LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
Data File : BM008958.D
Acq On : 02 Feb 2017 12:40
Operator : SJ/MA
Sample : I1449-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ1

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\SOM02.2-EPA-BM013017.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	2.828	37	41	45	rVB6	20656	27720	2.23%	0.156%
2	2.905	50	54	58	rVV5	18016	25721	2.07%	0.145%
3	2.957	60	63	68	rVB	65625	73823	5.94%	0.415%
4	3.034	72	76	82	rBV6	33224	48964	3.94%	0.275%
5	3.375	130	134	137	rBV3	17158	20565	1.65%	0.116%
6	3.863	212	217	222	rVB2	28193	39437	3.17%	0.222%
7	6.398	645	648	657	rBV5	9645	20609	1.66%	0.116%
8	6.504	657	666	670	rVB7	10198	21837	1.76%	0.123%
9	7.063	754	761	773	rBV3	309255	592339	47.63%	3.331%
10	7.240	786	791	803	rVB	190499	295183	23.74%	1.660%
11	7.440	819	825	832	rVB2	296691	466468	37.51%	2.623%
12	7.910	899	905	913	rVB	323287	517219	41.59%	2.908%
13	8.604	1016	1023	1032	rBV2	301150	506965	40.77%	2.851%
14	9.081	1097	1104	1112	rBV	291425	487509	39.20%	2.741%
15	9.798	1218	1226	1234	rBV2	257903	425178	34.19%	2.391%
16	10.328	1310	1316	1323	rBV2	330305	544042	43.75%	3.059%
17	10.716	1375	1382	1390	rVB	388133	629297	50.61%	3.539%
18	10.851	1397	1405	1415	rBV2	195068	340803	27.41%	1.916%
19	13.563	1862	1866	1870	rVB3	14104	18789	1.51%	0.106%
20	13.733	1889	1895	1900	rVB7	11846	15847	1.27%	0.089%
21	13.816	1903	1909	1913	rBV4	16911	20408	1.64%	0.115%
22	13.957	1927	1933	1937	rBV	535374	723438	58.18%	4.068%
23	13.998	1937	1940	1946	rVB	72430	97990	7.88%	0.551%
24	14.245	1976	1982	1993	rBV	520910	734929	59.10%	4.133%
25	14.427	2008	2013	2018	rBV4	9167	15459	1.24%	0.087%
26	14.551	2027	2034	2040	rBV	535601	758950	61.03%	4.268%
27	14.733	2060	2065	2072	rBV2	287621	410598	33.02%	2.309%
28	14.945	2096	2101	2105	rBV3	19594	29643	2.38%	0.167%
29	15.380	2170	2175	2181	rVB	19015	28771	2.31%	0.162%
30	15.545	2196	2203	2209	rBV	615823	899944	72.37%	5.060%
31	15.657	2216	2222	2229	rBV	259641	373494	30.04%	2.100%
32	15.786	2236	2244	2247	rBV5	12727	22677	1.82%	0.128%
33	16.239	2315	2321	2328	rBV3	26582	48767	3.92%	0.274%
34	17.033	2450	2456	2460	rBV2	25679	32036	2.58%	0.180%

LSC Area Percent Report

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Acq On : 02 Feb 2017 12:40
Operator : SJ/MA
Sample : I1449-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ1

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\SOM02.2-EPA-BM013017.M
Title : SVOA CALIBRATION

35	17.298	2493	2501	2509	rBV2	629236	918176	73.84%	5.163%
36	17.398	2512	2518	2525	rVB	691873	1005300	80.84%	5.653%
37	18.168	2644	2649	2656	rBV2	112599	158509	12.75%	0.891%
38	19.151	2812	2816	2819	rVB5	12482	17745	1.43%	0.100%
39	19.298	2838	2841	2843	rBV2	16786	20032	1.61%	0.113%
40	19.321	2843	2845	2847	rVB3	13329	13665	1.10%	0.077%
41	19.439	2861	2865	2871	rBV4	76823	97384	7.83%	0.548%
42	19.686	2901	2907	2915	rVB	888477	1182998	95.13%	6.652%
43	19.927	2941	2948	2953	rBV3	106917	135754	10.92%	0.763%
44	20.121	2979	2981	2985	rBV6	12213	14229	1.14%	0.080%
45	20.374	3022	3024	3028	rVB5	29932	38140	3.07%	0.214%
46	20.550	3049	3054	3058	rBV	682643	832776	66.97%	4.683%
47	20.586	3058	3060	3067	rVV6	133110	194267	15.62%	1.092%
48	20.639	3067	3069	3075	rVB6	13797	24942	2.01%	0.140%
49	20.698	3075	3079	3082	rBV6	13372	26094	2.10%	0.147%
50	21.156	3153	3157	3163	rBV4	120288	181803	14.62%	1.022%
51	21.368	3189	3193	3195	rBV4	24584	35446	2.85%	0.199%
52	21.468	3204	3210	3216	rBV	911650	1197527	96.30%	6.734%
53	21.592	3229	3231	3233	rVB3	24836	16424	1.32%	0.092%
54	23.668	3578	3584	3592	rVB	650636	1243526	100.00%	6.992%
55	23.815	3603	3609	3619	rVB	574047	1113841	89.57%	6.263%

Sum of corrected areas: 17783997

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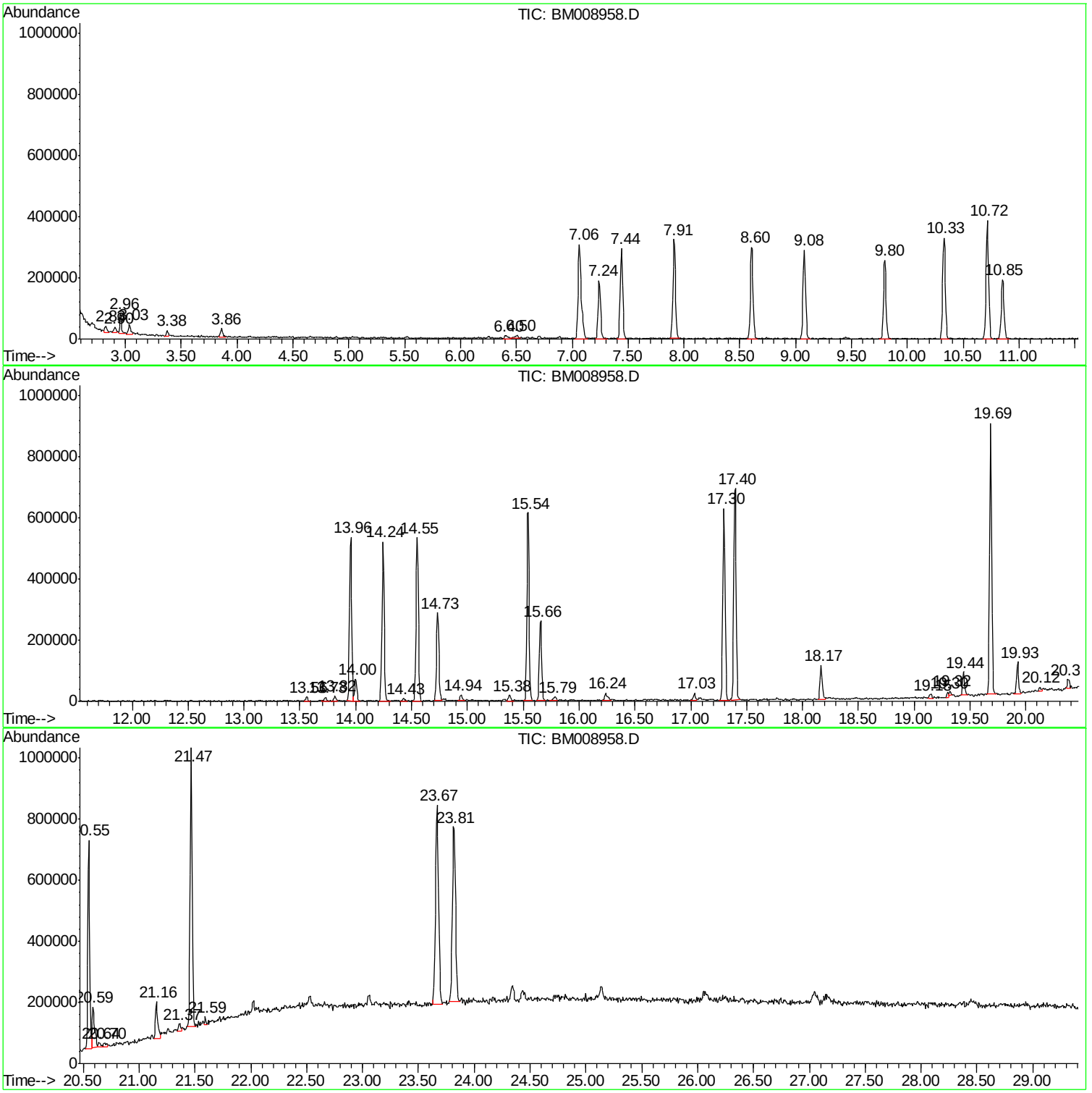
Data File : BM008958.D
Acq On : 02 Feb 2017 12:40
Operator : SJ/MA
Sample : I1449-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H0FJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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 : BM008958.D
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Operator : SJ/MA
Sample : I1449-10
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

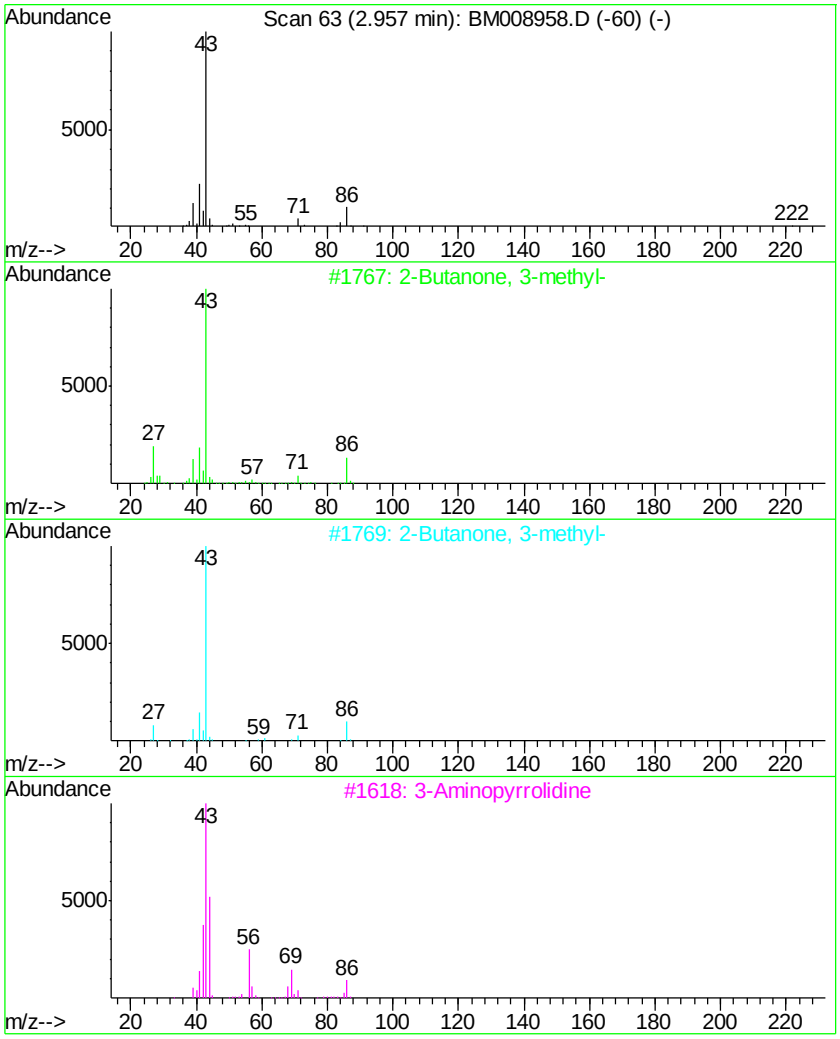
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

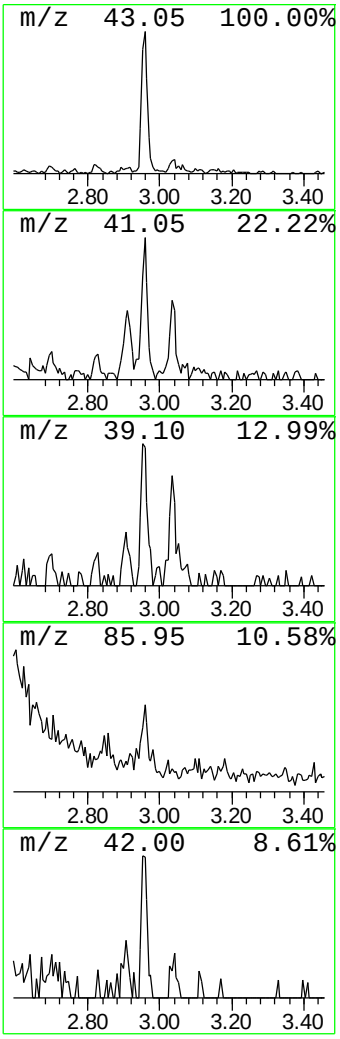
****

Peak Number 1 2-Butanone, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	2.85 ng/ul	73823	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	72
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	45
3	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	9
4	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9
5	Oxalic acid, dipropyl ester	174	C8H14O4	1000309-25-4	9





Library Search Compound Report

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Data File : BM008958.D
Acq On : 02 Feb 2017 12:40
Operator : SJ/MA
Sample : I1449-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

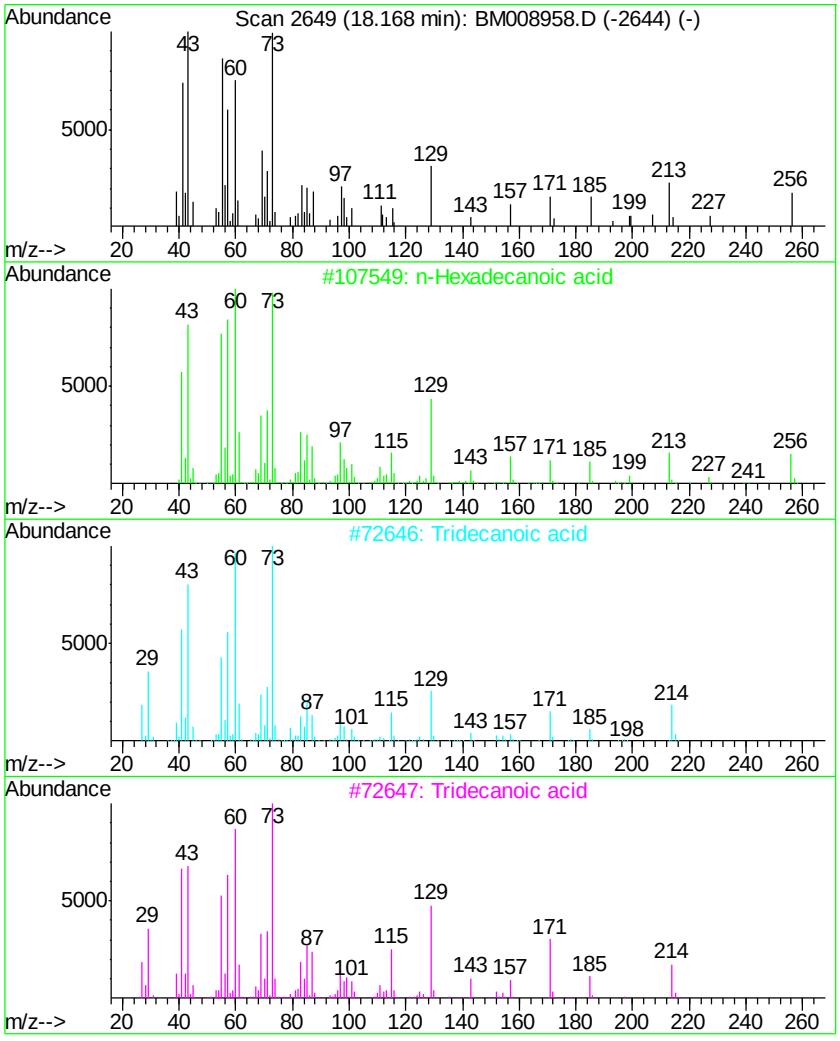
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

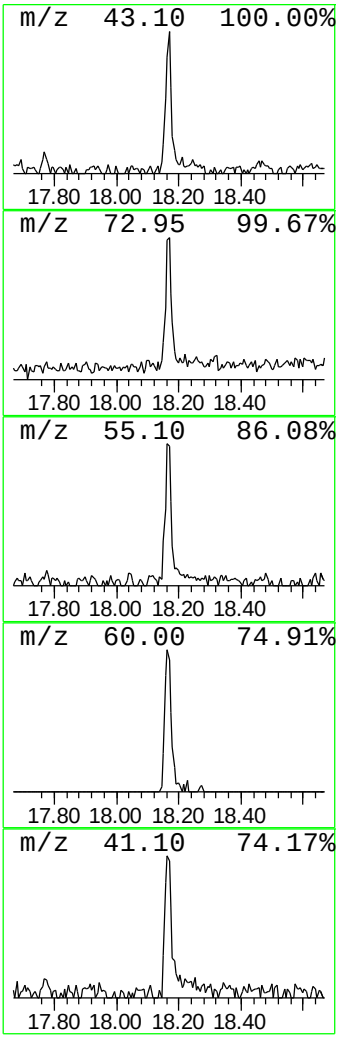
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	3.45 ng/ul	158509	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	76





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020217\
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Operator : SJ/MA
Sample : I1449-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : H0FJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

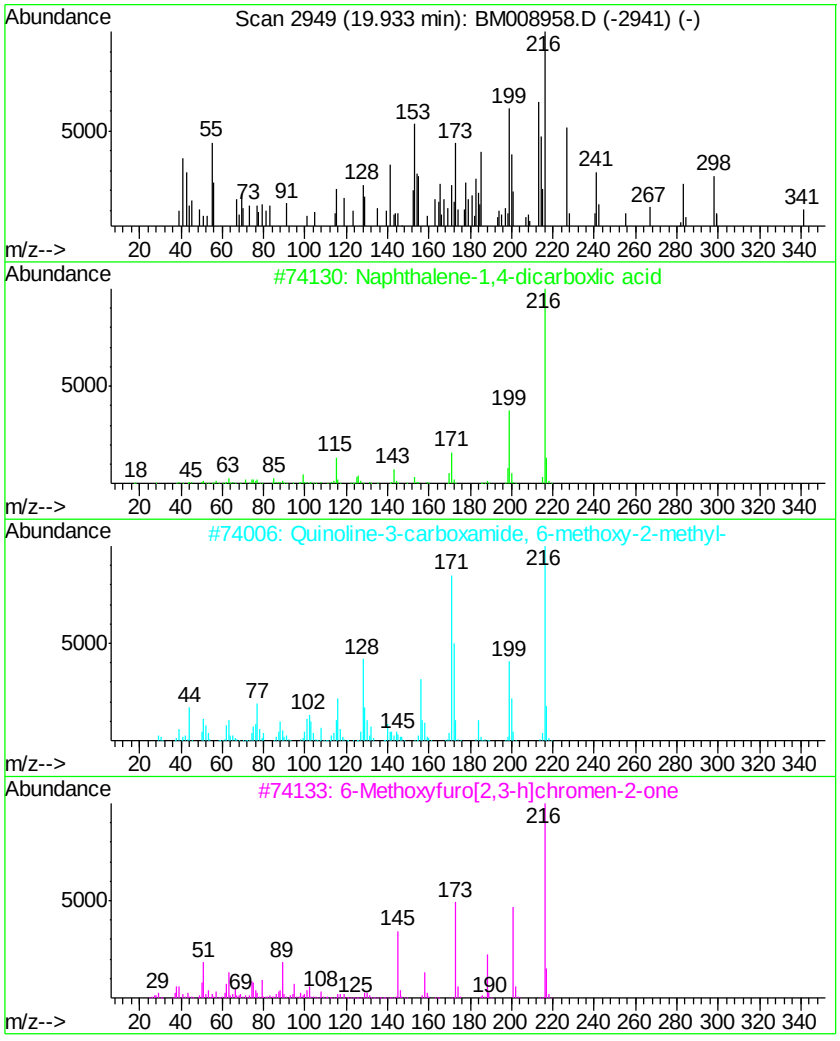
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

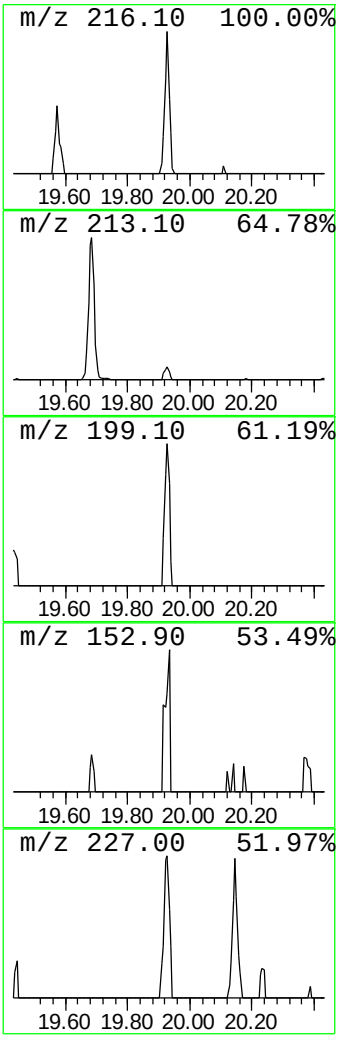
****

Peak Number 3 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.27 ng/ul	135754	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene-1,4-dicarboxlic acid	216	C12H8O4	000605-70-9	25
2	Quinoline-3-carboxamide, 6-metho...	216	C12H12N2O2	300860-46-2	25
3	6-Methoxyfuro[2,3-h]chromen-2-one	216	C12H8O4	000483-66-9	25
4	Methoxsalen	216	C12H8O4	000298-81-7	22
5	2,6-Naphthalenedicarboxylic acid	216	C12H8O4	001141-38-4	22





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Instrument : BNA_M
ClientSampleId : H0FJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

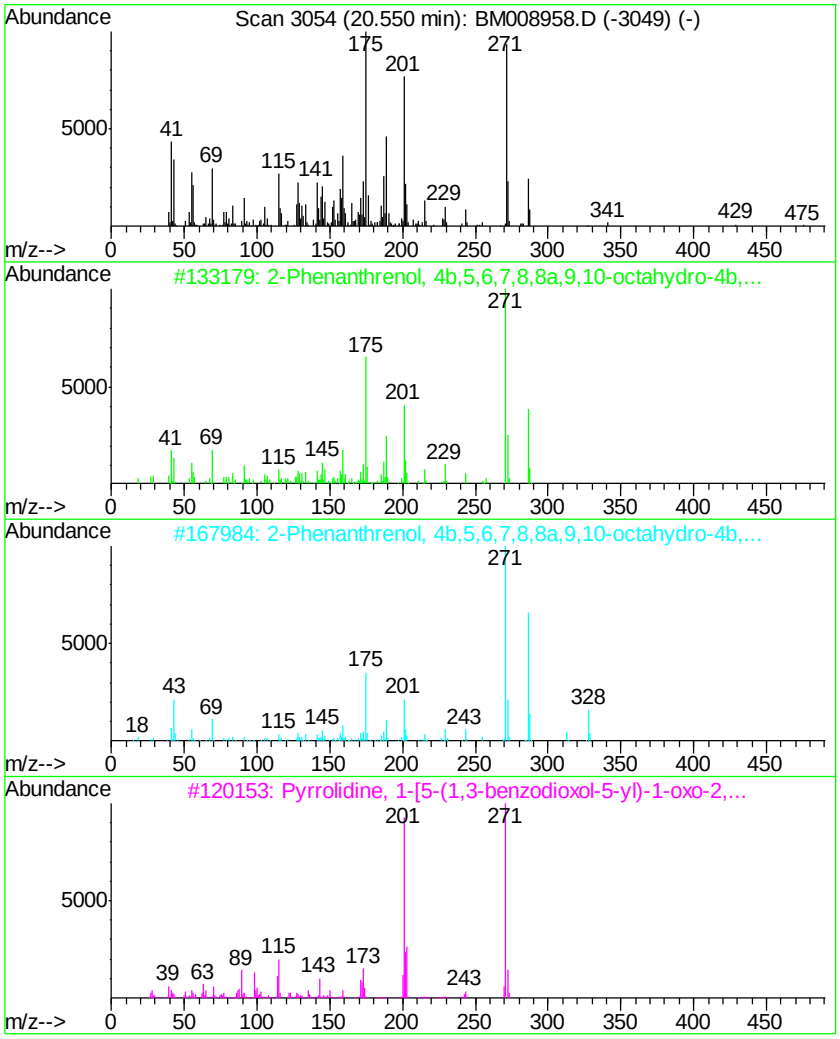
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

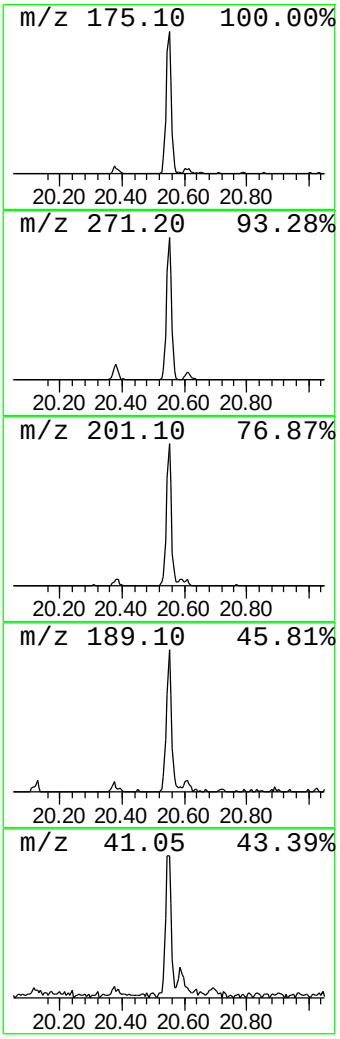
****

Peak Number 4 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.55	13.91 ng/ul	832776	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	94
2	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	328	C22H32O2	015340-82-6	58
3	Pyrrolidine, 1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	38
4	Silane, dimethyl(2-chlorophenoxy...	286	C14H23ClO2Si	1000347-07-3	25
5	1-(n-Butoxy)-1-(n-hexyloxy)-1-si...	258	C14H30O2Si	1000245-75-4	22





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

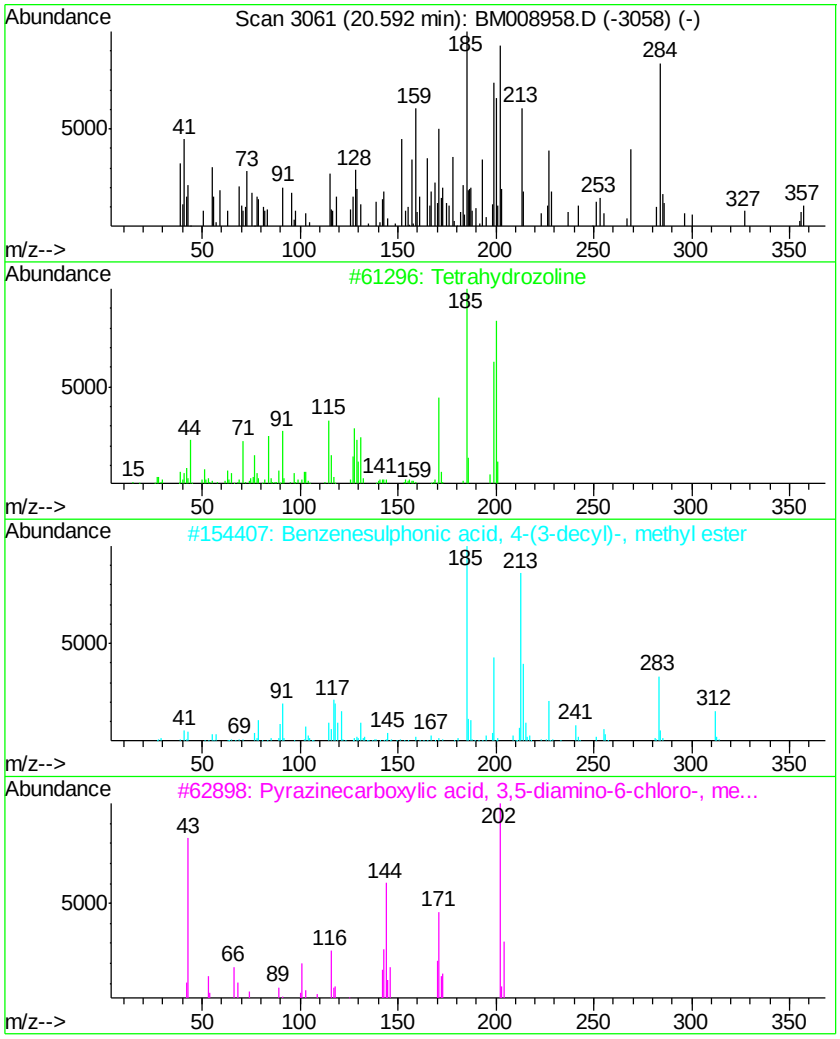
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

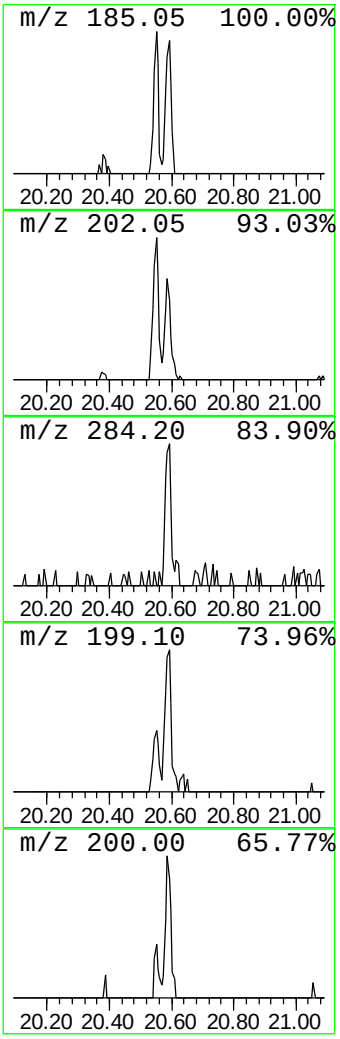
****

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.59	3.24 ng/ul	194267	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrozoline	200	C13H16N2	000084-22-0	18
2	Benzenesulphonic acid, 4-(3-decy...	312	C17H28O3S	1000376-67-9	14
3	Pyrazinecarboxylic acid, 3,5-dia...	202	C6H7ClN4O2	001458-01-1	11
4	2-Acetyl-6-methoxynaphthalene	200	C13H12O2	003900-45-6	11
5	6-Cyclooctylamino-5,8-quinolined...	284	C17H20N2O2	035961-95-6	11





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Instrument : BNA_M
ClientSampleId : H0FJ1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.M
Quant Title : SVOA CALIBRATION

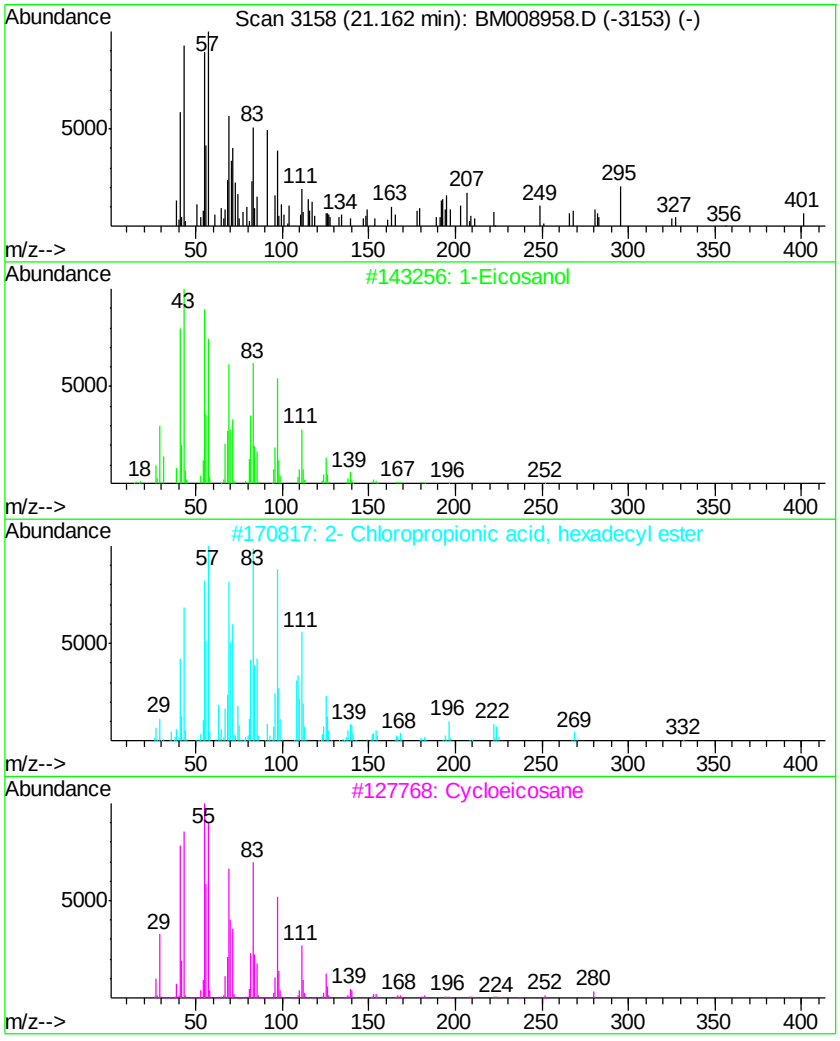
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

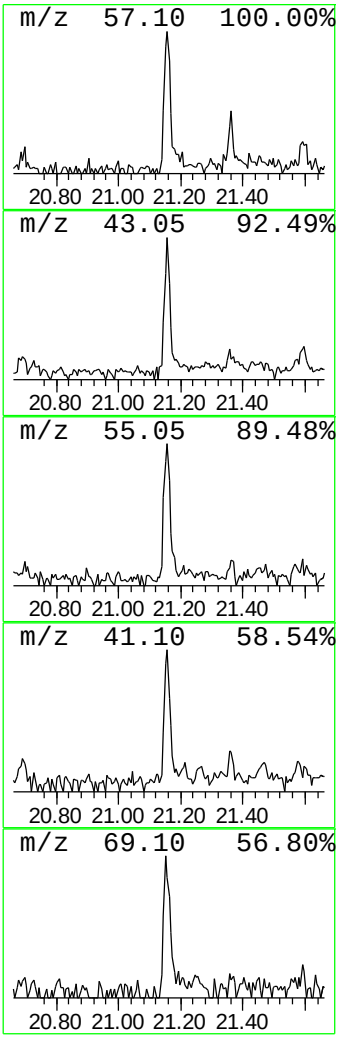
****

Peak Number 6 1-Eicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.16	3.04 ng/ul	181803	Chrysene-d12	21.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosanol	298	C20H42O	000629-96-9	72
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	58
3	Cycloeicosane	280	C20H40	000296-56-0	53
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	52
5	1-Docosanethiol	342	C22H46S	007773-83-3	50





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM013017.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
2-Butanone, 3-met...	2.96	2.9	ng/ul	73823	1	7.92	517219	20.0
n-Hexadecanoic acid	18.17	3.5	ng/ul	158509	4	17.30	918176	20.0
unknown-01	19.93	2.3	ng/ul	135754	5	21.47	1197530	20.0
2-Phenanthrenol, ...	20.55	13.9	ng/ul	832776	5	21.47	1197530	20.0
unknown-02	20.59	3.2	ng/ul	194267	5	21.47	1197530	20.0
1-Eicosanol	21.16	3.0	ng/ul	181803	5	21.47	1197530	20.0