LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044874.D
Acq On : 18 Mar 2020 21:49
Operator : CG/JU
Sample : L1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

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_G\METHODS\8270-BG031020.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	3.153	4	11	20	rBV3	57880	184244	4.72%	0.684%
2	3.235	20	25	34	rVB	36788	76129	1.95%	0.283%
3	5.615	423	430	441	rBV	1098955	1875043	48.08%	6.961%
4	7.201	691	700	711	rBV	1151680	2027128	51.98%	7.525%
5	8.047	836	844	852	rBV	310297	554693	14.22%	2.059%
6	8.370	889	899	911	rBV	929306	1677886	43.02%	6.229%
7	9.199	1030	1040	1049	rBV	741074	1361819	34.92%	5.055%
8	10.850	1313	1321	1330	rBV	412677	761629	19.53%	2.827%
9	13.300	1731	1738	1747	rBV	1790612	2917160	74.80%	10.829%
10	13.482	1765	1769	1771	rBV5	41269	61767	1.58%	0.229%
11	14.116	1873	1877	1884	rBV2	236326	430441	11.04%	1.598%
12	14.175	1884	1887	1891	rVV4	80512	117190	3.01%	0.435%
13	14.522	1943	1946	1952	rVB4	208864	328363	8.42%	1.219%
14	14.592	1953	1958	1961	rBV4	115834	196767	5.05%	0.730%
15	14.675	1965	1972	1977	rBV	614162	1267887	32.51%	4.707%
16	15.209	2061	2063	2071	rVB6	150635	206069	5.28%	0.765%
17	16.161	2221	2225	2230	rBV	1313873	1869235	47.93%	6.939%
18	16.431	2267	2271	2278	rVB	1554983	2286048	58.62%	8.486%
19	17.254	2408	2411	2417	rVB	1459576	2060417	52.83%	7.649%
20	17.859	2511	2514	2519	rVB3	550822	827026	21.21%	3.070%
21	20.033	2880	2884	2892	rVB	2748302	3899810	100.00%	14.477%
22	21.690	3162	3166	3171	rVB2	656407	1033605	26.50%	3.837%
23	24.898	3707	3712	3721	rVB2	376252	917307	23.52%	3.405%

Sum of corrected areas: 26937663

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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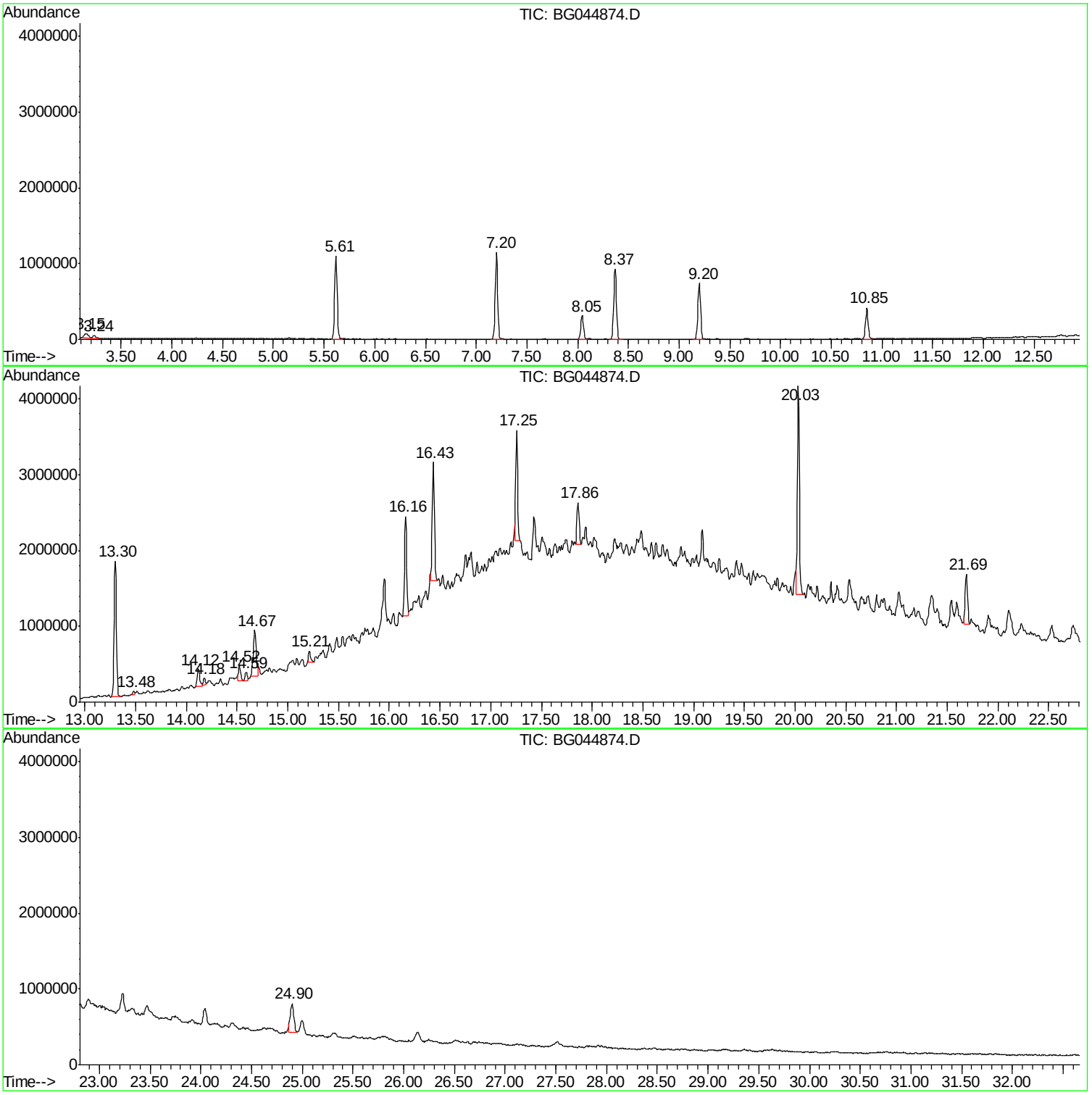
Operator : CG/JU
Sample : L1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044874.D
Acq On : 18 Mar 2020 21:49
Operator : CG/JU
Sample : L1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

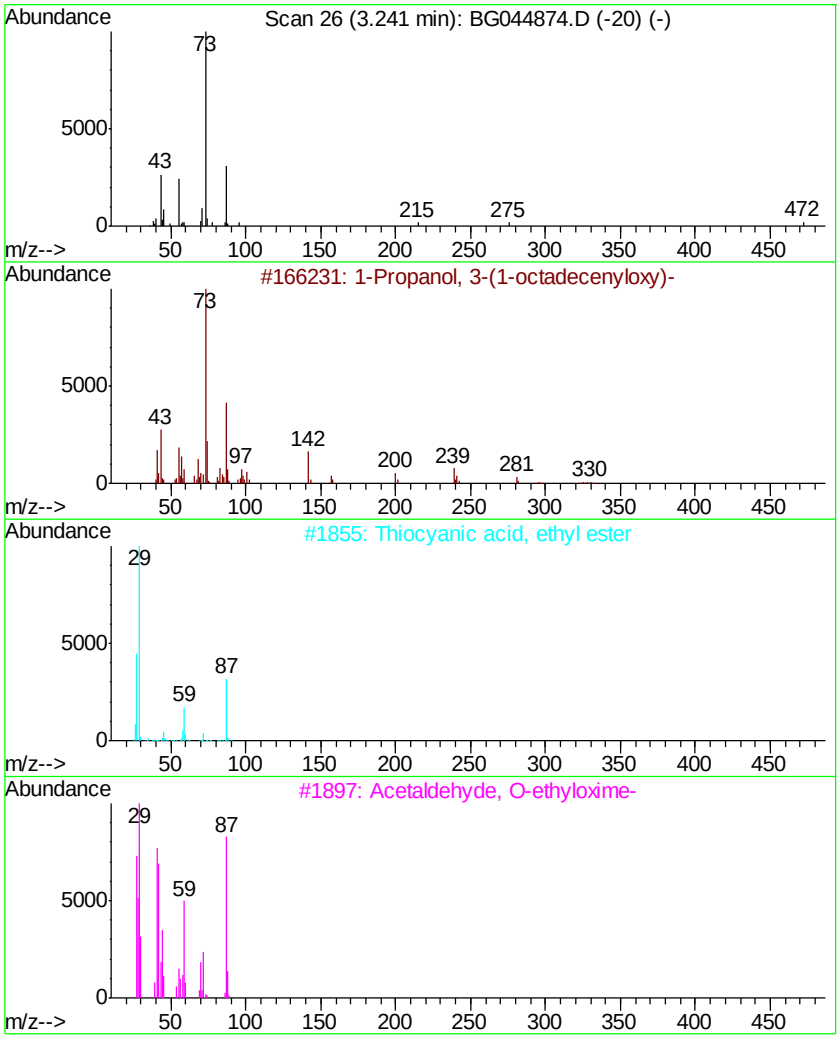
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

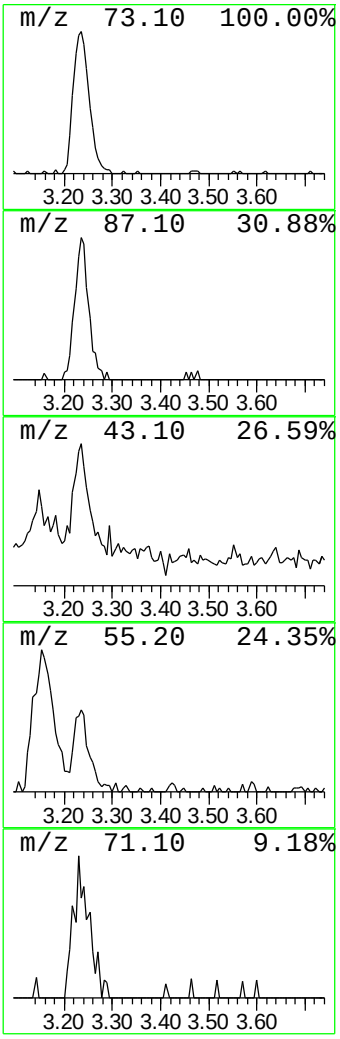
****

Peak Number 2 unknown3.24 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	2.74 ng	76129	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-(1-octadecenyloxy)-	326	C21H42O2	072347-46-7	9
2	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	5
3	Acetaldehyde, O-ethyloxime-	87	C4H9NO	1000288-34-6	5
4	Isobutylamine	73	C4H11N	000078-81-9	4
5	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4





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Data File : BG044874.D
Acq On : 18 Mar 2020 21:49
Operator : CG/JU
Sample : L1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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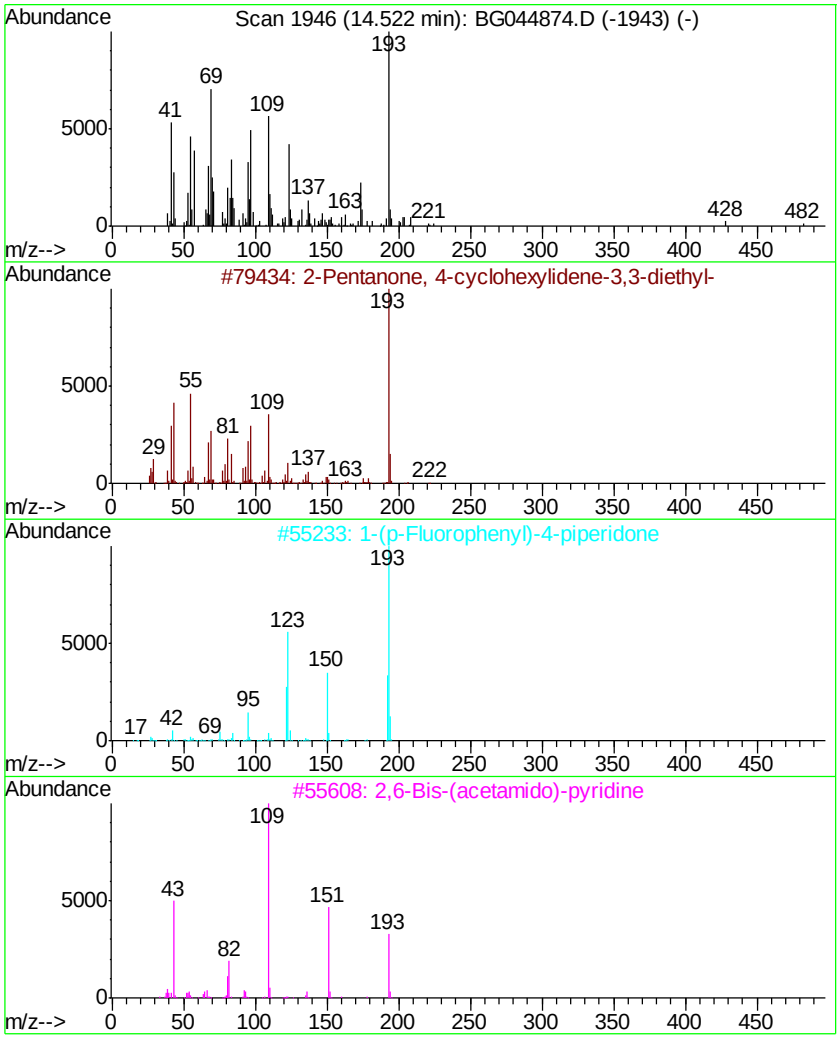
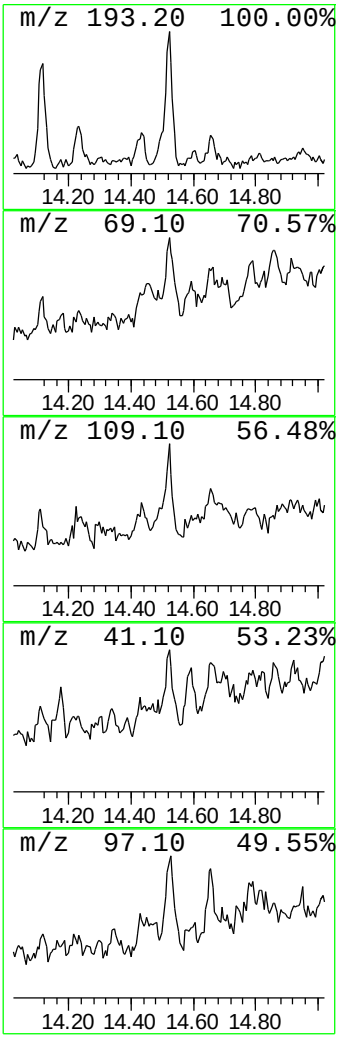
Peak Number 4 unknown14.52 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.18 ng	328363	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	45
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	37
3	2,6-Bis-(acetamido)-pyridine	193	C9H11N3O2	005441-02-1	32
4	2,6-Heptadienal, 2,4-dimethyl-	138	C9H14O	085136-08-9	25
5	2,6-Pyridinedicarboxylic acid, d...	279	C15H21NO4	1000368-84-9	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
Data File : BG044874.D
Acq On : 18 Mar 2020 21:49
Operator : CG/JU
Sample : L1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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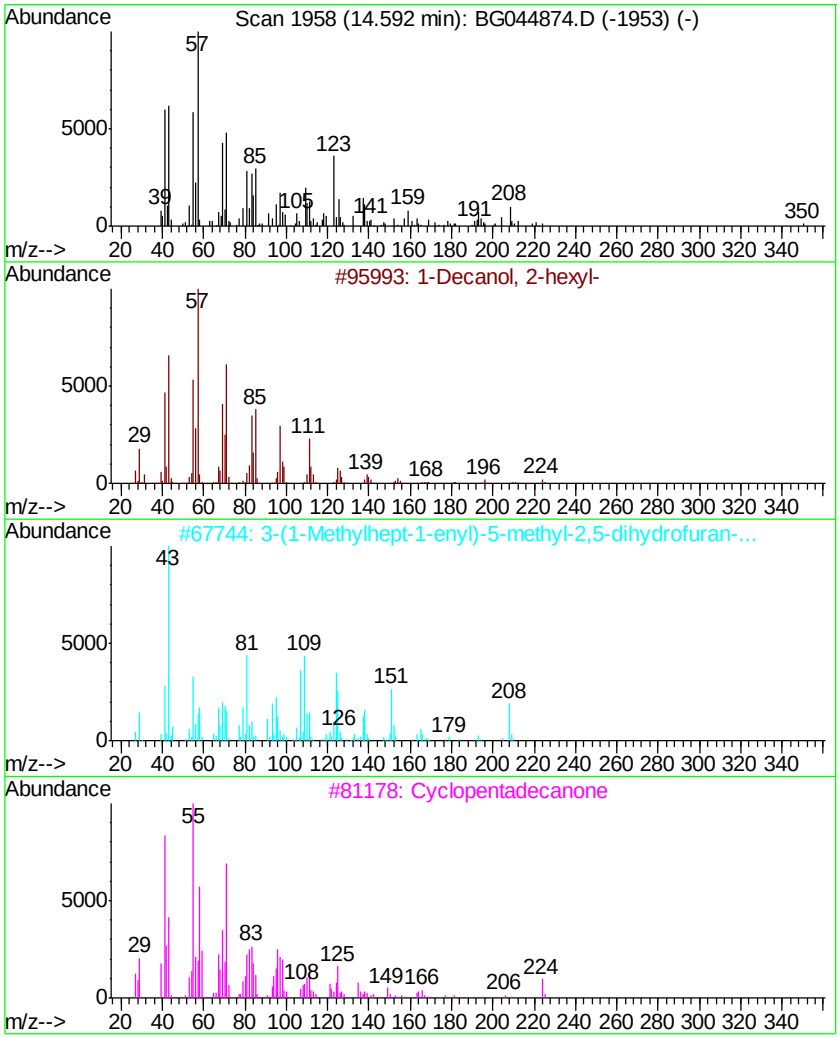
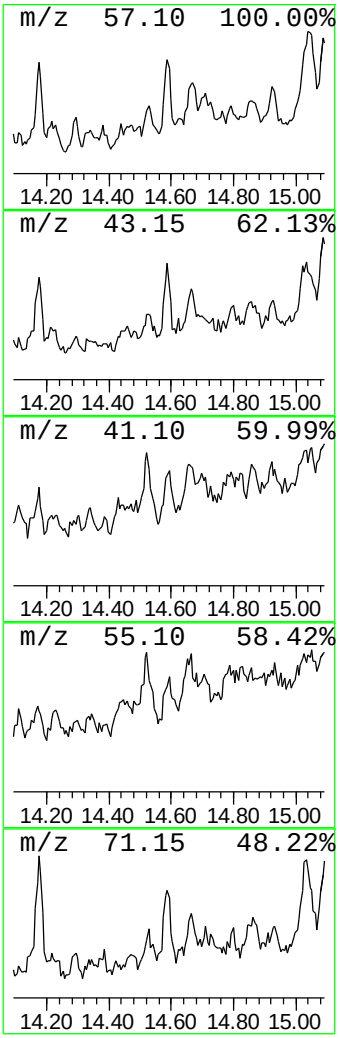
Peak Number 5 unknown14.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.59	3.10 ng	196767	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	41
2	3-(1-Methylhept-1-enyl)-5-methyl...	208	C13H20O2	1000284-50-5	41
3	Cyclopentadecanone	224	C15H28O	000502-72-7	38
4	Oxalic acid, cyclobutyl tetradec...	340	C20H36O4	1000309-70-9	35
5	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	30





Library Search Compound Report

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Data File : BG044874.D
Acq On : 18 Mar 2020 21:49
Operator : CG/JU
Sample : L1948-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-STONES

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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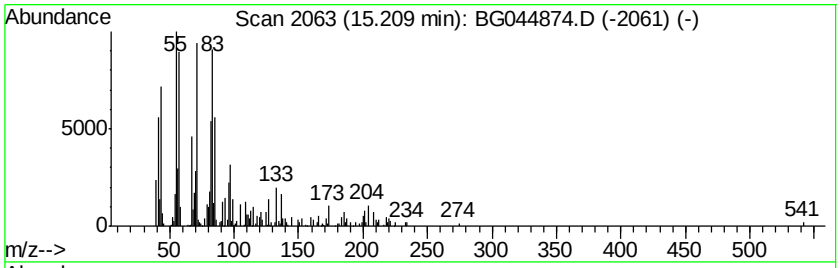
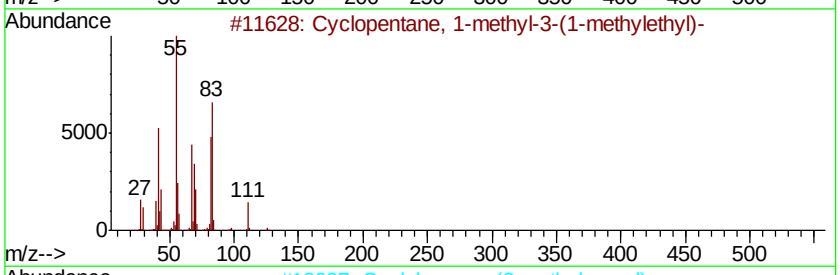
****

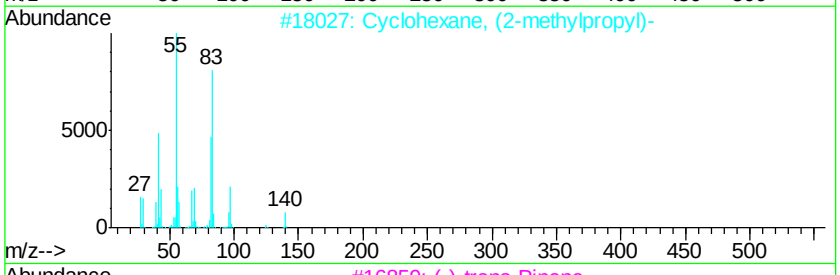
Peak Number 6 unknown15.21 Concentration Rank 7

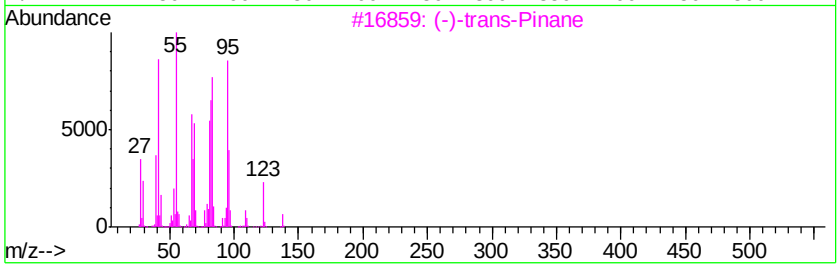
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	3.25 ng	206069	Acenaphthene-d10	14.67

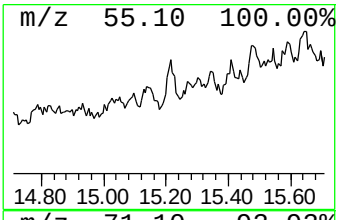
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	38
2	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	35
3	(-)-trans-Pinane	138	C10H18	033626-25-4	27
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	22
5	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	22

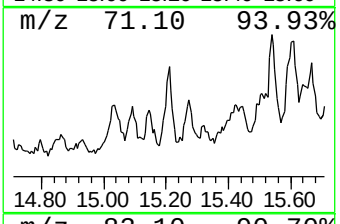


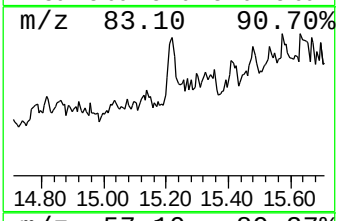


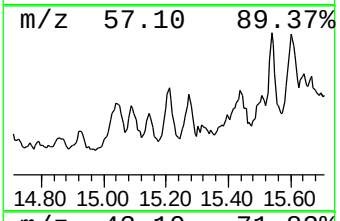


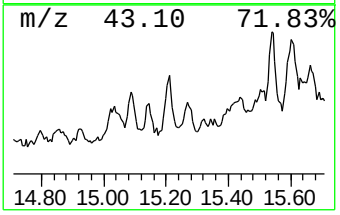












Library Search Compound Report

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Sample : L1948-09
Misc :
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Instrument : BNA_G
ClientSampleId : OILY-STONES

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

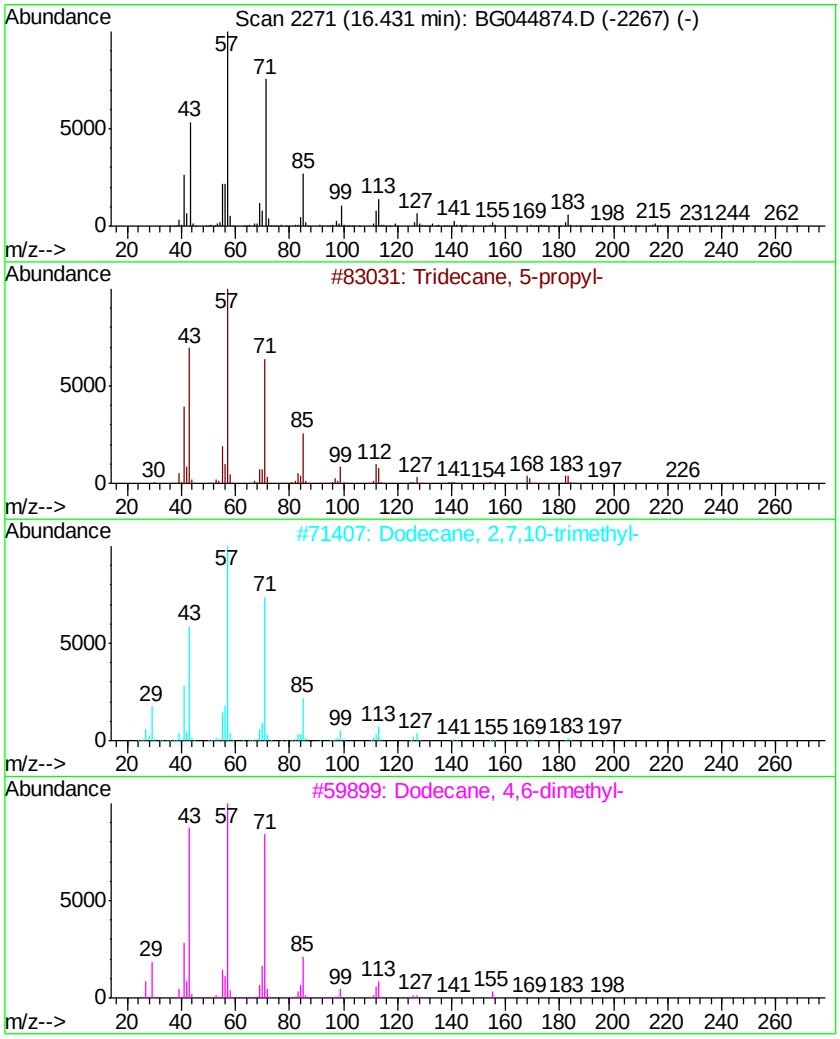
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

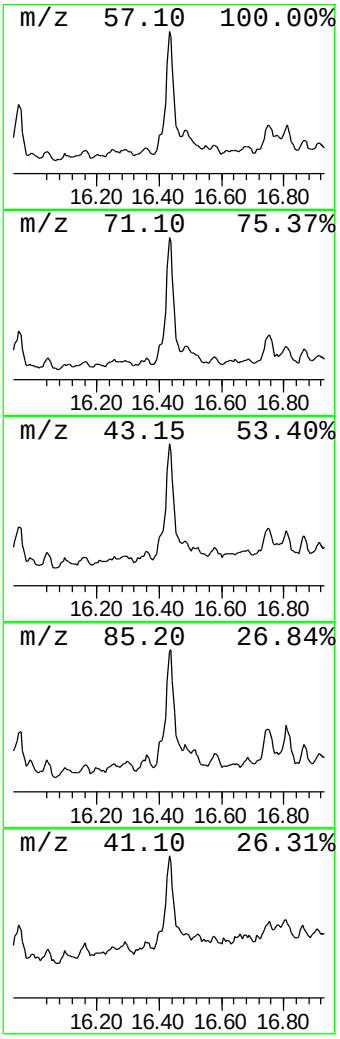
****

Peak Number 7 Tridecane, 5-propyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	22.19 ng	2286050	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	74
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031820\
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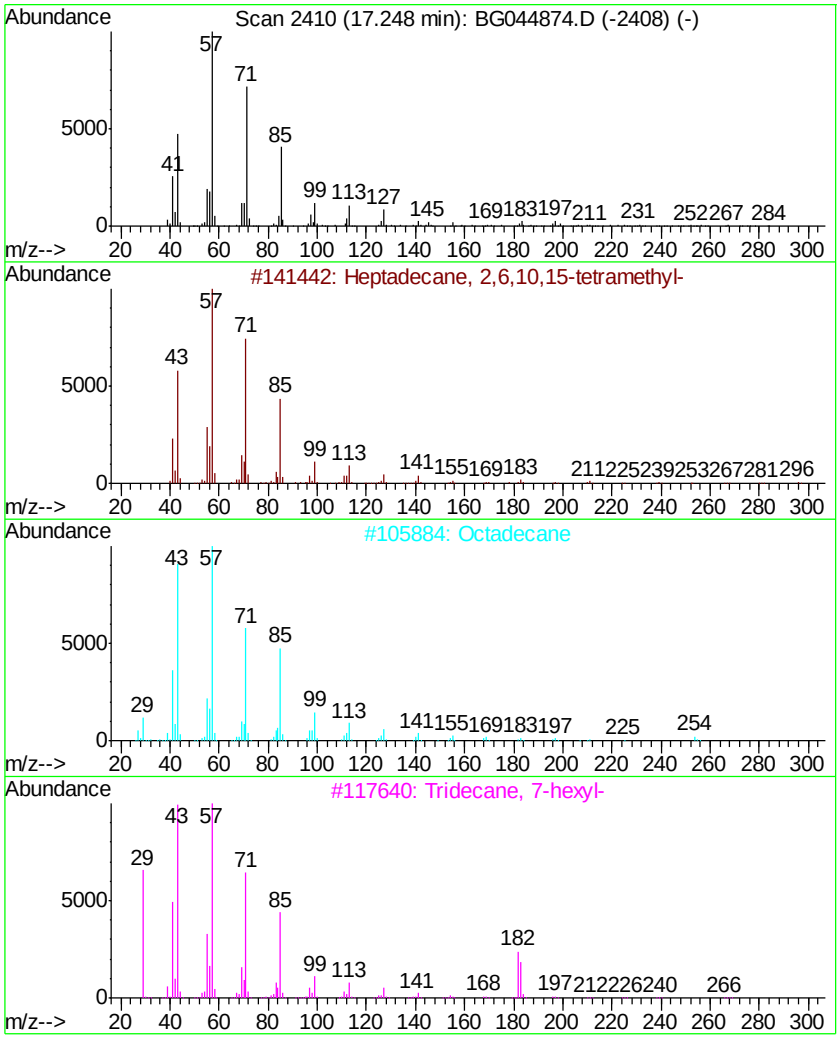
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

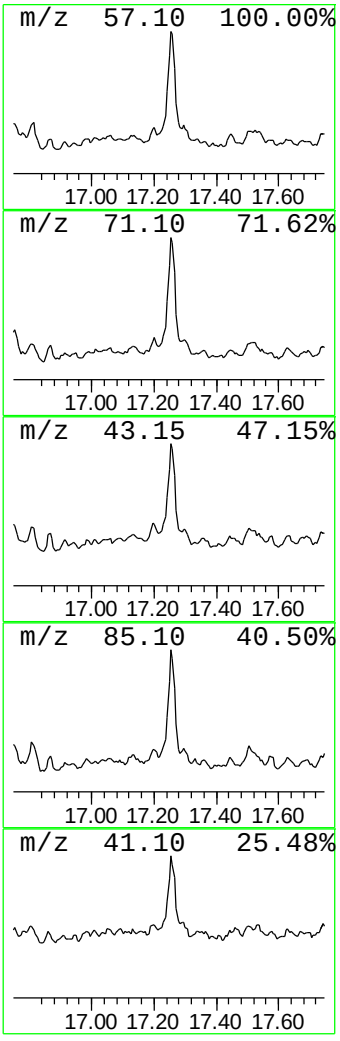
****

Peak Number 8 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	20.00 ng	2060420	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	87
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	86





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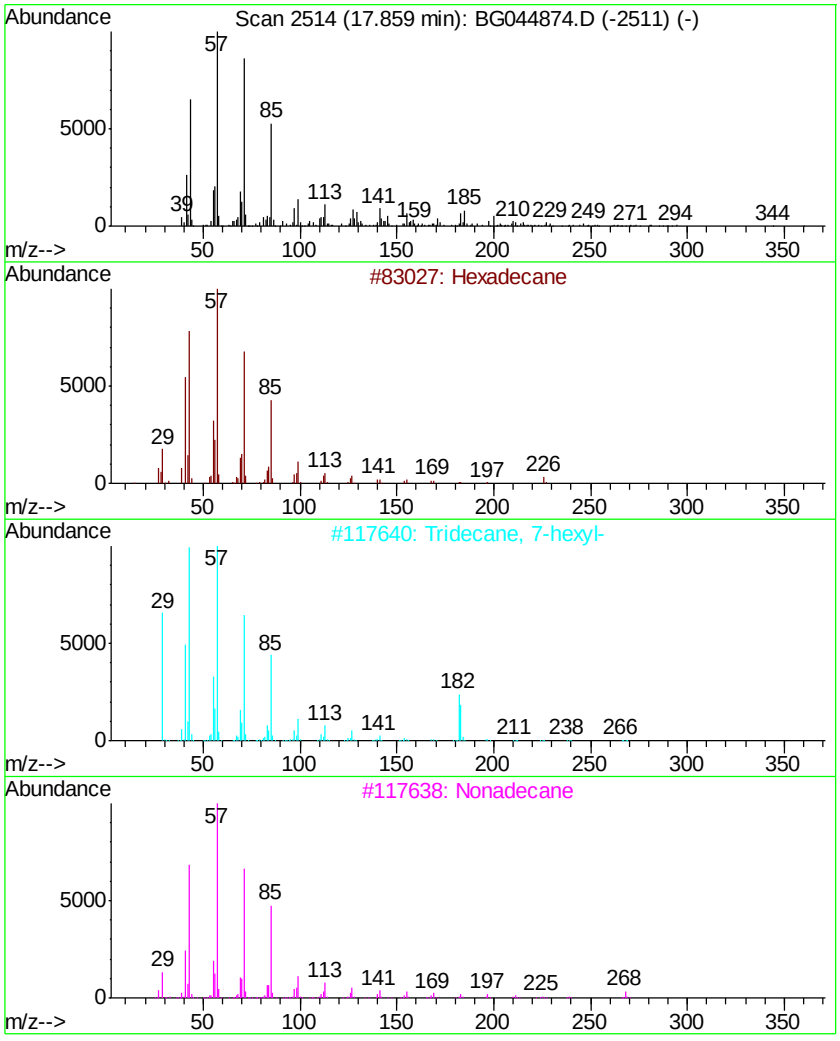
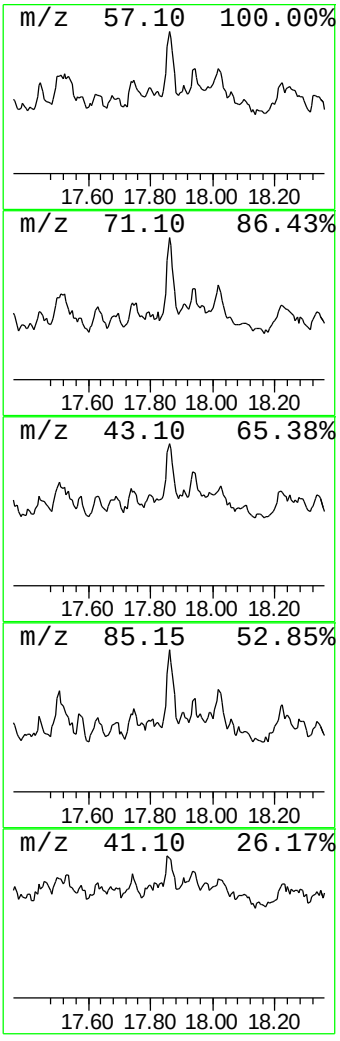
Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	8.03 ng	827026	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
5	Tridecane	184	C13H28	000629-50-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044874.D
Acq On : 18 Mar 2020 21:49
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.24	3.24	2.7	ng	76129	1	8.05	554693	20.0
unknown14.52	14.52	5.2	ng	328363	3	14.67	1267890	20.0
unknown14.59	14.59	3.1	ng	196767	3	14.67	1267890	20.0
unknown15.21	15.21	3.3	ng	206069	3	14.67	1267890	20.0
Tridecane, 5-propyl-	16.43	22.2	ng	2286050	4	17.42	2060420	20.0
Heptadecane, 2,6,...	17.25	20.0	ng	2060420	4	17.42	2060420	20.0
Hexadecane	17.86	8.0	ng	827026	4	17.42	2060420	20.0