LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLC-IP-OILY-ROCKS-SAND

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-BM072617.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	4.581	299	305	314	rBV	241040	322738	2.44%	0.454%
2	5.022	374	380	391	rBV	3788487	5026914	38.01%	7.072%
3	6.581	638	645	659	rBV	3599210	5583014	42.22%	7.854%
4	6.922	695	703	714	rBV	3635630	5440266	41.14%	7.653%
5	7.381	774	781	789	rBV	955589	1443770	10.92%	2.031%
6	7.698	828	835	844	rVB	2852093	4388455	33.18%	6.174%
7	8.528	965	976	986	rBV	2288364	3625320	27.41%	5.100%
8	10.139	1239	1250	1259	rVB	1077841	1735239	13.12%	2.441%
9	12.651	1667	1677	1686	rBV	4783355	6947210	52.53%	9.773%
10	13.451	1808	1813	1818	rBV2	334181	488573	3.69%	0.687%
11	13.510	1818	1823	1828	rBV	551868	821286	6.21%	1.155%
12	13.774	1863	1868	1872	rBV6	222748	429504	3.25%	0.604%
13	13.868	1880	1884	1889	rVB2	577995	820086	6.20%	1.154%
14	14.010	1903	1908	1909	rBV3	275382	421267	3.19%	0.593%
15	14.039	1909	1913	1922	rVB2	1358189	2190826	16.57%	3.082%
16	14.133	1925	1929	1932	rBV4	192495	310111	2.34%	0.436%
17	14.598	2004	2008	2012	rBV4	324727	453388	3.43%	0.638%
18	14.704	2023	2026	2032	rVB3	431954	607541	4.59%	0.855%
19	14.768	2034	2037	2043	rVB7	372490	611025	4.62%	0.860%
20	14.839	2045	2049	2056	rVV2	1239762	1755870	13.28%	2.470%
21	15.545	2164	2169	2175	rBV	4574773	6342278	47.96%	8.922%
22	19.468	2833	2836	2841	rVB	10895327	13224513	100.00%	18.604%
23	21.021	3097	3100	3108	rVB	3331415	4467865	33.78%	6.285%
24	23.133	3454	3459	3470	rVB	2070130	3625489	27.41%	5.100%

Sum of corrected areas: 71082548

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
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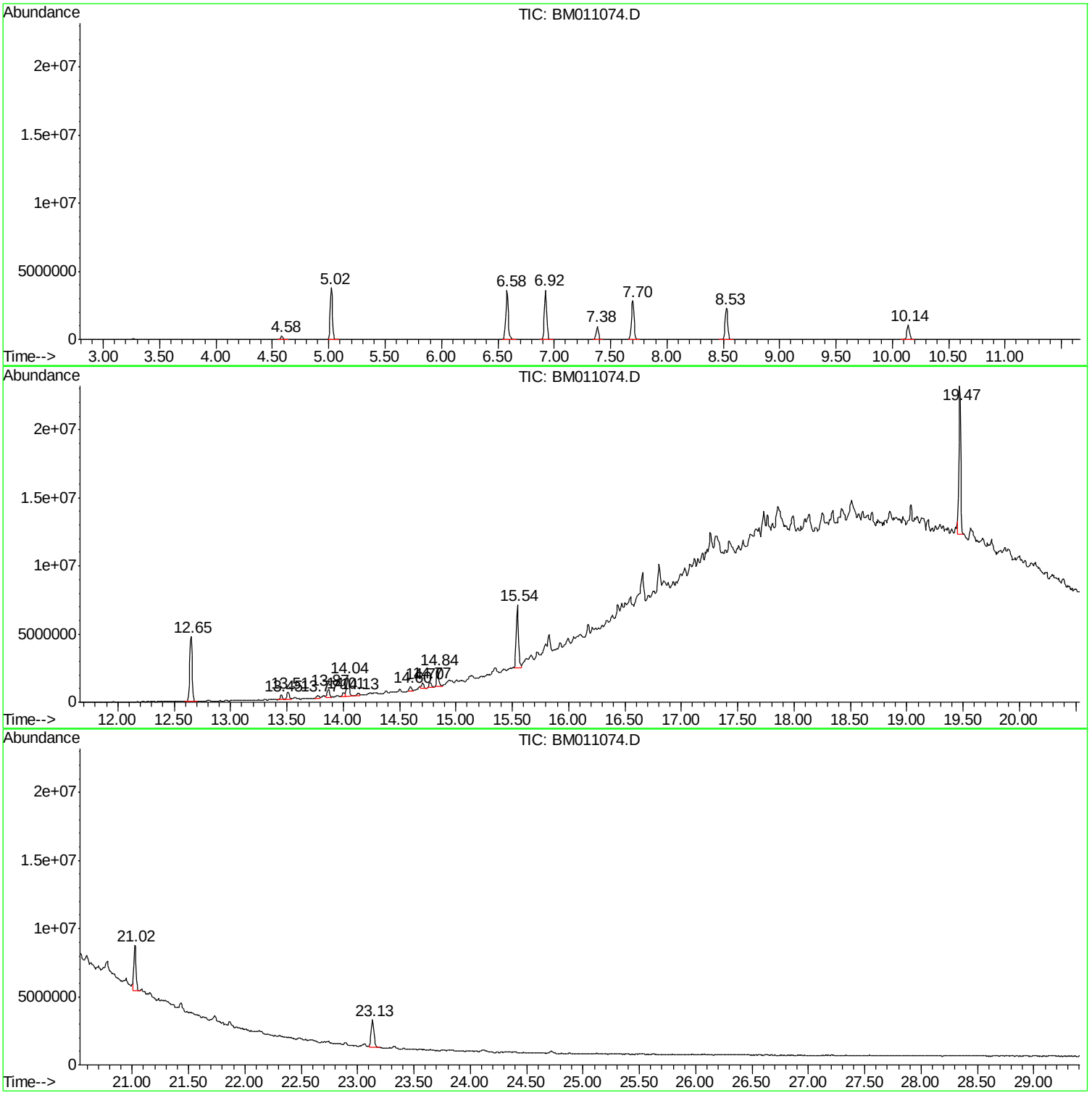
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.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\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

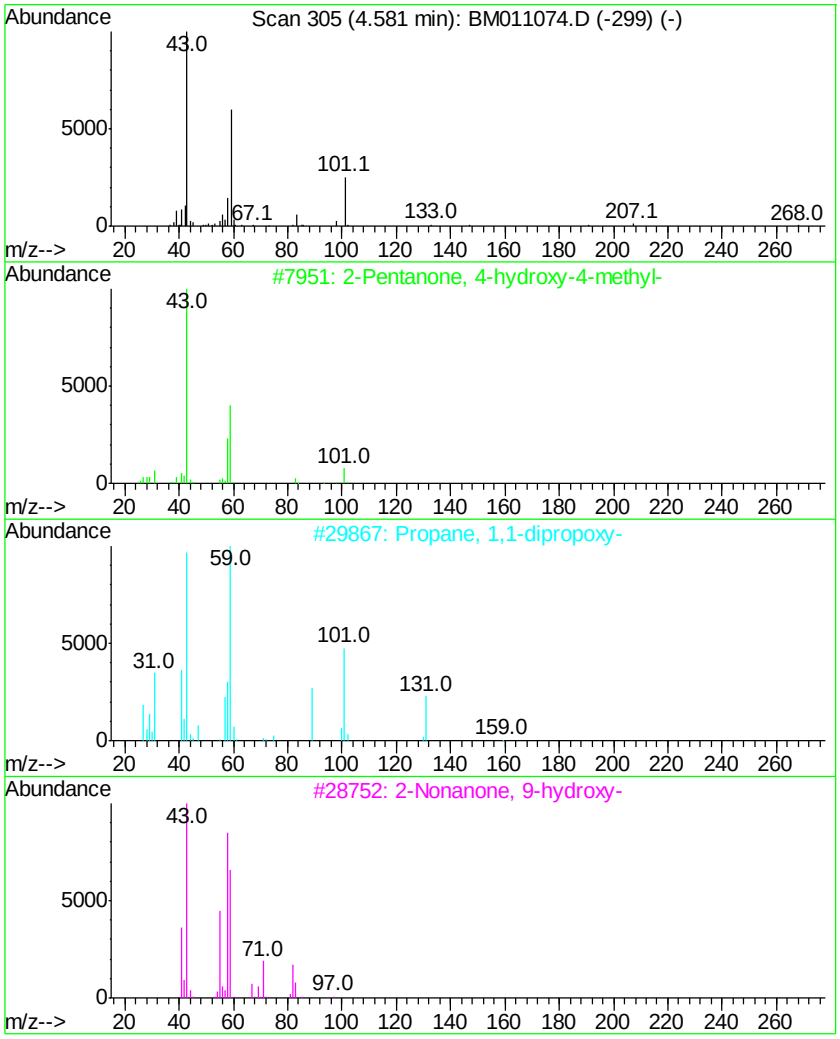
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

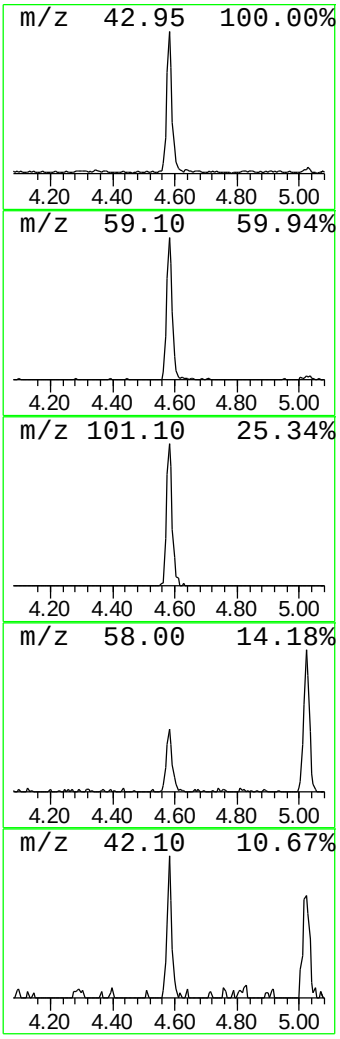
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	4.47 ng	322738	1,4-Dichlorobenzene-d4	7.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
4	Dimethadione	129	C5H7NO3	000695-53-4	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

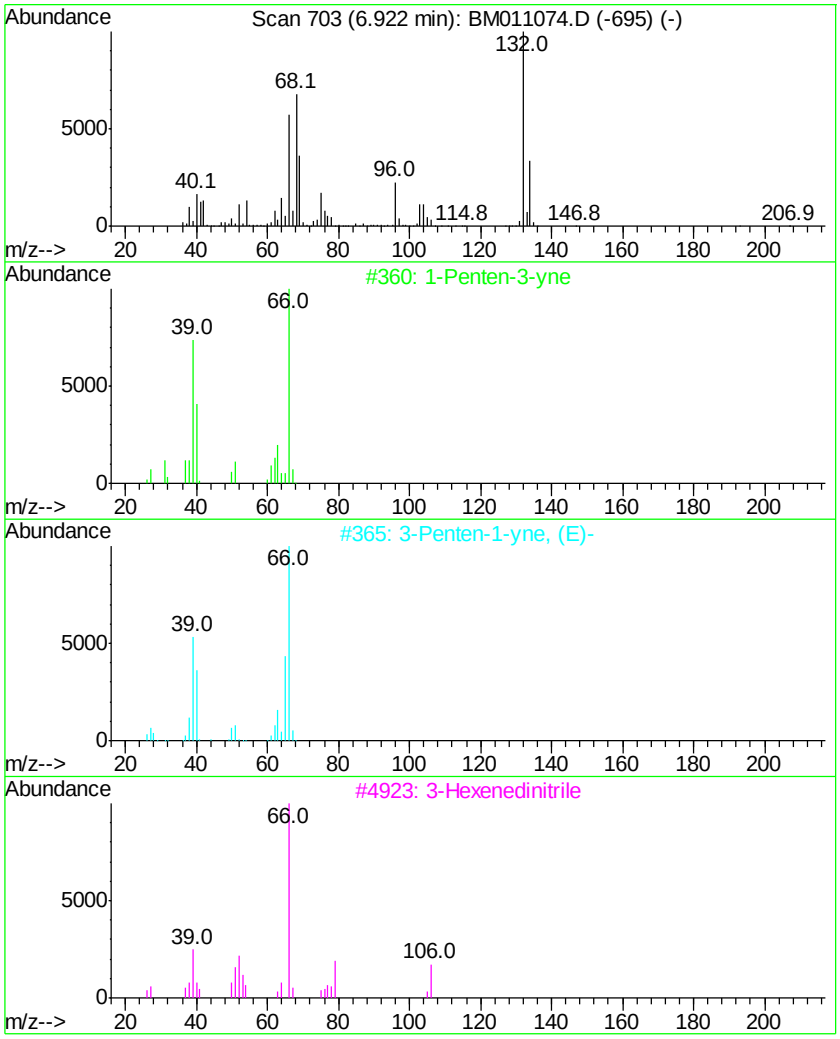
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

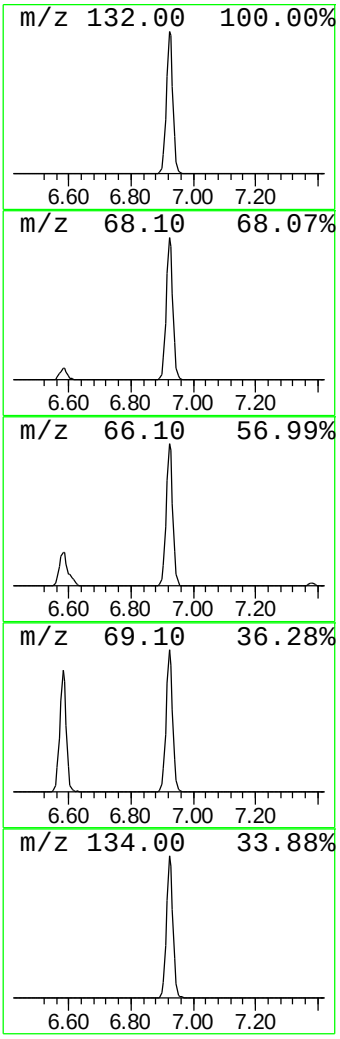
****

Peak Number 2 unknown6.92 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	75.36 ng	5440270	1,4-Dichlorobenzene-d4	7.38

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	3-Hexenedinitrile	106	C6H6N2	001119-85-3	25
4	1,4,4a,8a-Tetrahydro-1,4-methano...	174	C11H10O2	001200-89-1	25
5	3-Oxabicyclo[3.2.0]hept-6-ene-2,...	138	C7H6O3	064197-88-2	25





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

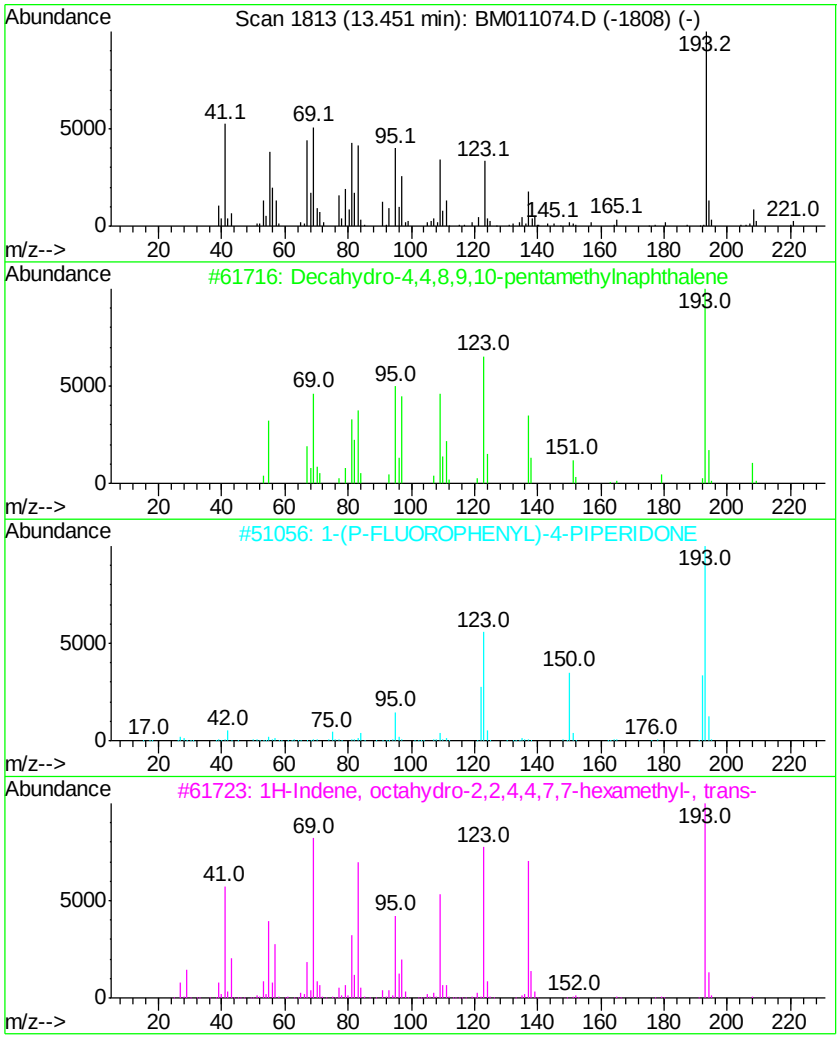
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

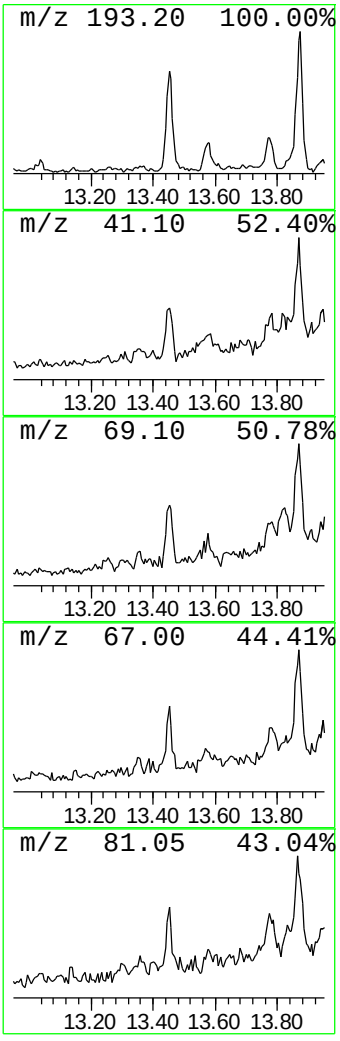
****

Peak Number 4 Decahydro-4,4,8,9,10-pentam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.46 ng	488573	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	55
2	1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	35
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
4	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	25
5	2-Anthracenamine	193	C14H11N	000613-13-8	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

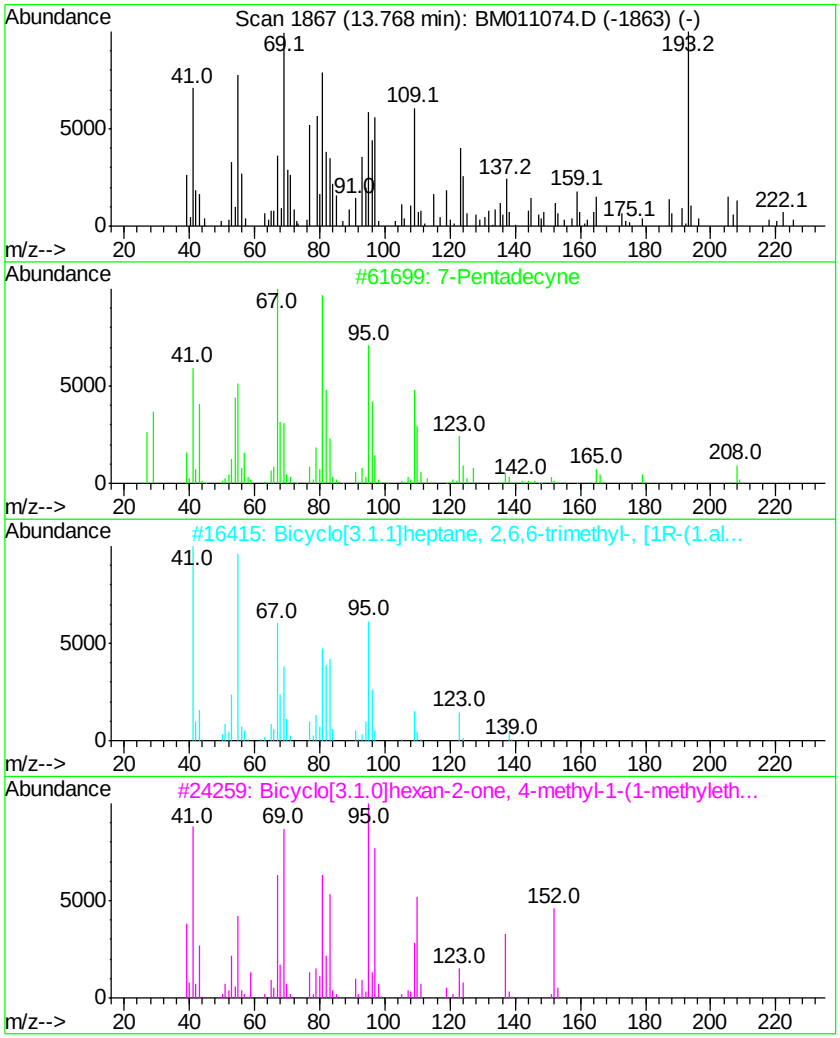
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

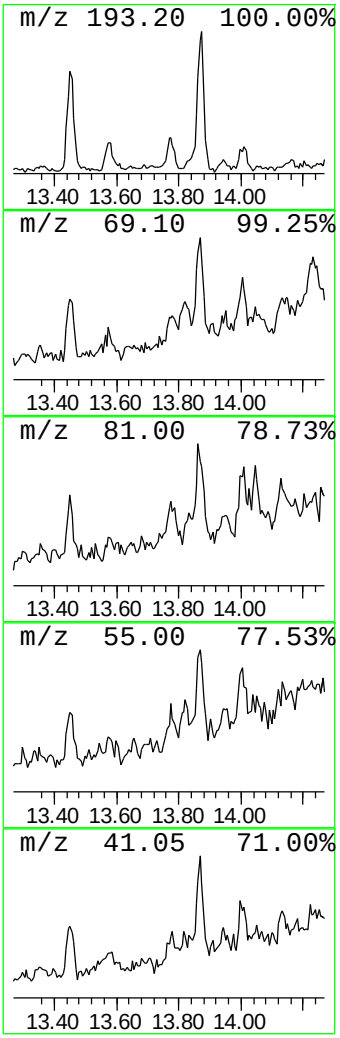
****

Peak Number 5 unknown13.77 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.92 ng	429504	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Pentadecyne	208	C15H28	022089-89-0	38
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	38
3	Bicyclo[3.1.0]hexan-2-one, 4-met...	152	C10H16O	002506-61-8	38
4	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	38
5	1-Pentadecyne	208	C15H28	000765-13-9	30





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

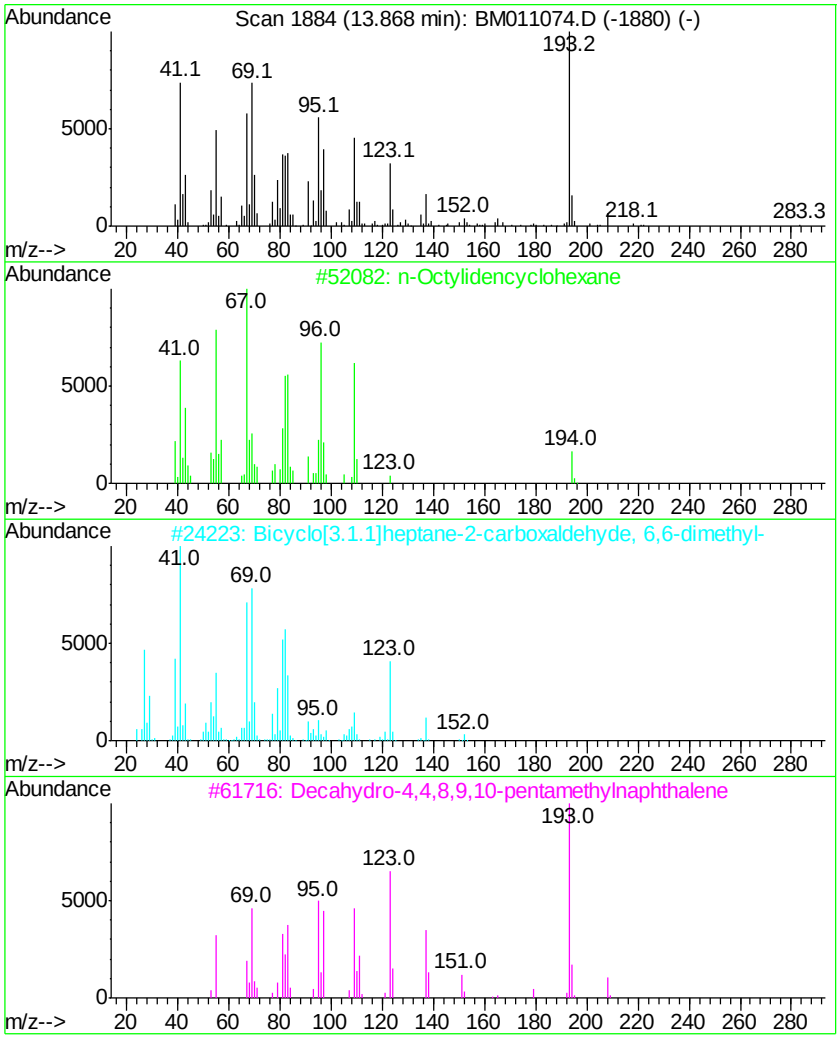
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

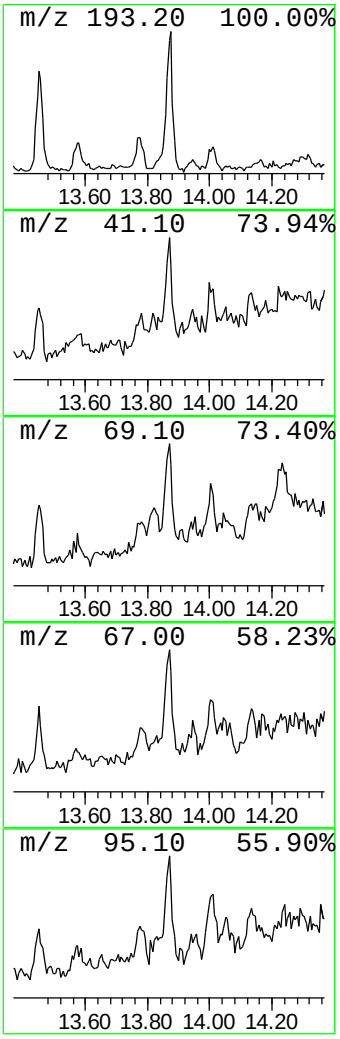
****

Peak Number 6 unknown13.87 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.49 ng	820086	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Octylidencyclohexane	194	C14H26	137595-12-1	48
2	Bicyclo[3.1.1]heptane-2-carboxal...	152	C10H16O	004764-14-1	46
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	30
4	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	27
5	Phosphetane, 1-chloro-2,2,3,4,4-...	194	C8H16ClOP	029276-11-7	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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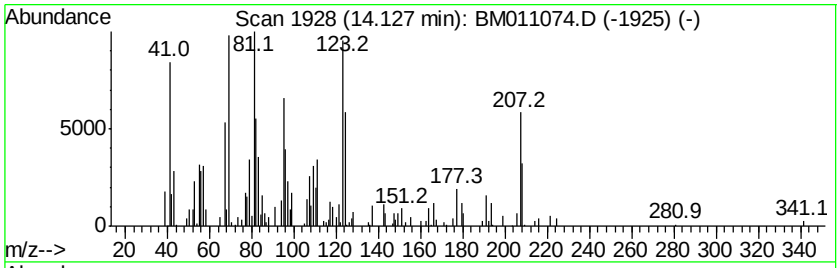
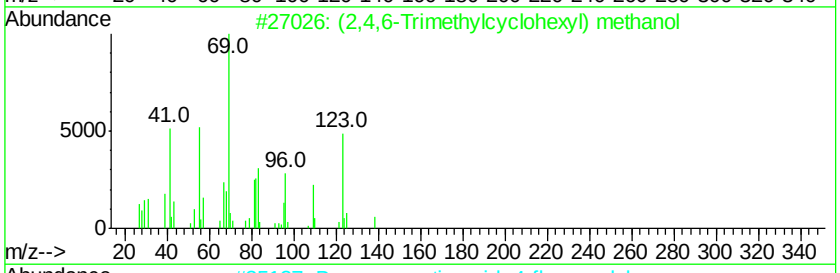
****

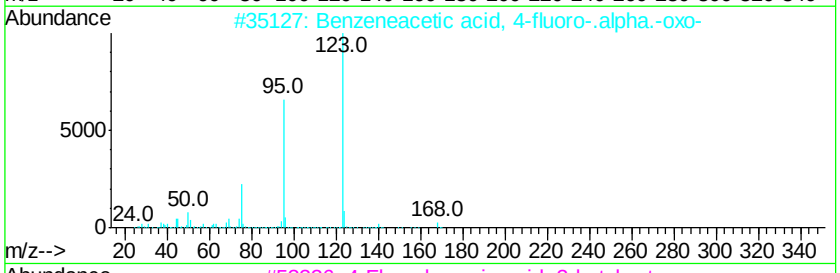
Peak Number 7 unknown14.13 Concentration Rank 11

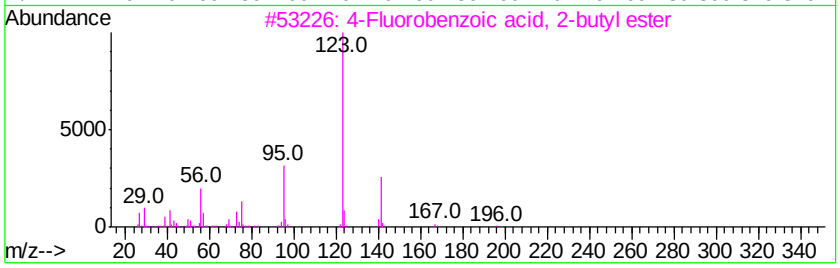
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	2.83 ng	310111	Acenaphthene-d10	14.04

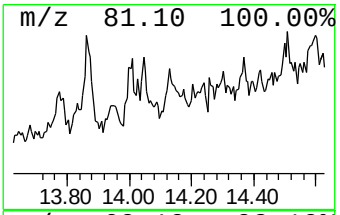
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	38
2	Benzeneacetic acid, 4-fluoro-.al...	168	C8H5FO3	002251-76-5	30
3	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	27
4	2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	27
5	Bicyclo[2.2.1]heptane, 1,3,3-tri...	138	C10H18	006248-88-0	22

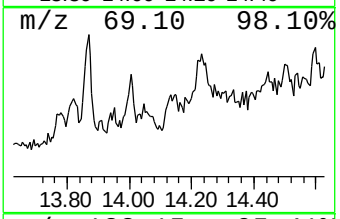


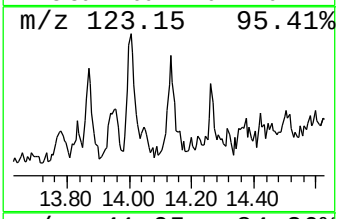


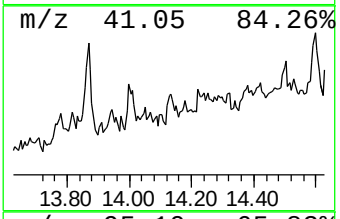


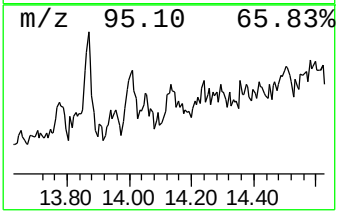












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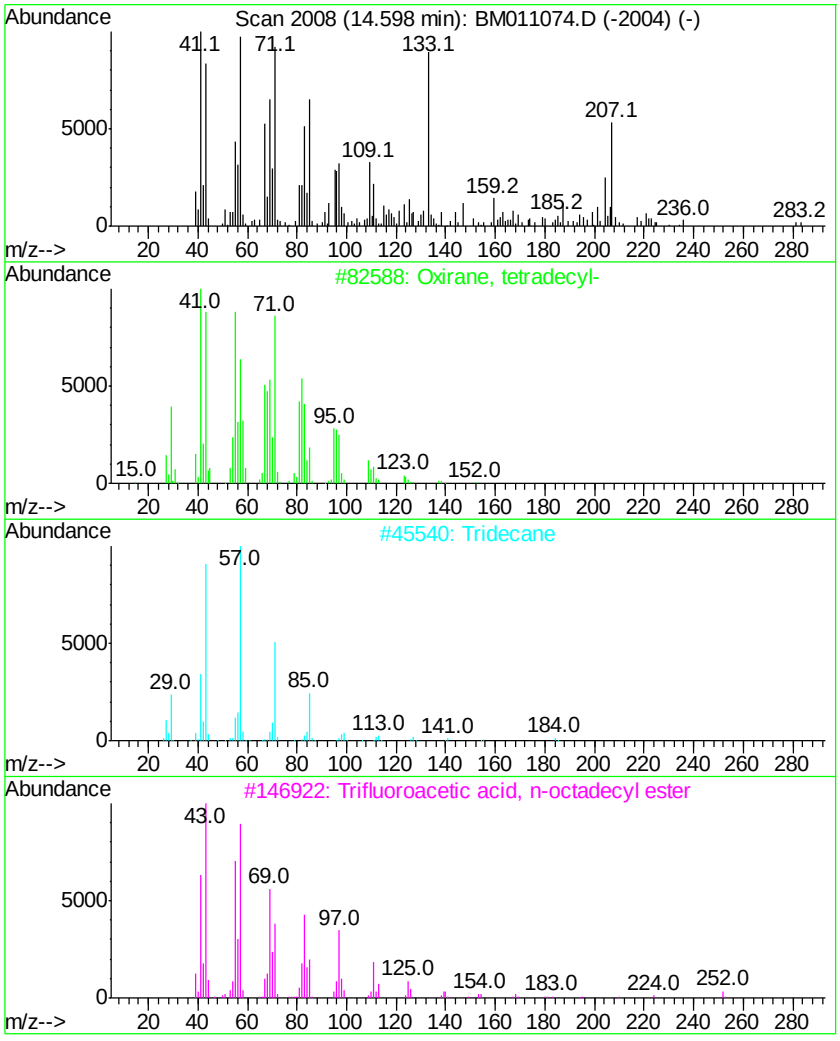
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

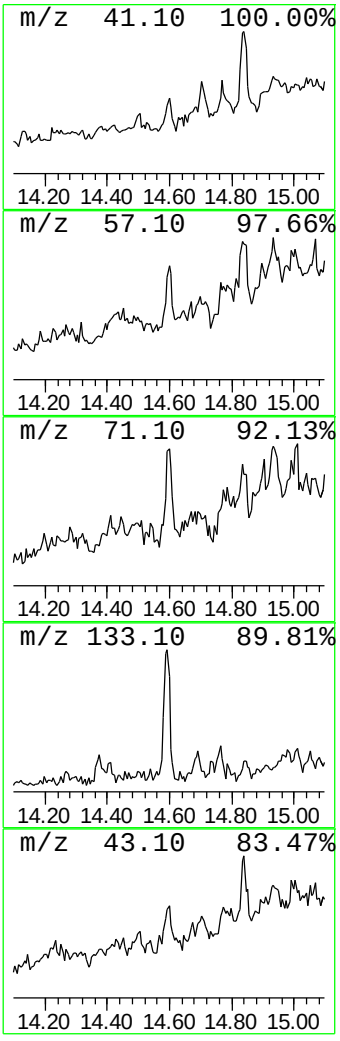
****

Peak Number 8 unknown14.60 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	4.14 ng	453388	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	30
2	Tridecane	184	C13H28	000629-50-5	30
3	Trifluoroacetic acid, n-octadecv...	366	C20H37F3O2	079392-43-1	25
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	25
5	1,2,3-Propatriol, 1-indol-4-yl(e...	207	C11H13NO3	061212-32-6	22





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Sample : I4445-01
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Instrument : BNA_M
ClientSampleId : BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

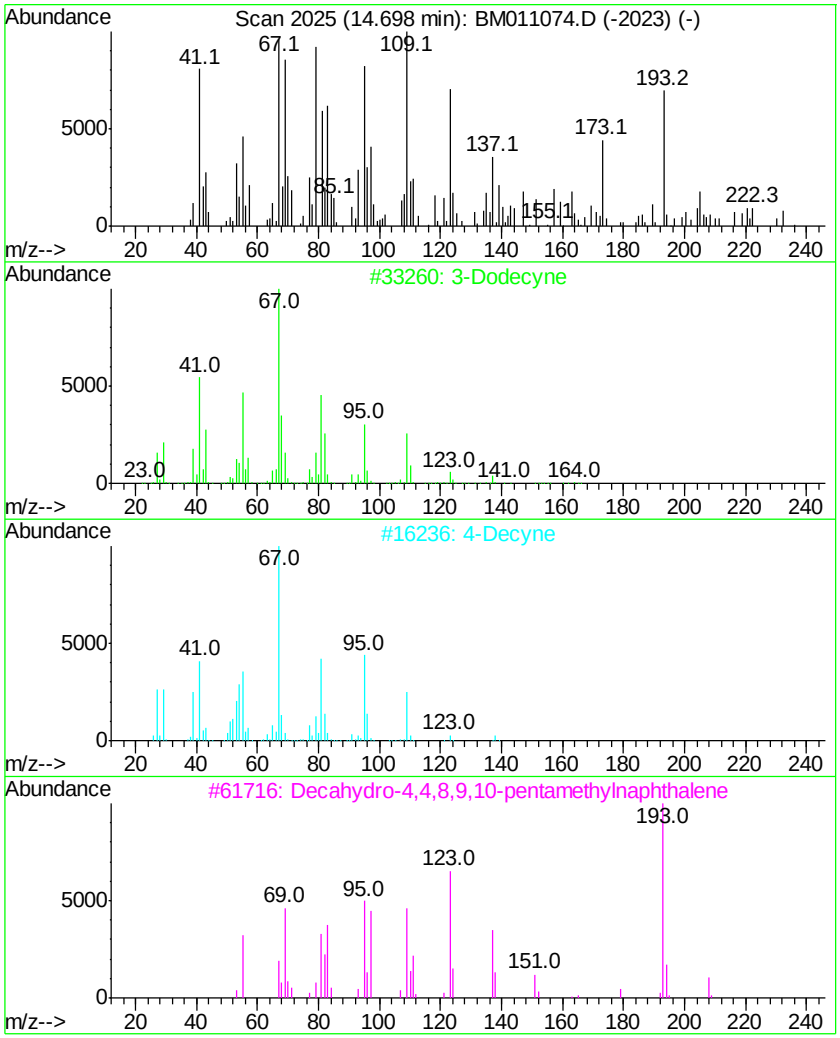
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

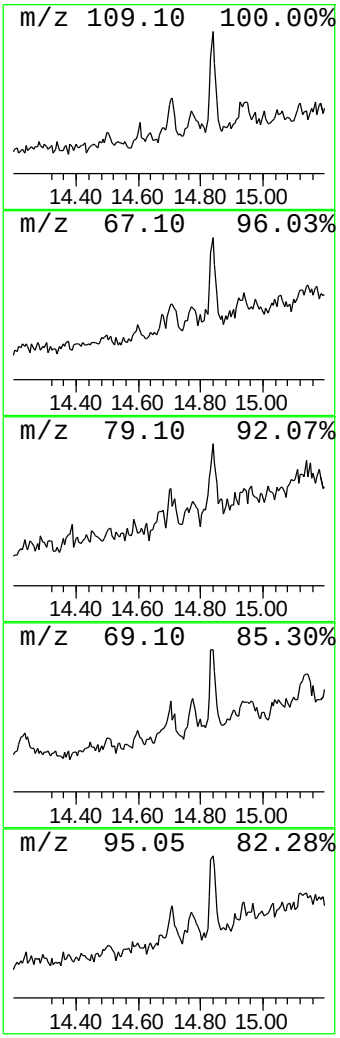
****

Peak Number 9 unknown14.70 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.55 ng	607541	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Dodecyne	166	C12H22	006790-27-8	49
2	4-Decyne	138	C10H18	002384-86-3	46
3	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
4	7-Octene-1,2-diol	144	C8H16O2	085866-02-0	35
5	Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	30





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Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

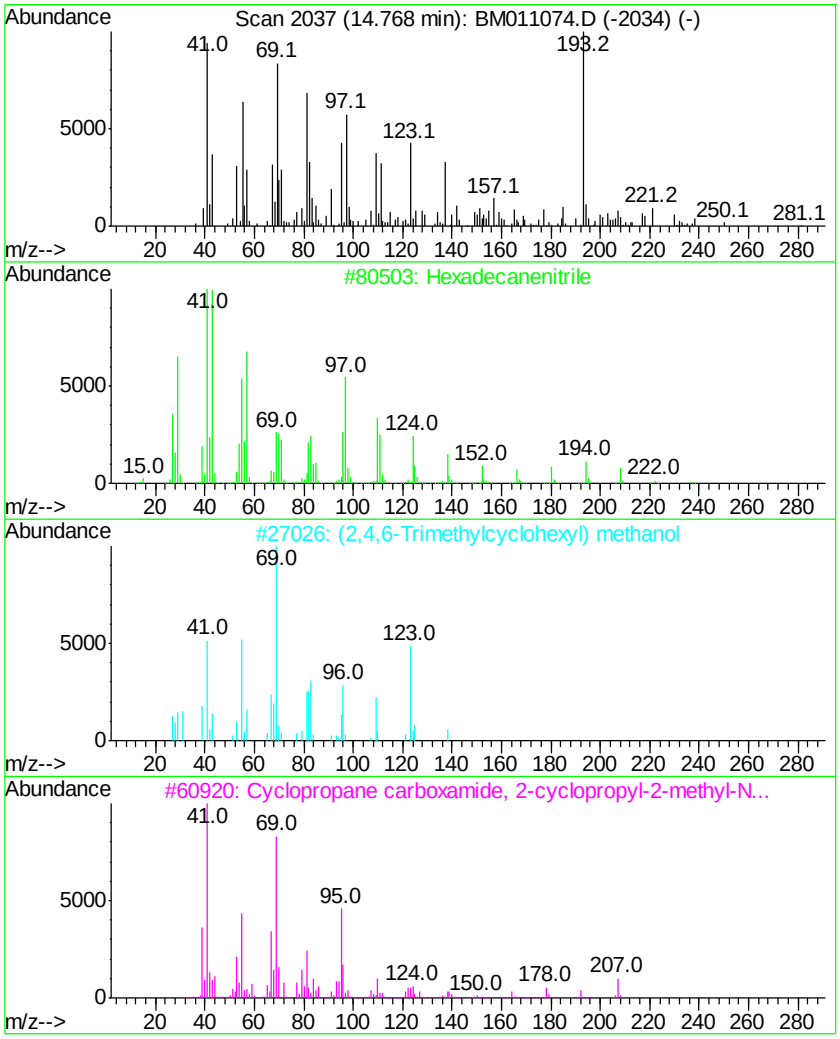
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

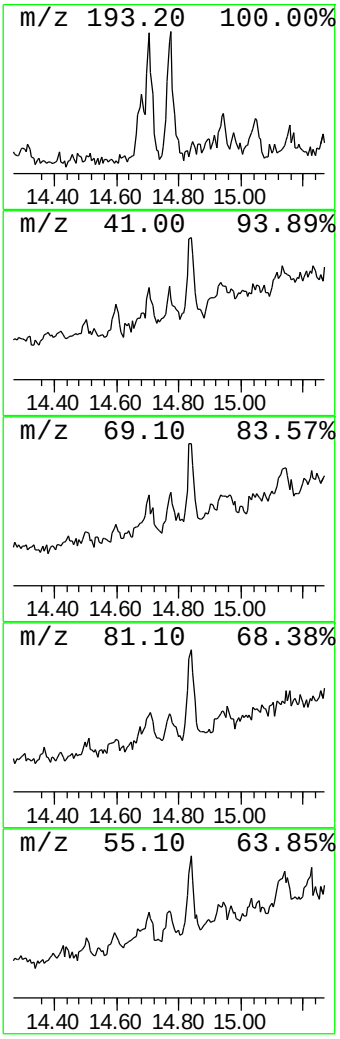
****

Peak Number 10 unknown14.77 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	5.58 ng	611025	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanenitrile	237	C16H31N	000629-79-8	25
2	(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	22
3	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	22
4	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	22
5	Bornylamine, N-cyclopropylcarbonyl	221	C14H23NO	1000278-71-0	22





Data Path : Z:\HPCHEM1\BNA M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.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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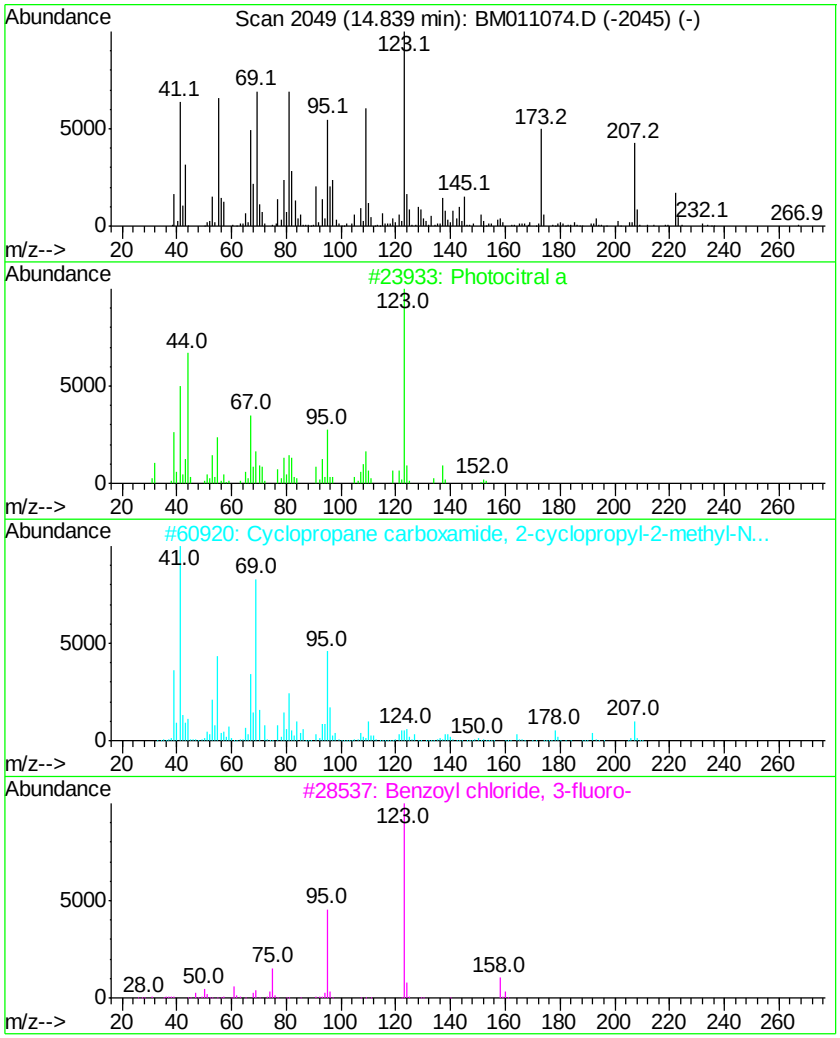
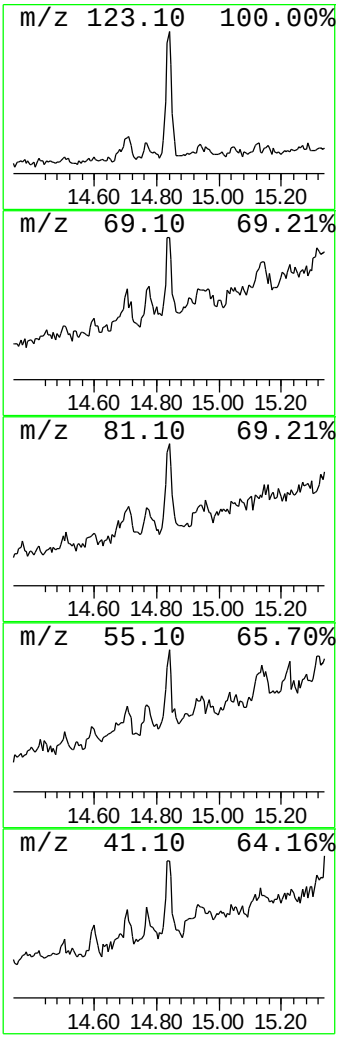
Peak Number 11 unknown14.84 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	16.03 ng	1755870	Acenaphthene-d10	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Photocitral a	152	C10H16O	1000292-85-0	38
2	Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	38
3	Benzoyl chloride, 3-fluoro-	158	C7H4ClFO	001711-07-5	25
4	1,2-Dihexylcyclopropene	208	C15H28	035365-52-7	25
5	Cyclohexene, 4-(4-ethylcyclohexy...	262	C19H34	301643-32-3	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073117\
Data File : BM011074.D
Acq On : 31 Jul 2017 18:55
Operator : SJ/JU
Sample : I4445-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BLC-IP-OILY-ROCKS-SAND

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.58	4.5	ng	322738	1	7.38	1443770	20.0
unknown6.92	6.92	75.4	ng	5440270	1	7.38	1443770	20.0
Decahydro-4,4,8,9...	13.45	4.5	ng	488573	3	14.04	2190830	20.0
unknown13.77	13.77	3.9	ng	429504	3	14.04	2190830	20.0
unknown13.87	13.87	7.5	ng	820086	3	14.04	2190830	20.0
unknown14.13	14.13	2.8	ng	310111	3	14.04	2190830	20.0
unknown14.60	14.60	4.1	ng	453388	3	14.04	2190830	20.0
unknown14.70	14.70	5.5	ng	607541	3	14.04	2190830	20.0
unknown14.77	14.77	5.6	ng	611025	3	14.04	2190830	20.0
unknown14.84	14.84	16.0	ng	1755870	3	14.04	2190830	20.0