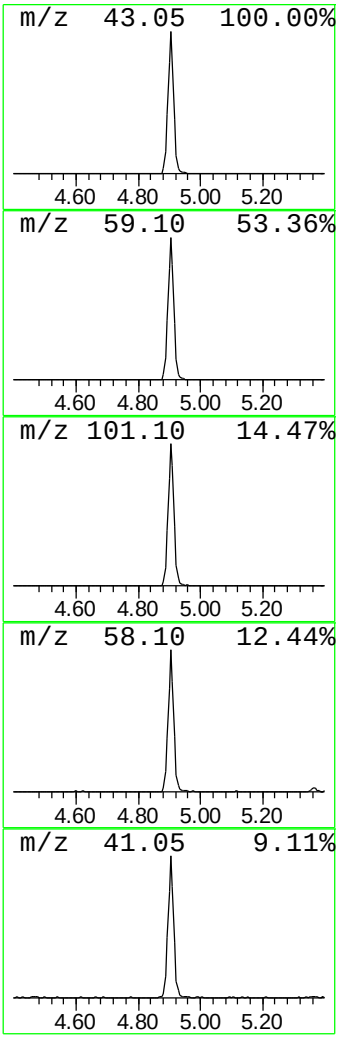
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	147.69 ng	4102200	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	32
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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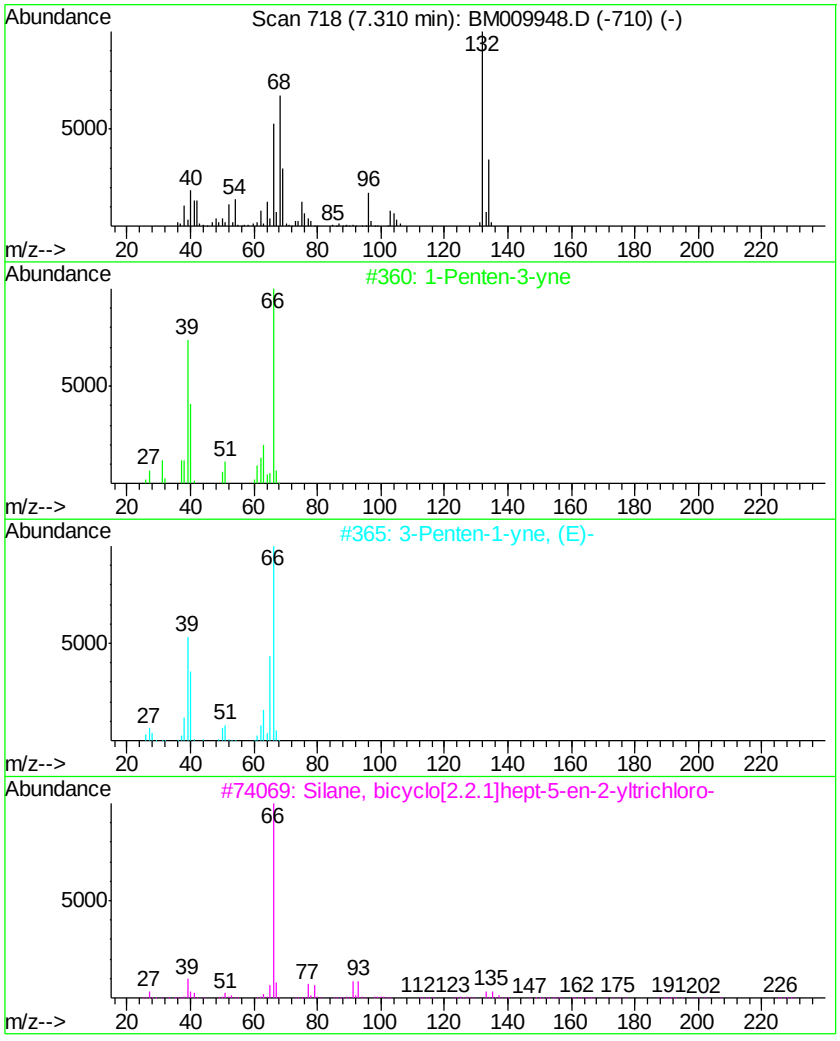
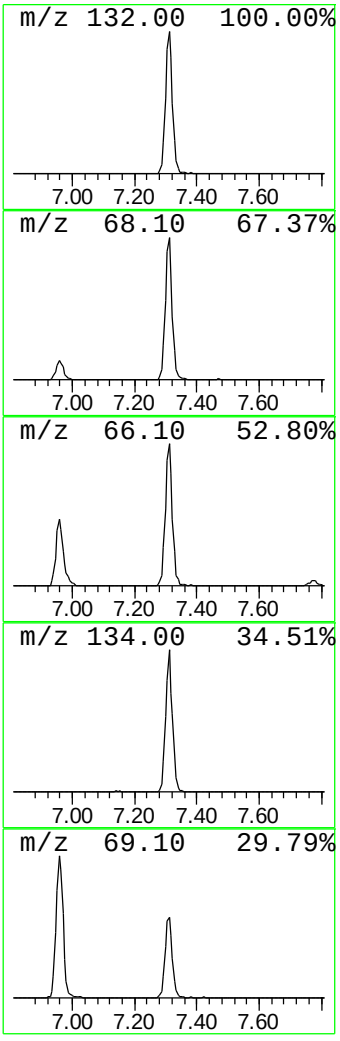
Peak Number 3 unknown7.30 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.31	39.48 ng	1096600	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-yne	66	C5H6	000646-05-9	38
2	3-Penten-1-yne, (E)-	66	C5H6	002004-69-5	35
3	Silane, bicyclo[2.2.1]hept-5-en-...	226	C7H9Cl3Si	014319-64-3	25
4	Bicyclo[2.2.1]hept-5-ene-2-aceti...	180	C11H16O2	074876-17-8	25
5	4,7-Methano-1H-indene-2,6-dicarb...	220	C12H12O4	037995-02-1	23





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Sample : I3013-07
Misc :
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Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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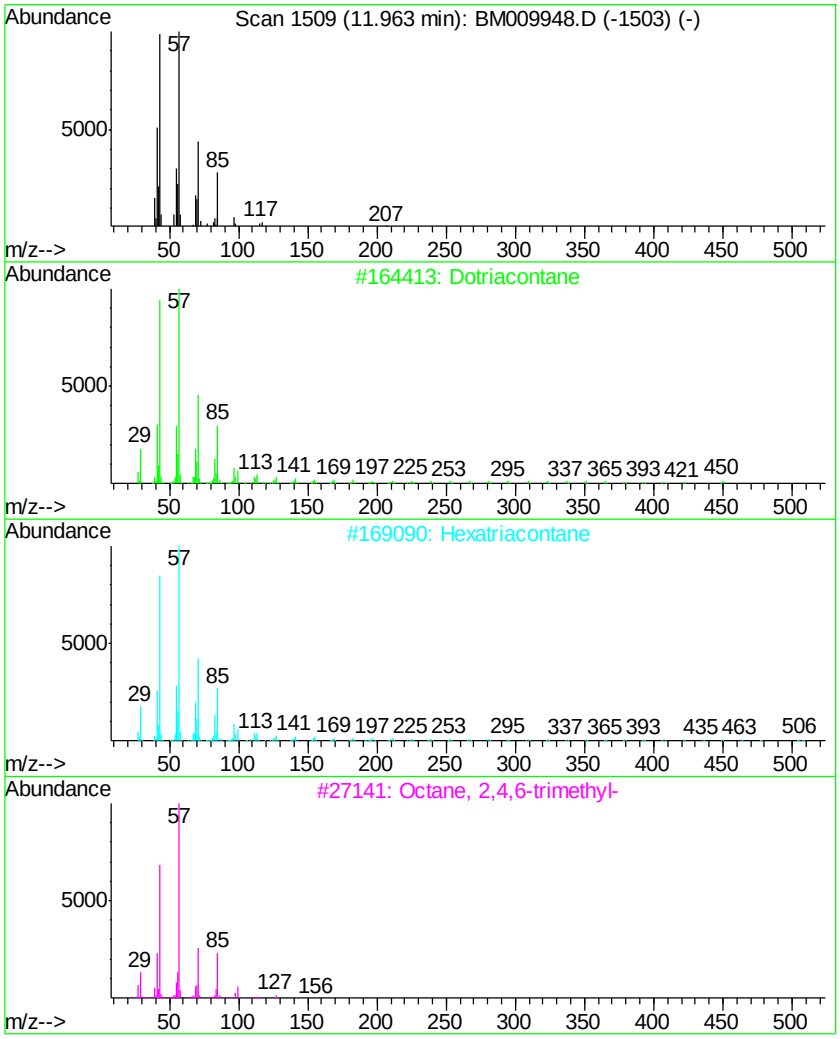
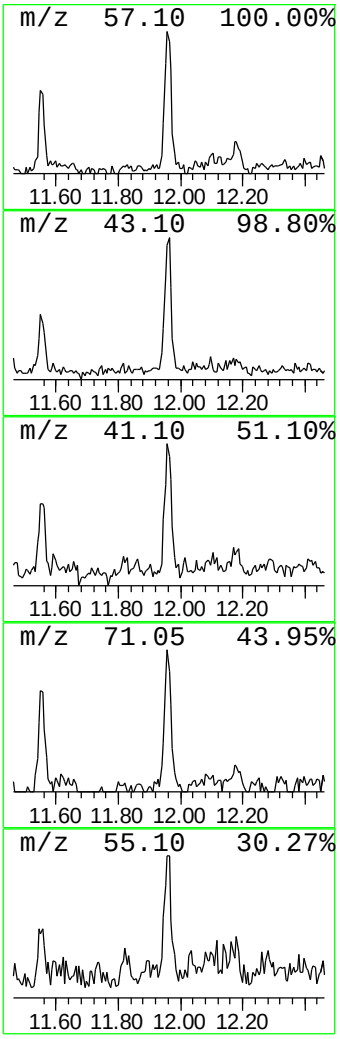
Peak Number 5 Dotriacontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.90 ng	111678	Naphthalene-d8	10.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontane	451	C32H66	000544-85-4	72
2	Hexatriacontane	507	C36H74	000630-06-8	64
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Eicosane	282	C20H42	000112-95-8	59





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Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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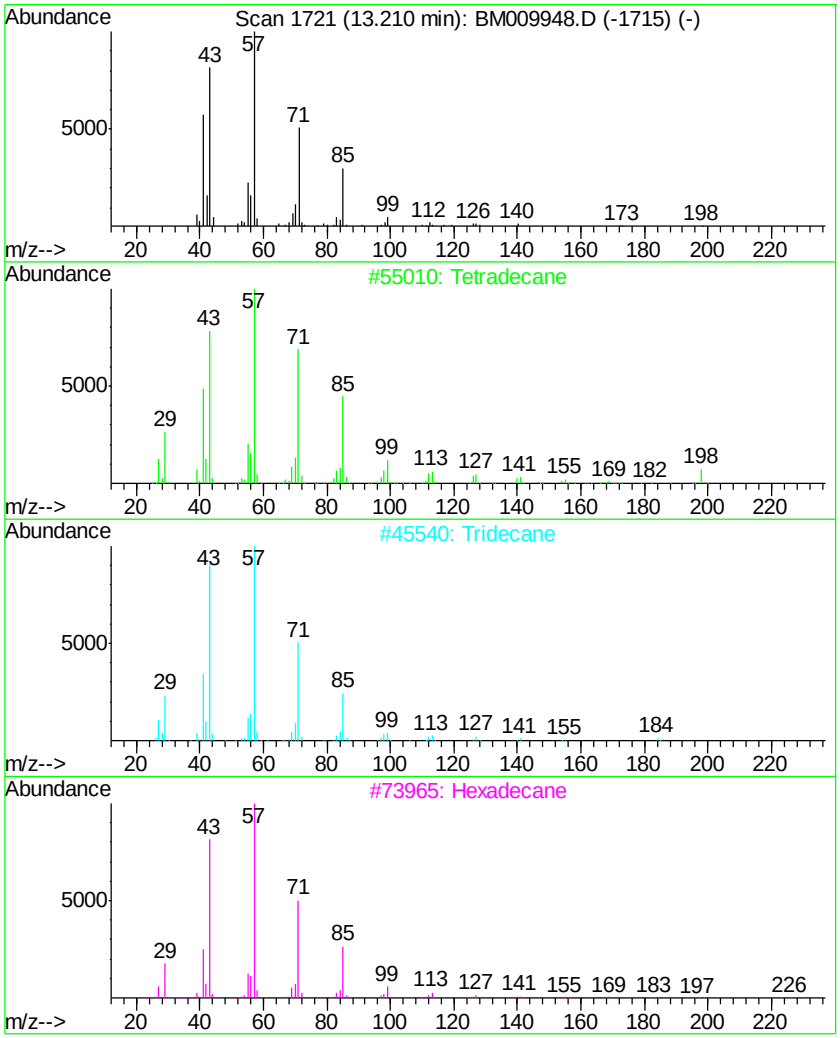
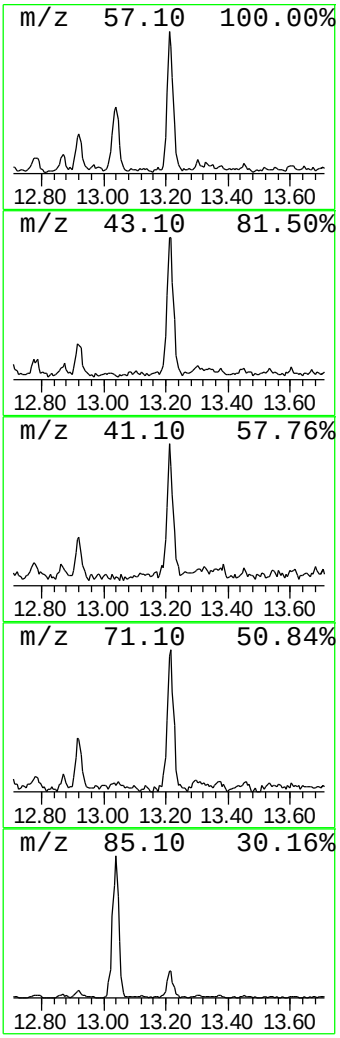
****

Peak Number 6 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	5.01 ng	264710	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	78
3	Hexadecane	226	C16H34	000544-76-3	78
4	Decane, 2-methyl-	156	C11H24	006975-98-0	64
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	62





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Data File : BM009948.D
Acq On : 06 May 2017 19:03
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Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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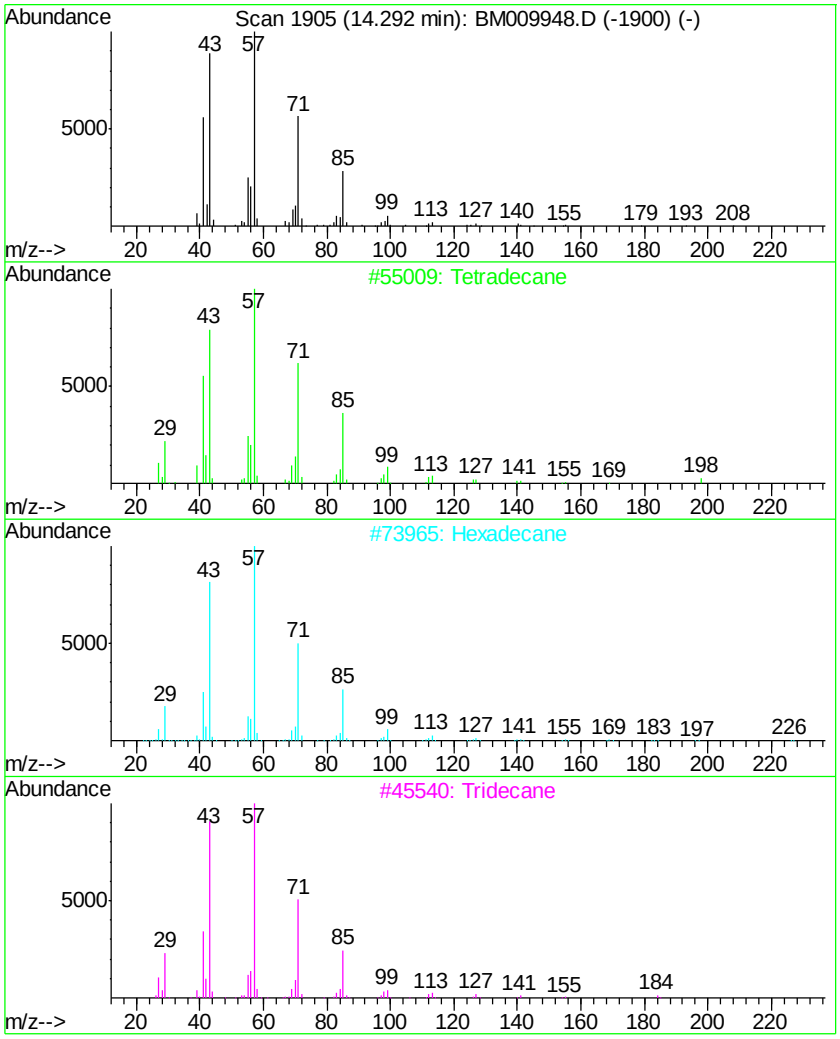
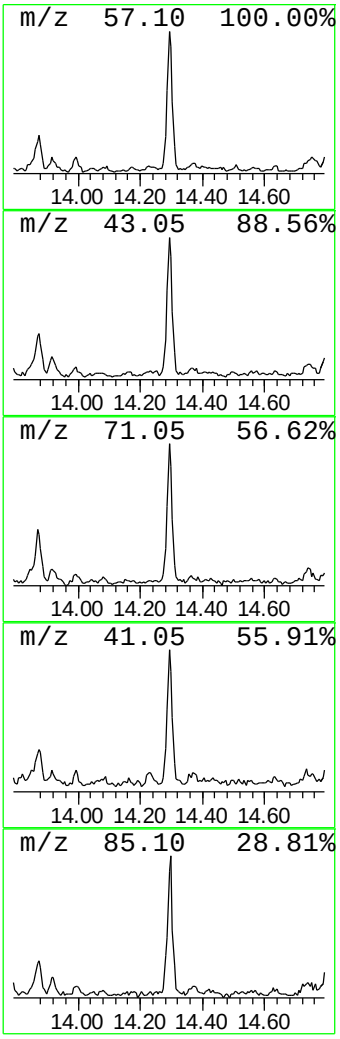
Peak Number 7 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.12 ng	376679	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	64
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	59





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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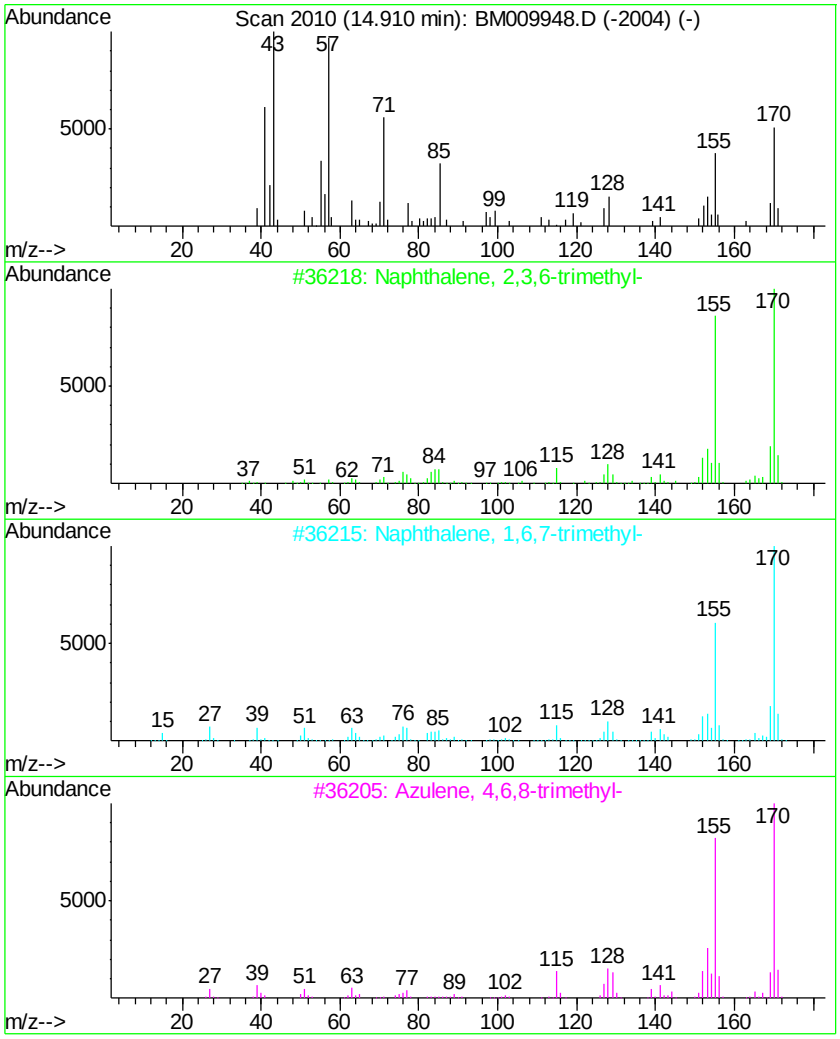
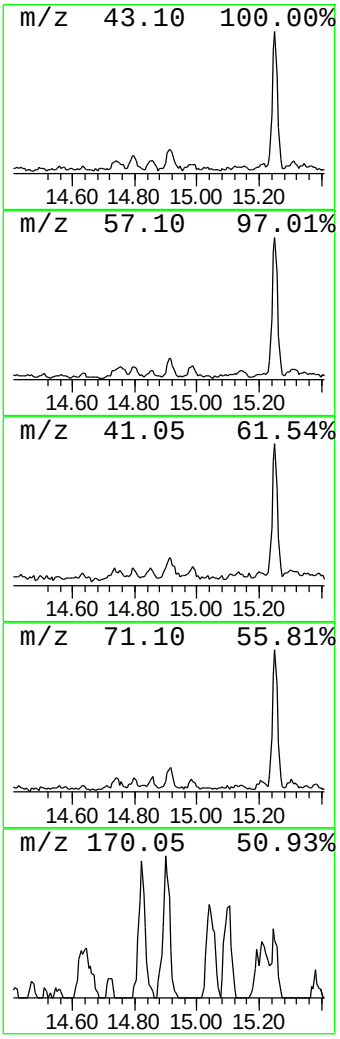
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.08 ng	162915	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
3	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	60
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	58
5	Undecane	156	C11H24	001120-21-4	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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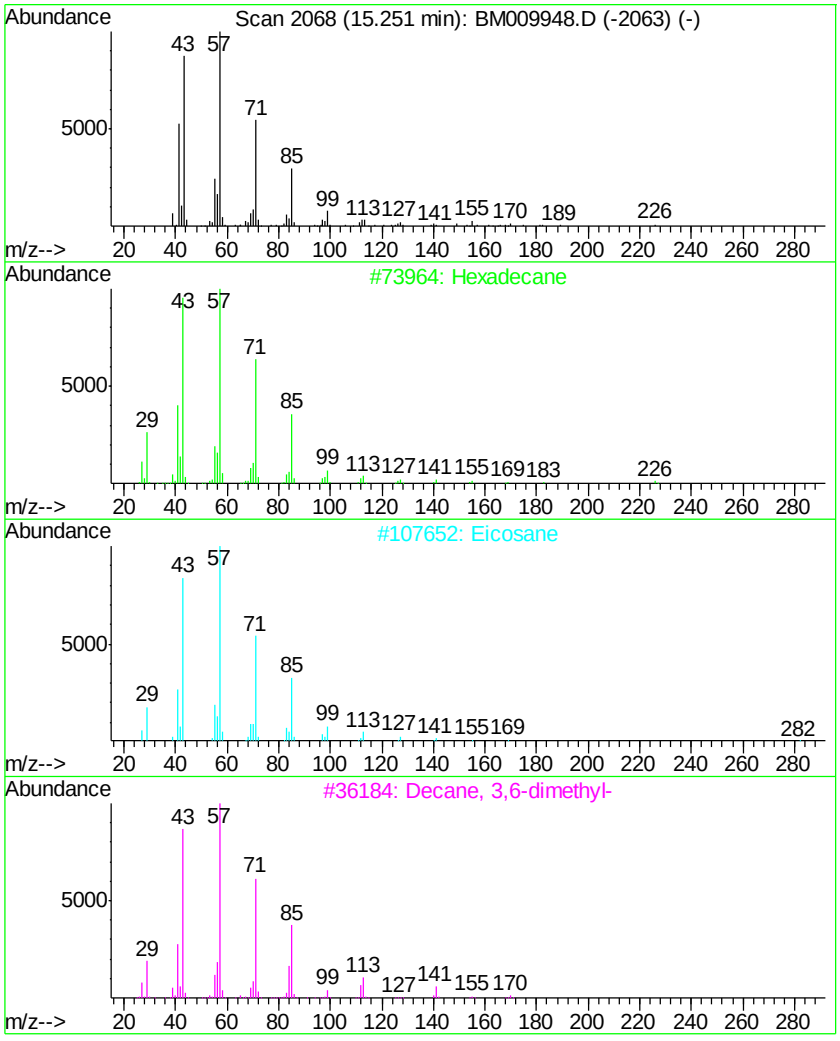
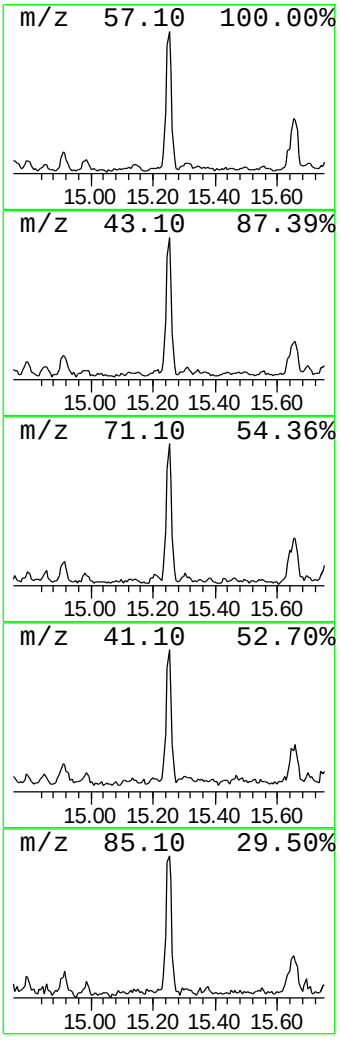
Peak Number 9 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	9.32 ng	492569	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	90
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

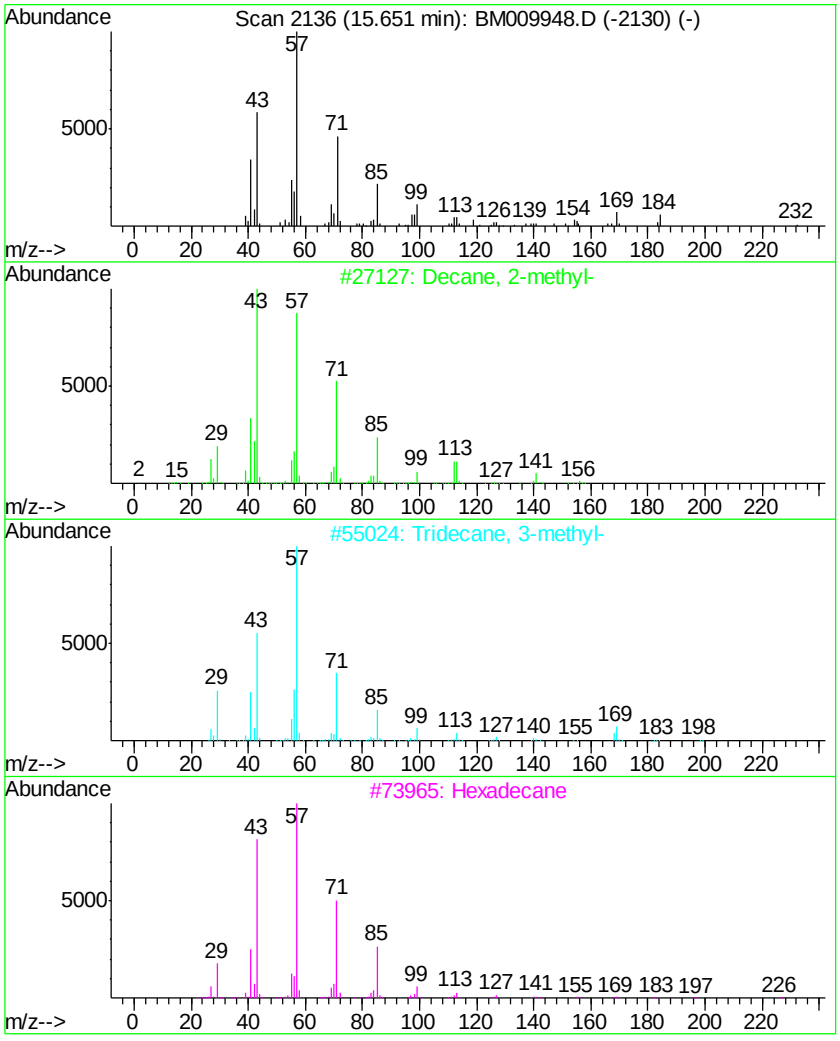
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

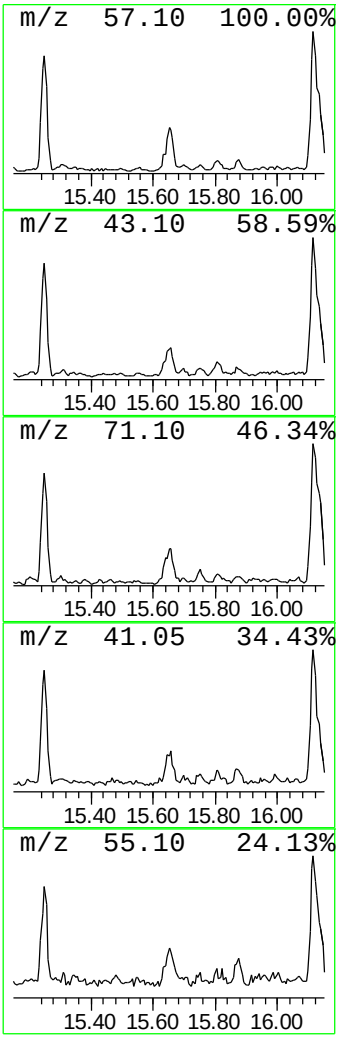
****

Peak Number 10 Decane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.19 ng	221664	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	74
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3	Hexadecane	226	C16H34	000544-76-3	59
4	Eicosane	282	C20H42	000112-95-8	58
5	Tridecane	184	C13H28	000629-50-5	55





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Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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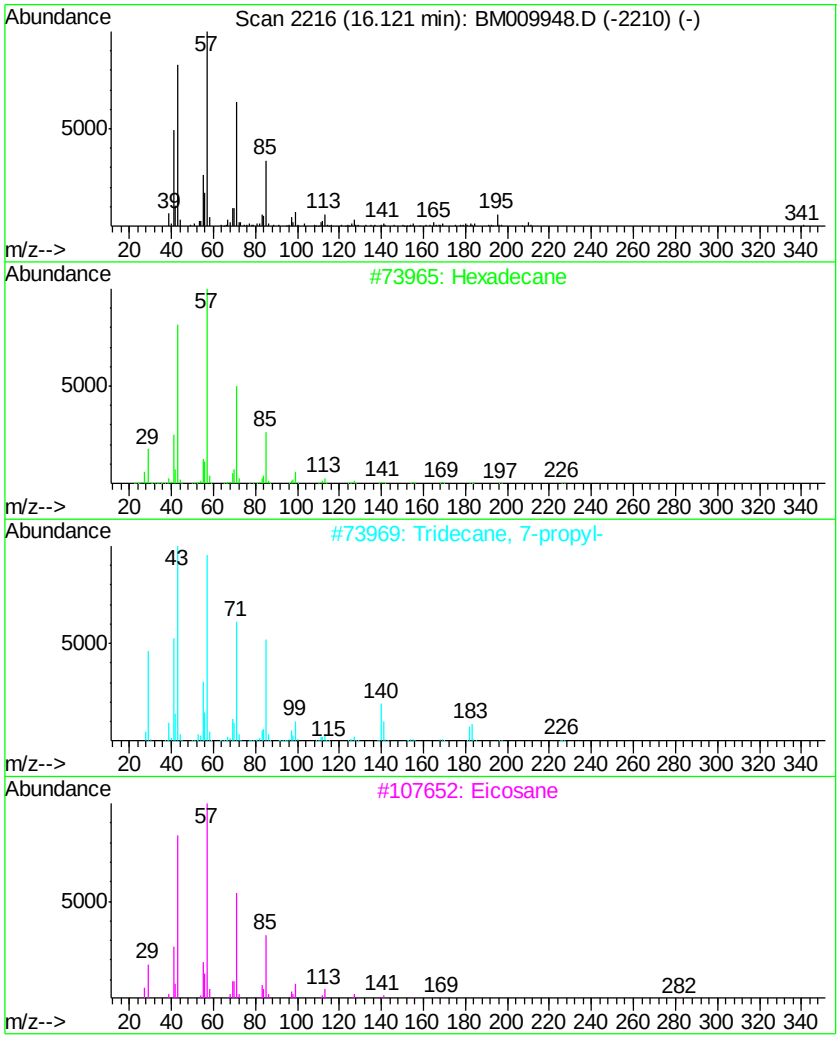
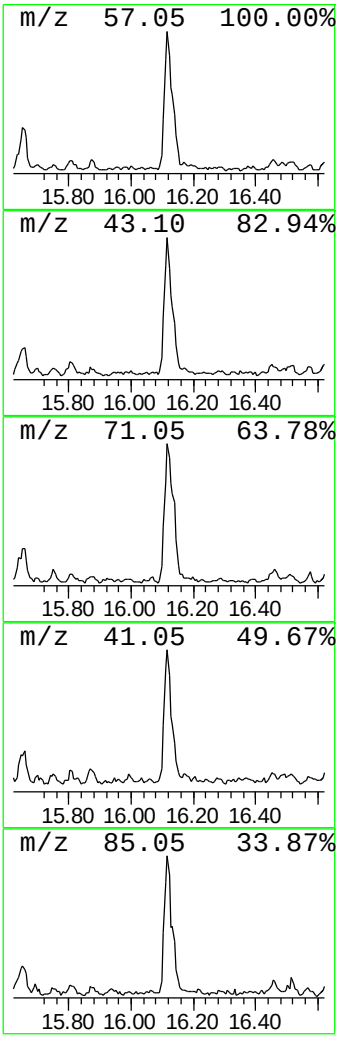
Peak Number 11 Tridecane, 7-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	12.02 ng	928906	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
3	Eicosane	282	C20H42	000112-95-8	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane	184	C13H28	000629-50-5	80





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Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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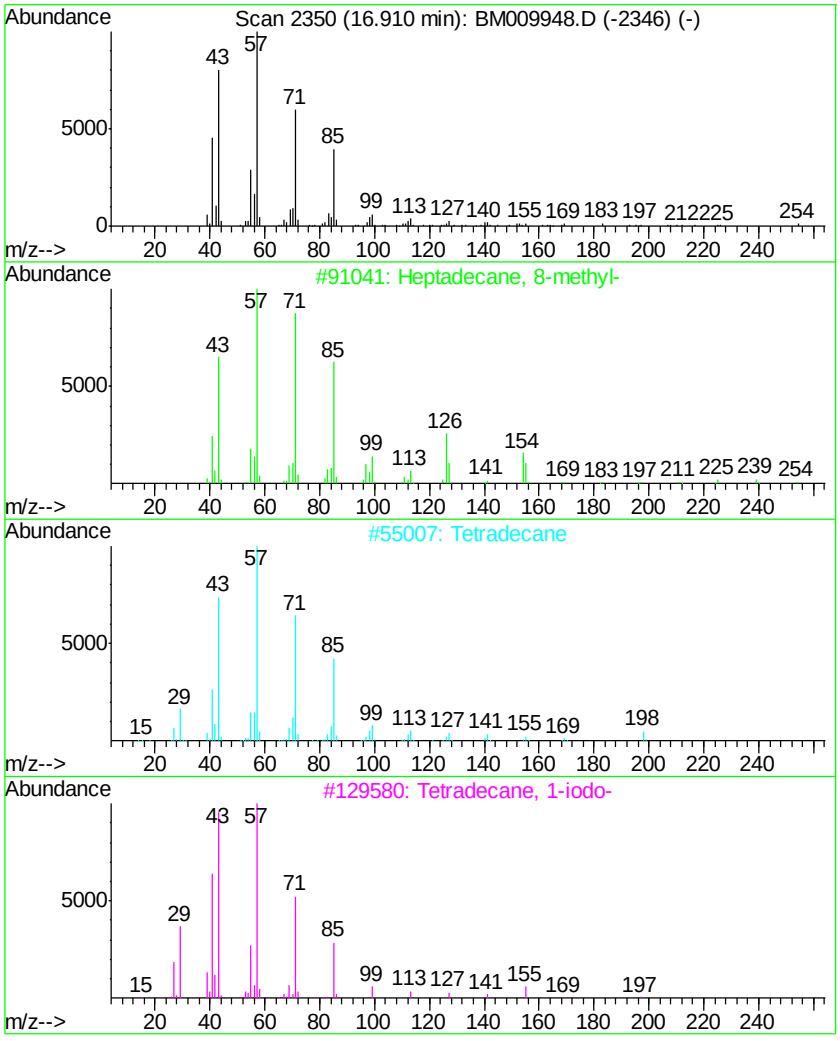
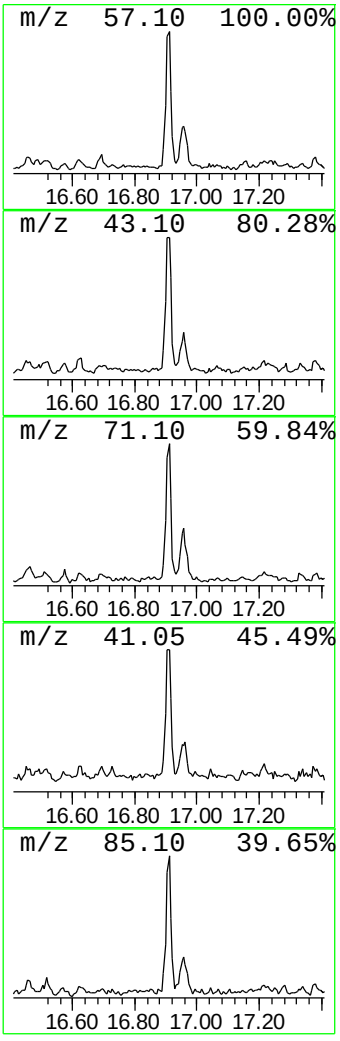
Peak Number 12 Heptadecane, 8-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	5.83 ng	450574	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Hexadecane	226	C16H34	000544-76-3	81





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Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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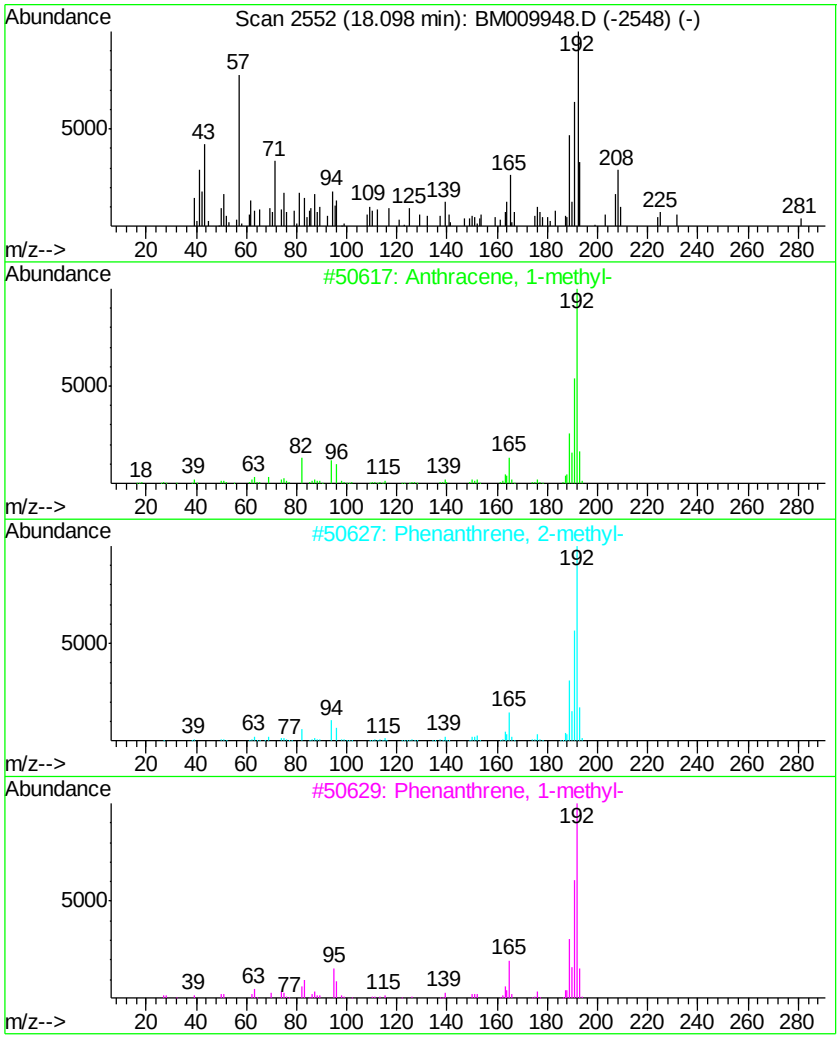
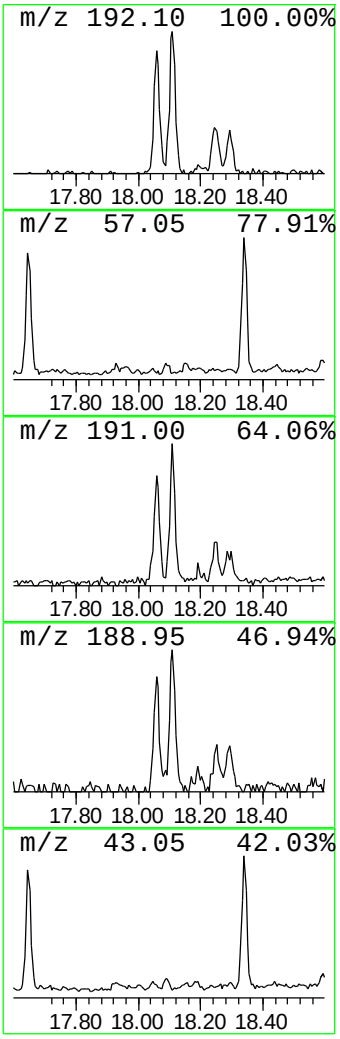
Peak Number 14 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.29 ng	176889	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	81
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	70
4	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	70
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	68





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Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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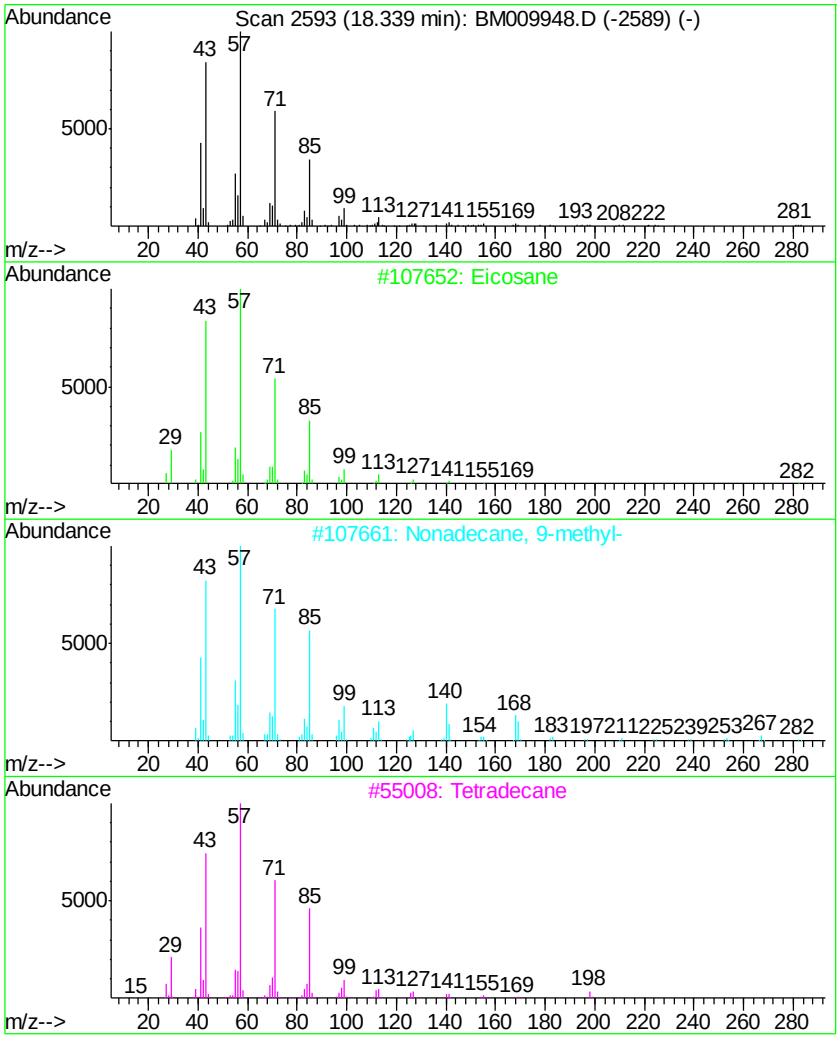
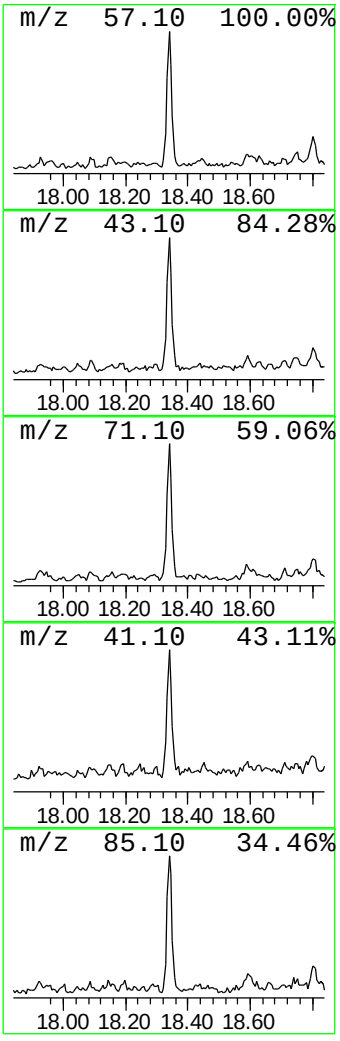
Peak Number 15 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	6.50 ng	501982	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexadecane	226	C16H34	000544-76-3	90





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Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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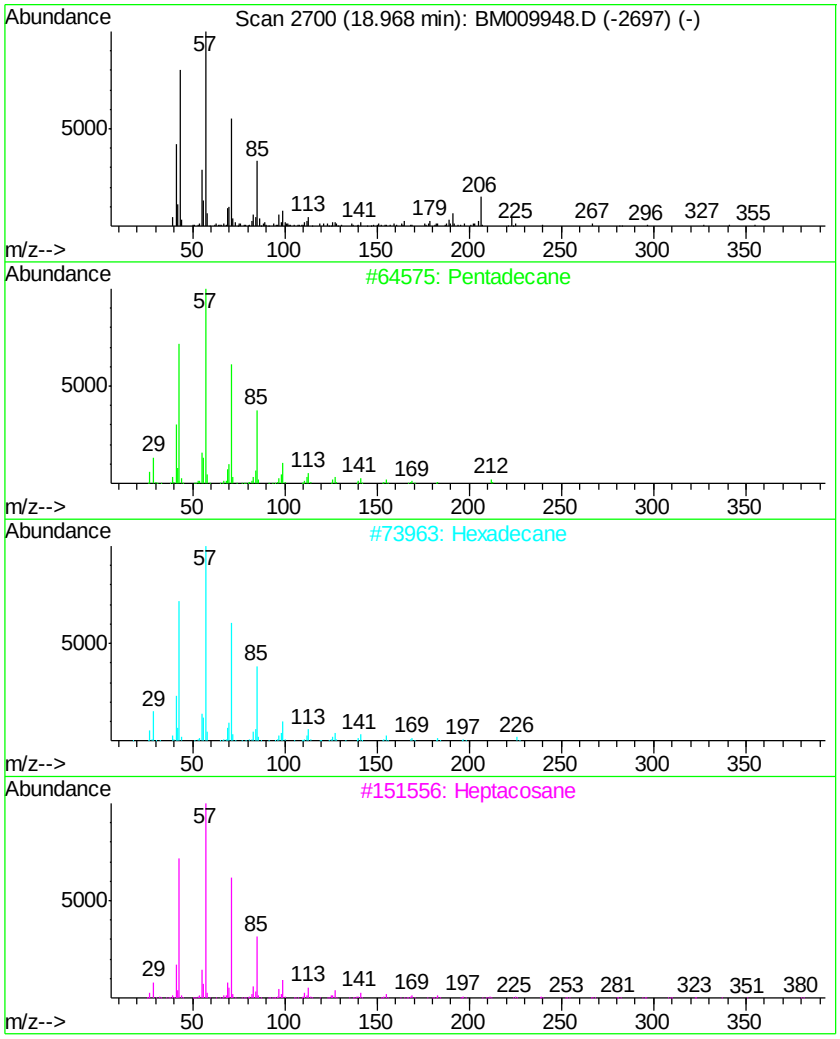
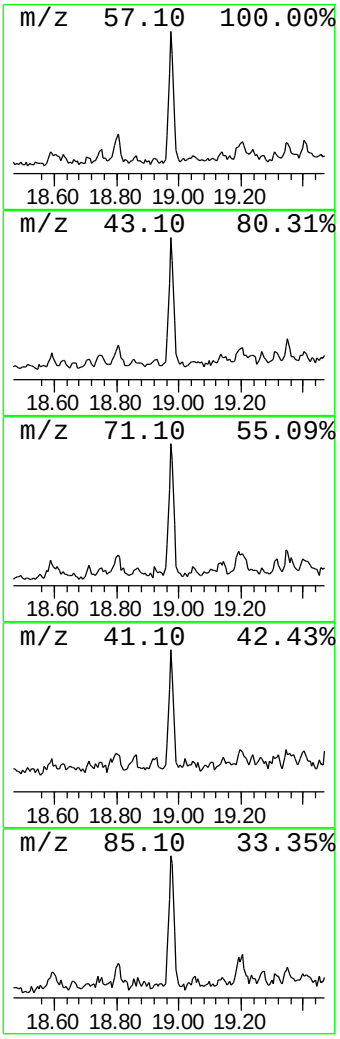
Peak Number 16 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.97	6.96 ng	537634	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	92
3	Heptacosane	380	C27H56	000593-49-7	62
4	Tetracosane	338	C24H50	000646-31-1	58
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58





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Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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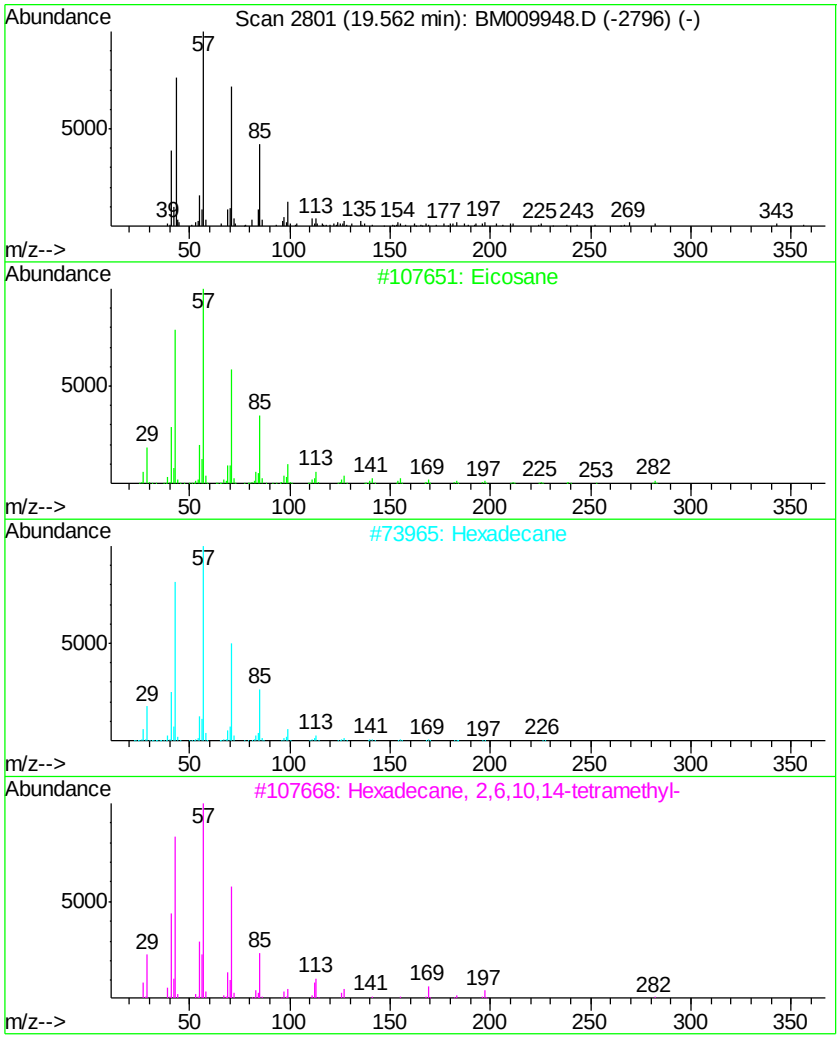
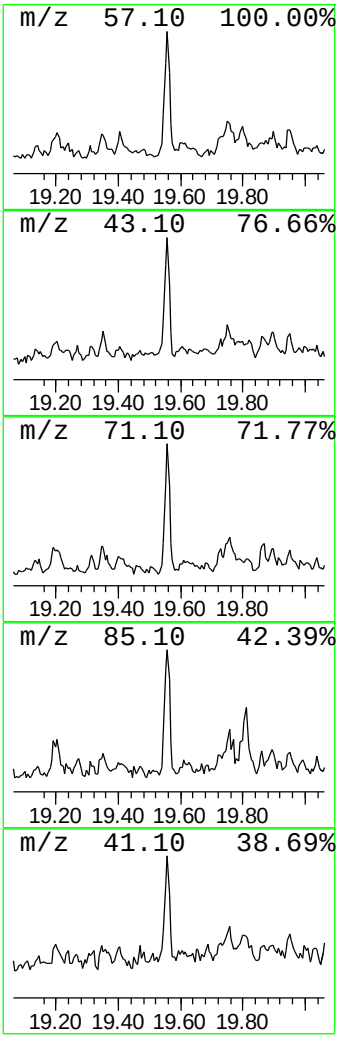
Peak Number 17 1-Iodo-2-methylundecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.69 ng	300271	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	83
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





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Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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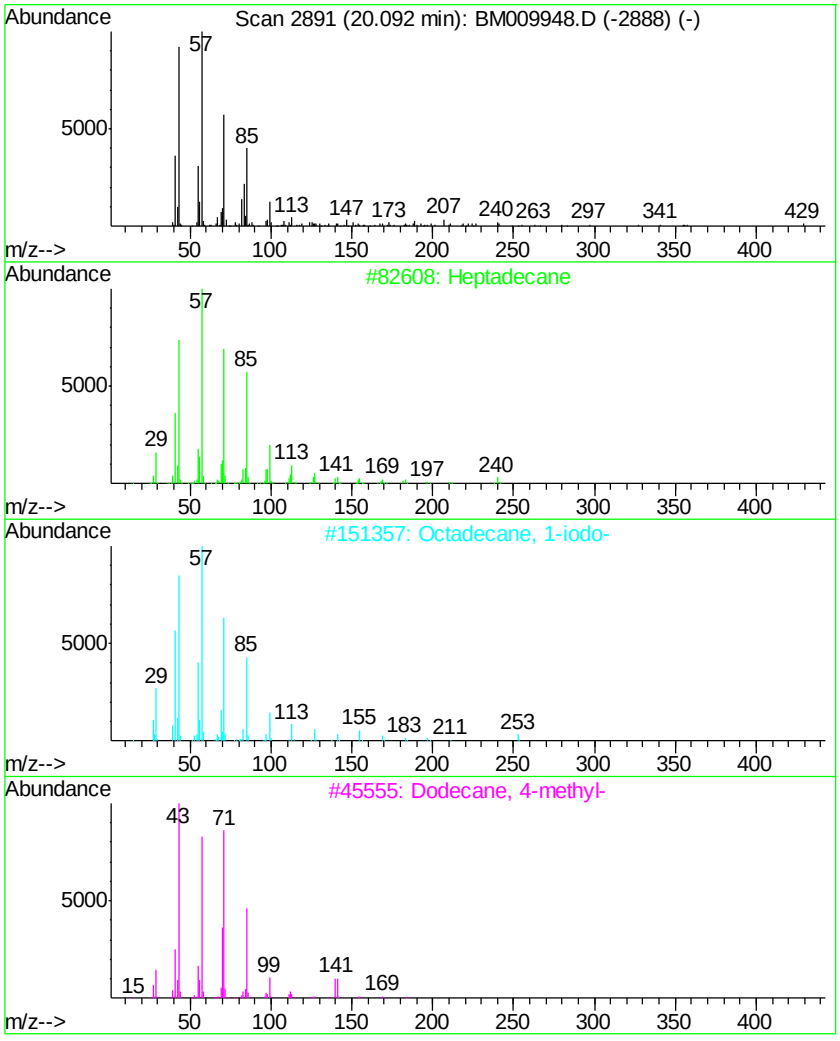
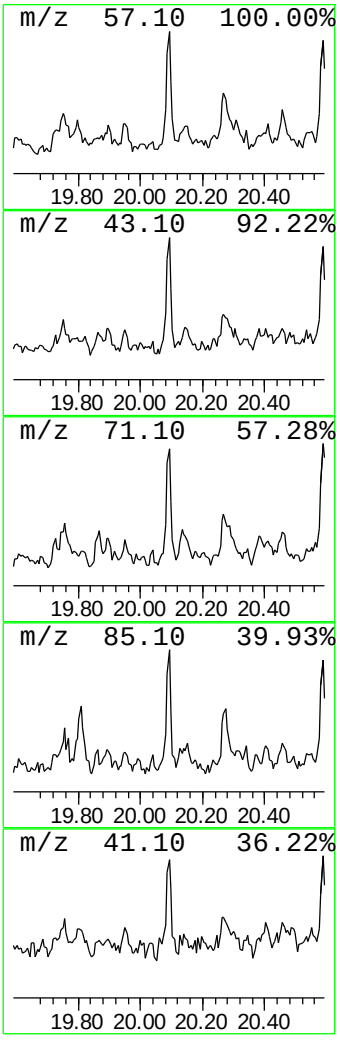
Peak Number 18 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.35 ng	262177	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	89
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	62
4	1-Iodoundecane	282	C11H23I	004282-44-4	59
5	Octadecane	254	C18H38	000593-45-3	59





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Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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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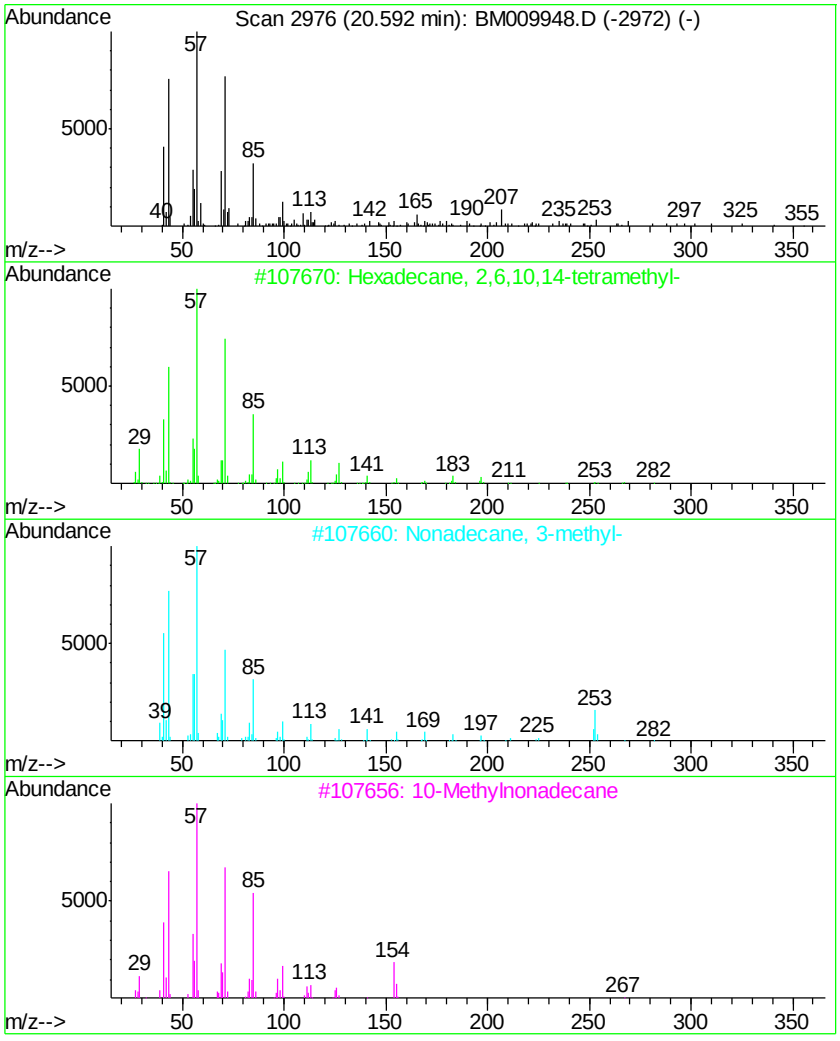
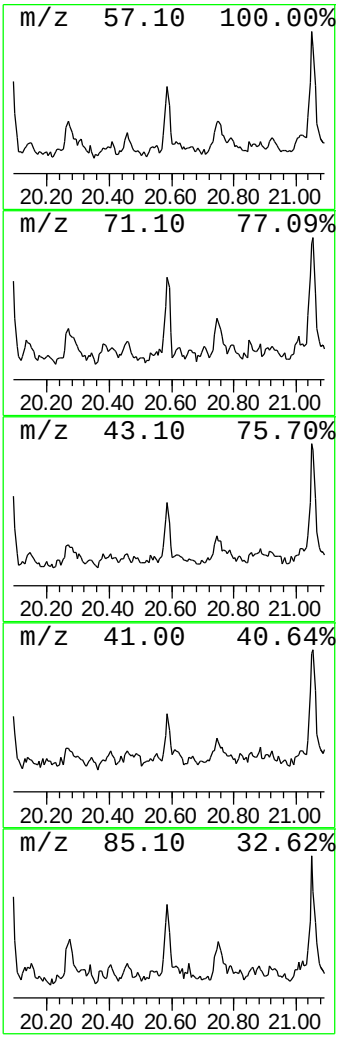
Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	2.21 ng	246720	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	87
3	10-Methylnonadecane	282	C20H42	056862-62-5	83
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





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Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

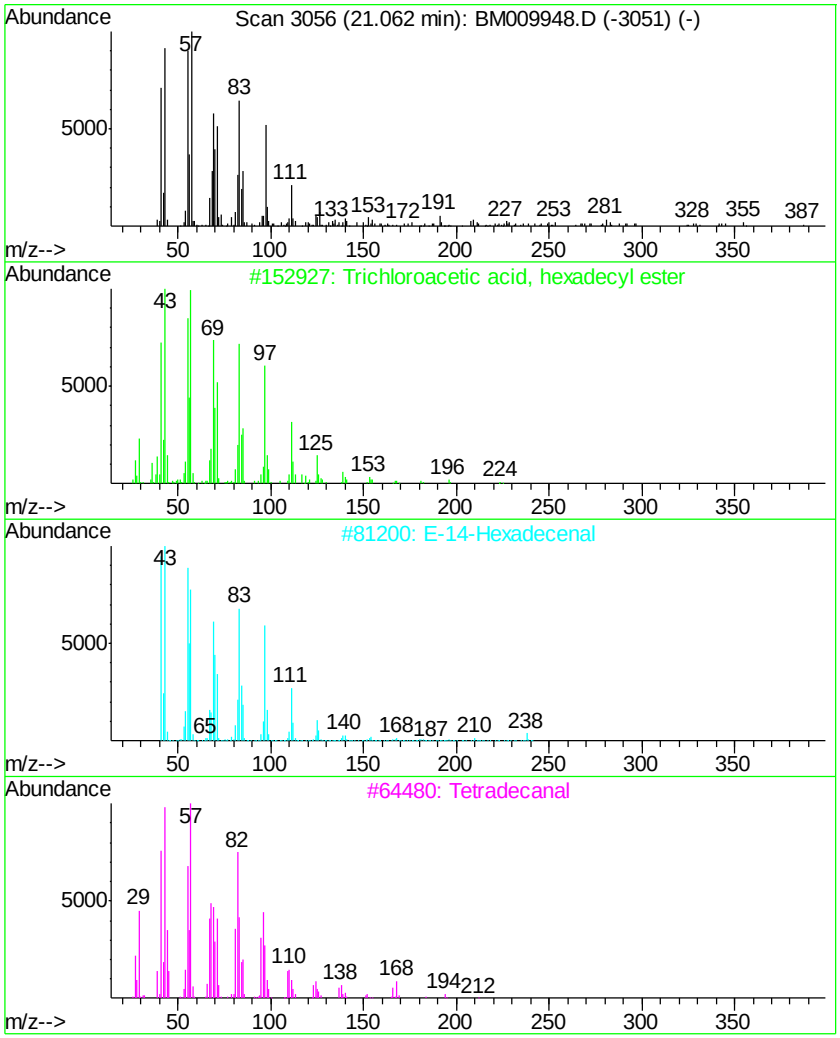
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

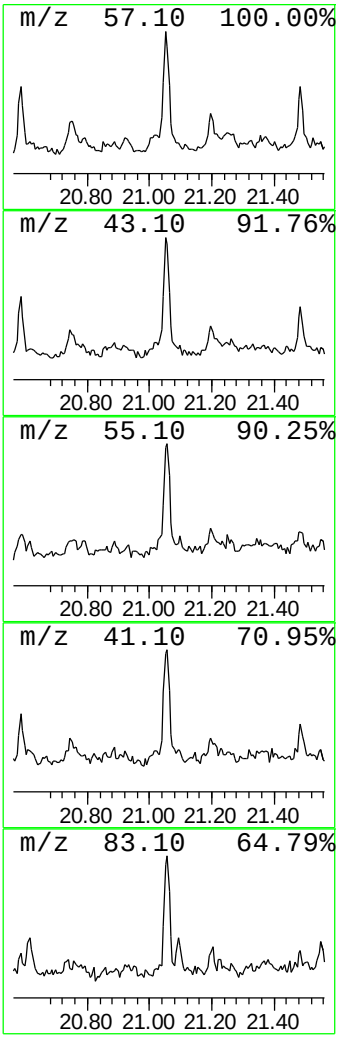
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Trichloroacetic acid, hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	6.01 ng	671574	Chrysene-d12	21.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	62
3	Tetradecanal	212	C14H28O	000124-25-4	62
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	62
5	1-Tetracosanol	354	C24H50O	000506-51-4	62





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050617\
Data File : BM009948.D
Acq On : 06 May 2017 19:03
Operator : SJ/MA
Sample : I3013-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : E2-CONCRETE-9-EAST

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM050517.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
3-Penten-2-one, 4...	4.30	133.0	ng	3694510	1	7.77	555507	20.0
2-Pentanone, 4-hy...	4.90	147.7	ng	4102200	1	7.77	555507	20.0
unknown7.30	7.31	39.5	ng	1096600	1	7.77	555507	20.0
Dotriacontane	11.96	2.9	ng	111678	2	10.57	769509	20.0
Tetradecane	13.21	5.0	ng	264710	3	14.43	1057530	20.0
Tridecane	14.29	7.1	ng	376679	3	14.43	1057530	20.0
Naphthalene, 2,3,...	14.91	3.1	ng	162915	3	14.43	1057530	20.0
Hexadecane	15.25	9.3	ng	492569	3	14.43	1057530	20.0
Decane, 2-methyl-	15.65	4.2	ng	221664	3	14.43	1057530	20.0
Tridecane, 7-propyl-	16.12	12.0	ng	928906	4	17.19	1545390	20.0
Heptadecane, 8-me...	16.91	5.8	ng	450574	4	17.19	1545390	20.0
Anthracene, 1-met...	18.10	2.3	ng	176889	4	17.19	1545390	20.0
Eicosane	18.34	6.5	ng	501982	4	17.19	1545390	20.0
Pentadecane	18.97	7.0	ng	537634	4	17.19	1545390	20.0
1-Iodo-2-methylun...	19.56	2.7	ng	300271	5	21.37	2234190	20.0
Heptadecane	20.09	2.4	ng	262177	5	21.37	2234190	20.0
Hexadecane, 2,6,1...	20.59	2.2	ng	246720	5	21.37	2234190	20.0
Trichloroacetic a...	21.06	6.0	ng	671574	5	21.37	2234190	20.0