LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018857.D
Acq On : 19 Feb 2019 15:22
Operator : JU/SJ
Sample : K1515-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-3

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_M\METHODS\8270-BM021119.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	4.857	296	301	315	rBV	234172	357045	2.22%	0.364%
2	5.298	369	376	392	rBV	6045261	8646821	53.79%	8.813%
3	6.881	637	645	664	rBV	5922431	9394949	58.45%	9.575%
4	7.239	698	706	722	rBV	6022760	9508207	59.15%	9.690%
5	7.704	778	785	792	rBV	1085771	1697061	10.56%	1.730%
6	8.022	831	839	850	rBV	4103779	6625570	41.22%	6.753%
7	8.869	974	983	1003	rBV	3277223	5548612	34.52%	5.655%
8	10.492	1251	1259	1274	rBV	1331947	2306466	14.35%	2.351%
9	11.963	1503	1509	1522	rBV	89825	169374	1.05%	0.173%
10	12.968	1673	1680	1695	rBV	7904749	11502565	71.56%	11.723%
11	13.815	1816	1824	1840	rBV	284540	482476	3.00%	0.492%
12	14.351	1909	1915	1927	rBV2	1926820	2926002	18.20%	2.982%
13	15.851	2160	2170	2189	rBV	6394050	9425941	58.64%	9.607%
14	17.103	2377	2383	2399	rBV	2456769	3548234	22.07%	3.616%
15	17.992	2529	2534	2546	rBV	413688	647885	4.03%	0.660%
16	19.274	2748	2752	2761	rBV	179024	258271	1.61%	0.263%
17	19.739	2825	2831	2844	rBV	14355950	16074305	100.00%	16.382%
18	20.997	3041	3045	3056	rBV	382413	592141	3.68%	0.603%
19	21.297	3091	3096	3106	rBV	2978373	3870215	24.08%	3.944%
20	21.433	3116	3119	3125	rBV	142714	163596	1.02%	0.167%
21	21.868	3190	3193	3196	rBV	181276	201711	1.25%	0.206%
22	22.327	3268	3271	3281	rVB	241417	325280	2.02%	0.332%
23	22.838	3354	3358	3363	rVB	256062	329955	2.05%	0.336%
24	23.403	3451	3454	3463	rVB2	209793	321507	2.00%	0.328%
25	23.550	3473	3479	3488	rVB	1691788	3195425	19.88%	3.257%

Sum of corrected areas: 98119614

LSC Report - Integrated Chromatogram

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Misc :
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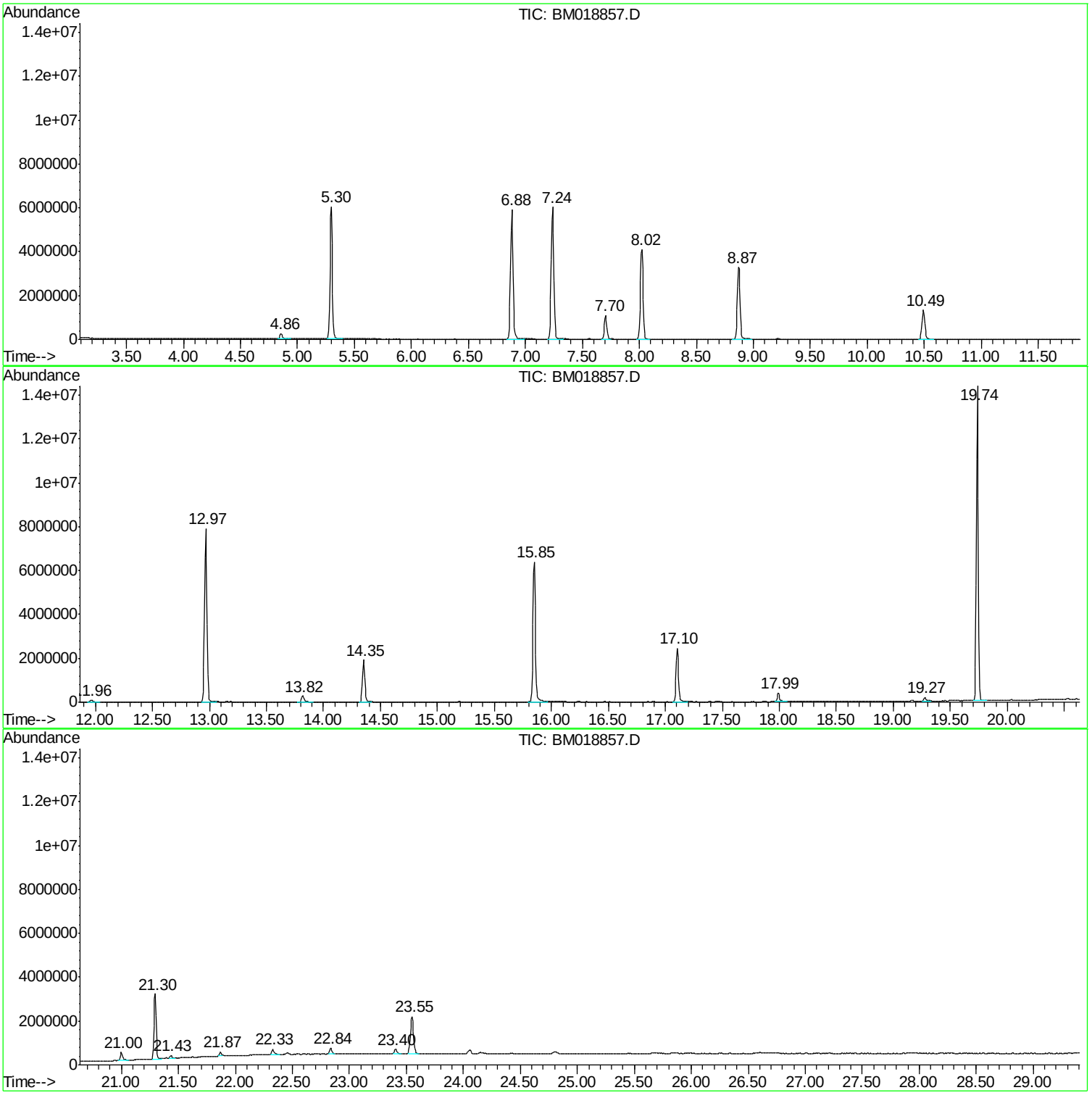
Instrument : BNA_M
ClientSampleId : TS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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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Data File : BM018857.D
Acq On : 19 Feb 2019 15:22
Operator : JU/SJ
Sample : K1515-03
Misc :
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Instrument : BNA_M
ClientSampleId : TS-3

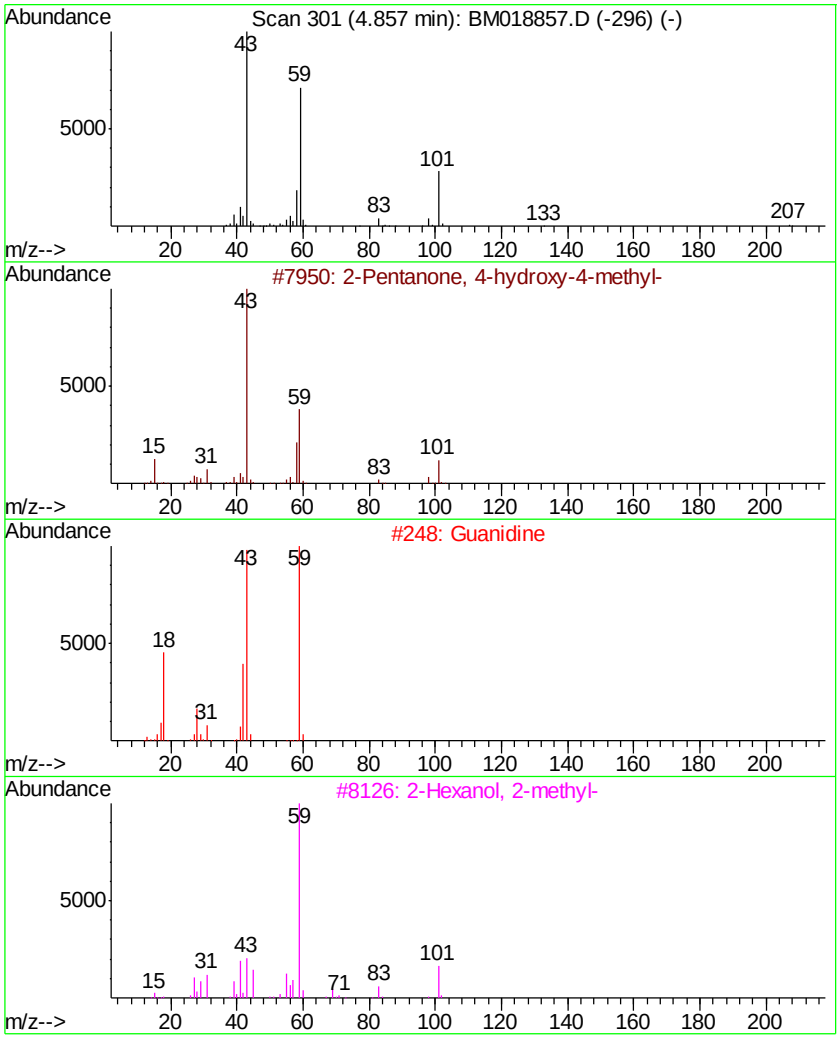
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

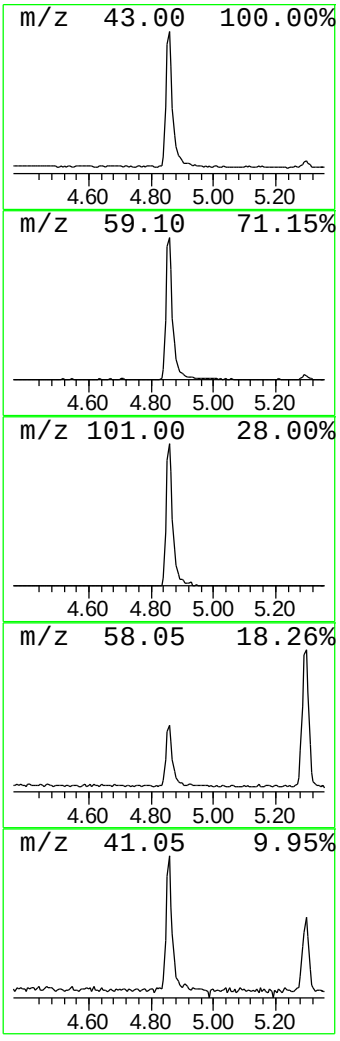
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	4.21 ng	357045	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	43
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28





Library Search Compound Report

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Sample : K1515-03
Misc :
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Instrument : BNA_M
ClientSampleId : TS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

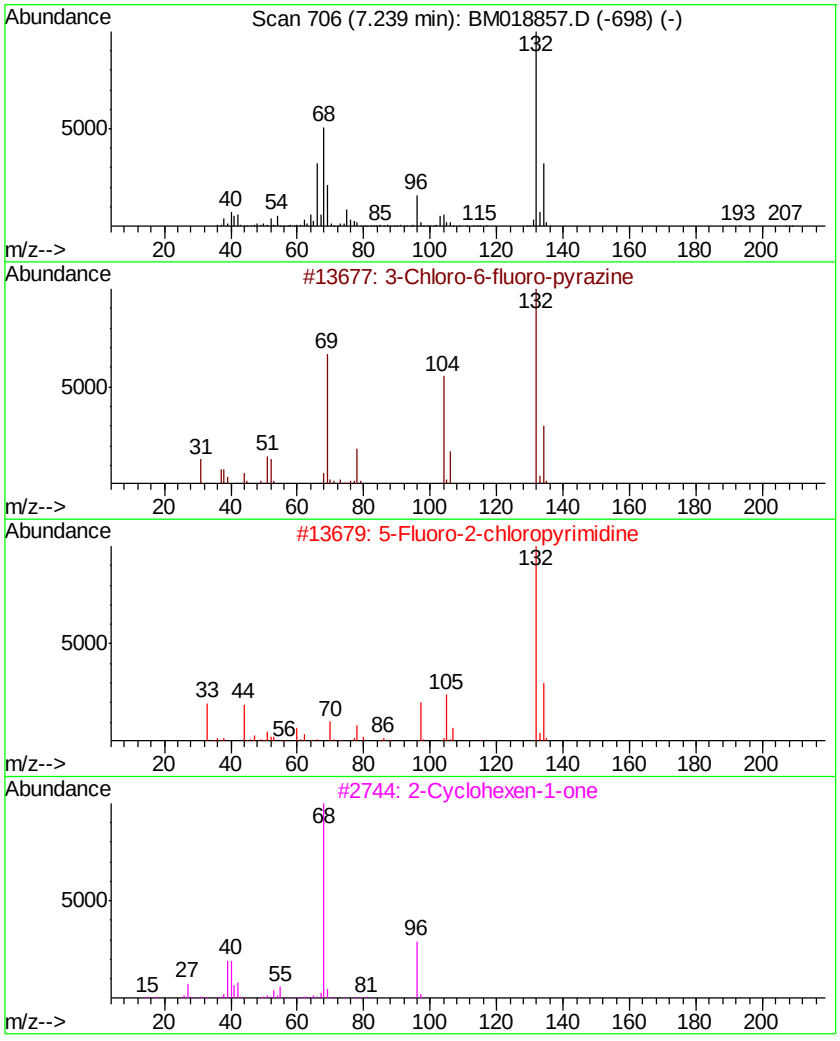
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

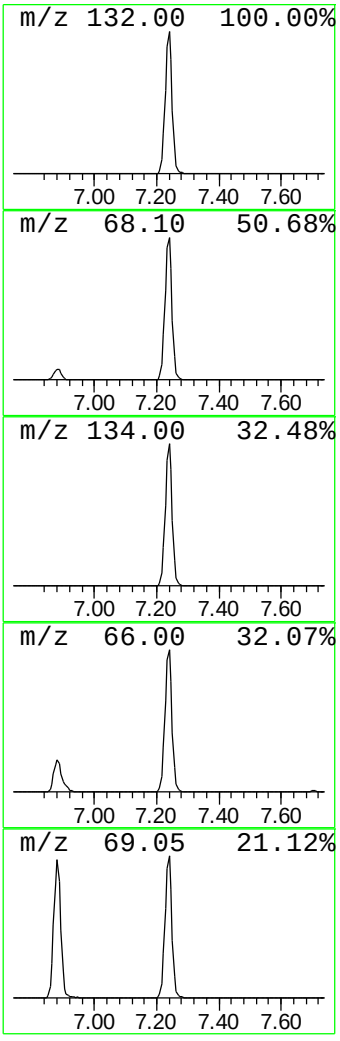
****

Peak Number 2 unknown7.24 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	112.06 ng	9508210	1,4-Dichlorobenzene-d4	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : JU/SJ
Sample : K1515-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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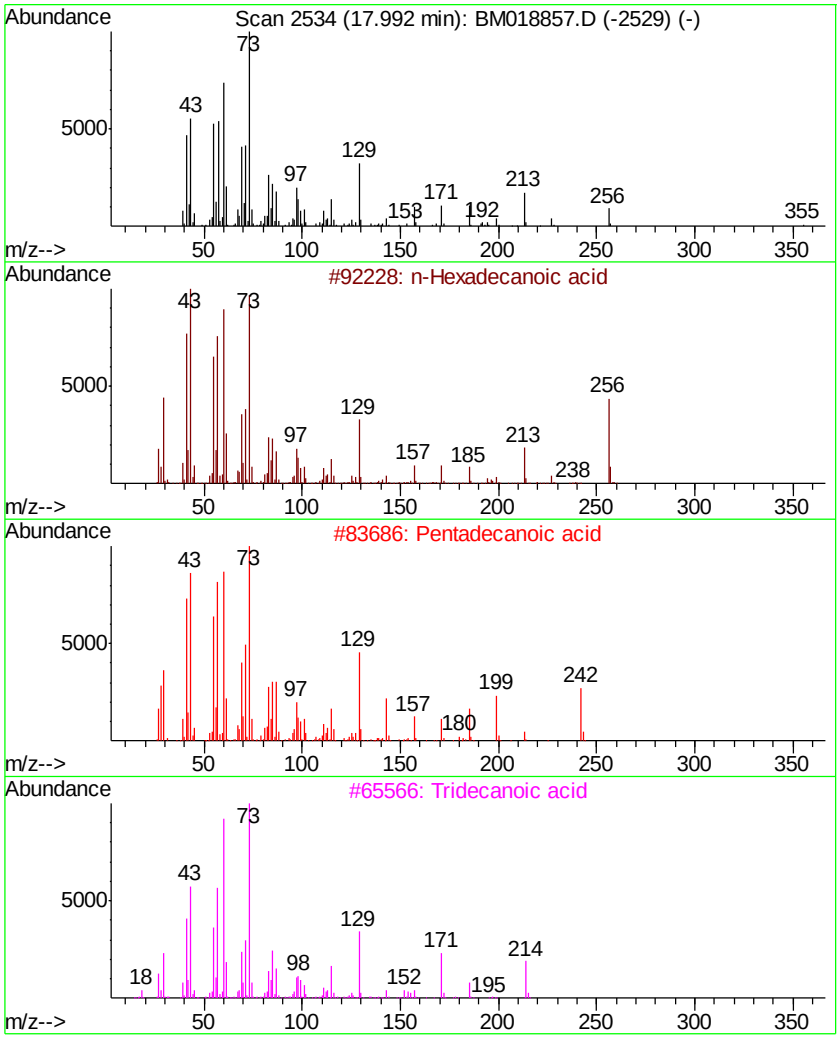
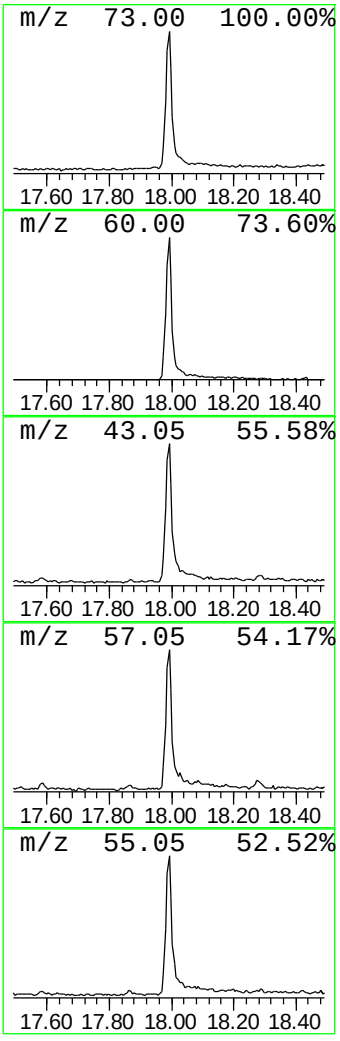
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	3.65 ng	647885	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	59
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Nonanoic acid	158	C9H18O2	000112-05-0	43





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-3

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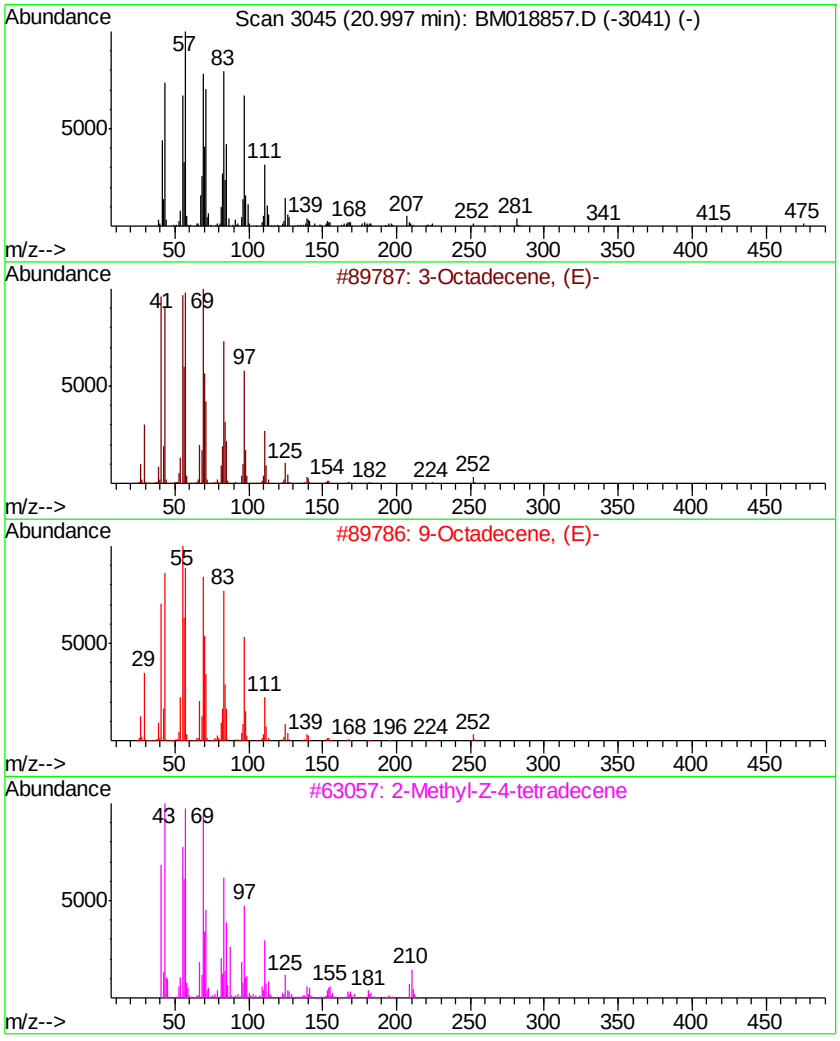
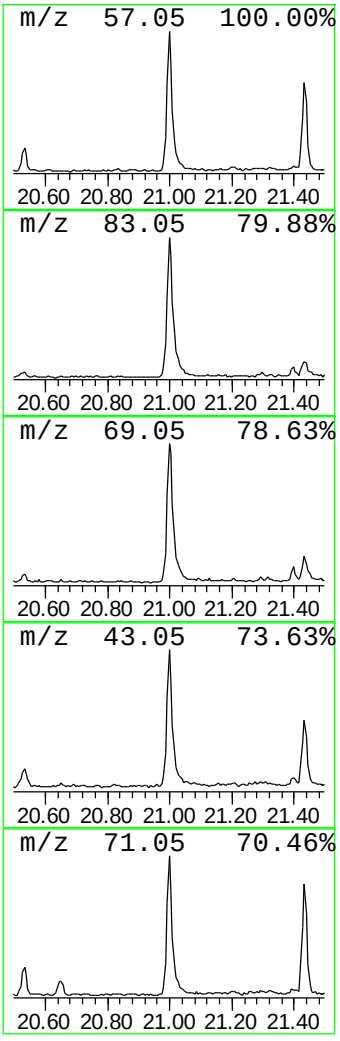
****

Peak Number 5 3-Octadecene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.06 ng	592141	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	96
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : TS-3

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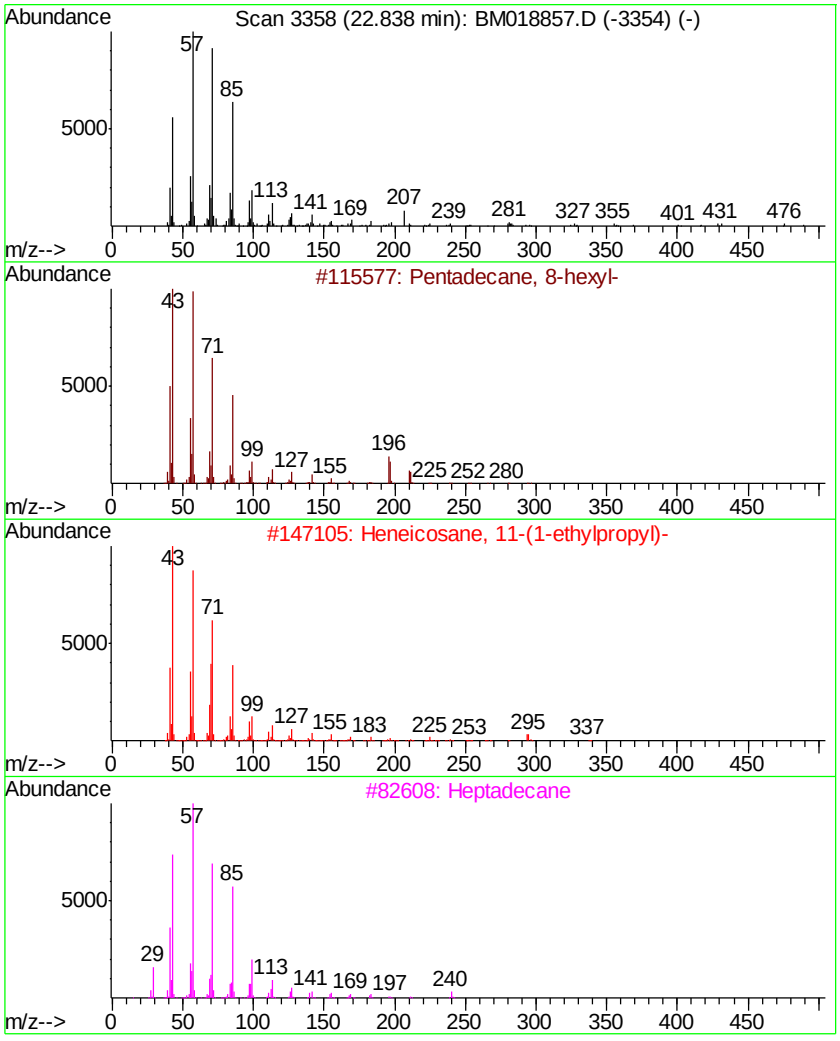
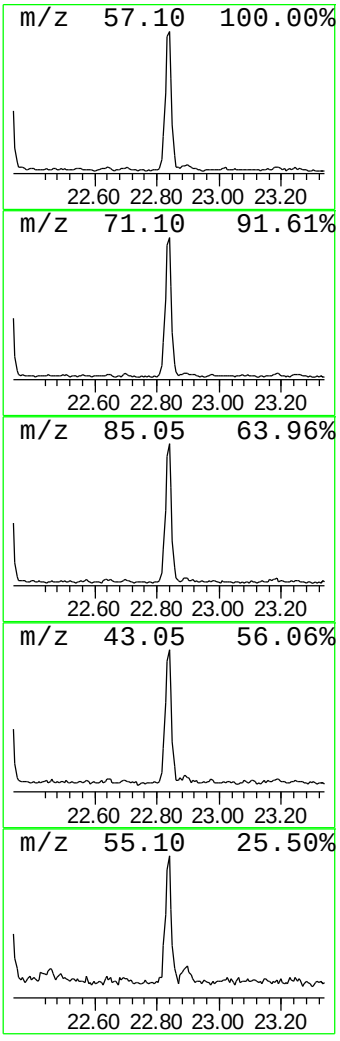
****

Peak Number 6 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.84	2.07 ng	329955	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Pentacosane	352	C25H52	000629-99-2	90





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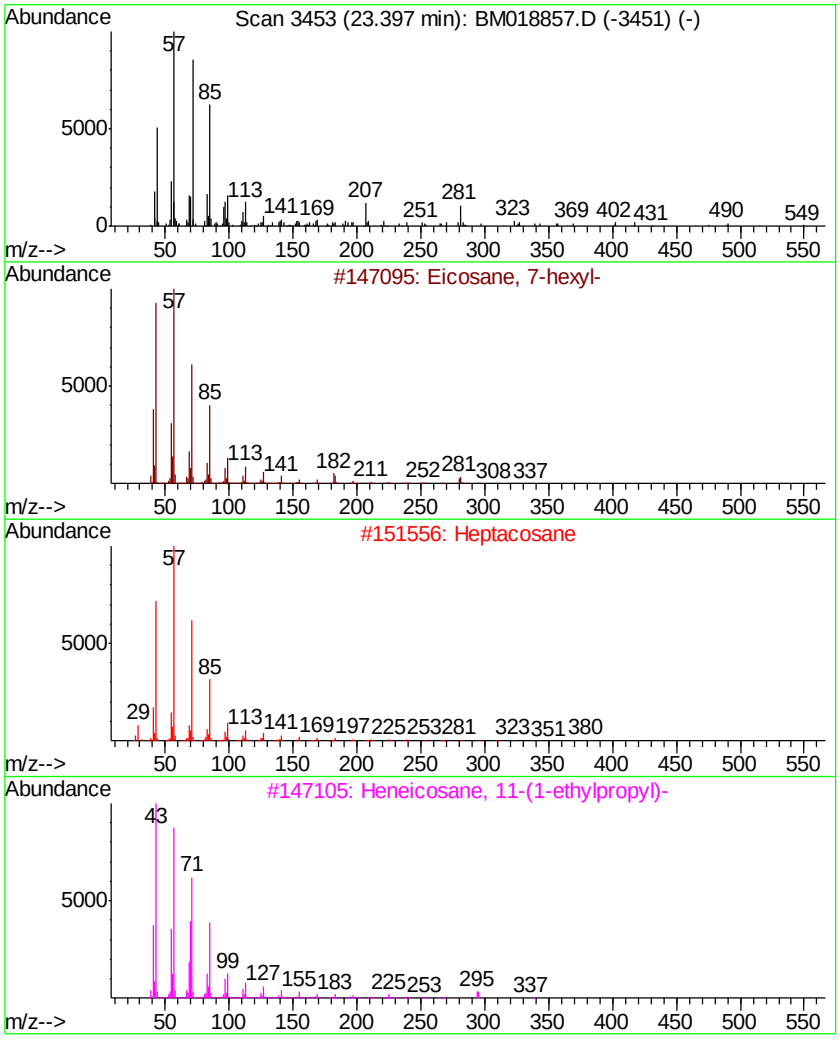
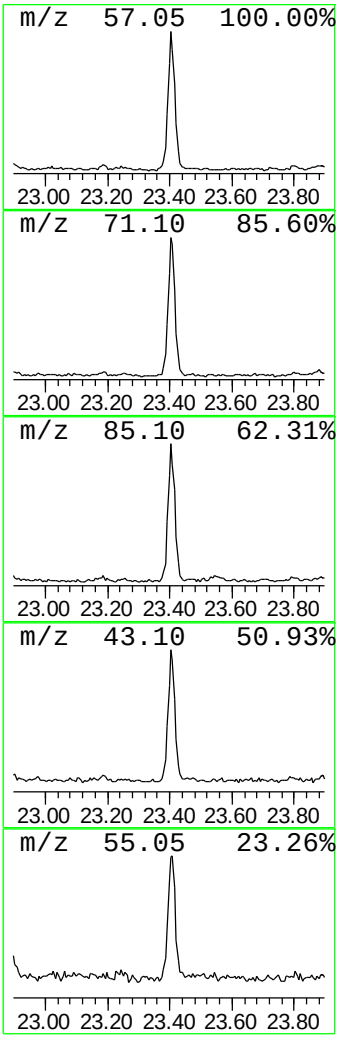
****

Peak Number 7 Eicosane, 7-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	2.01 ng	321507	Perylene-d12	23.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80





Tentatively Identified Compound (LSC) summary

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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...	4.86	4.2	ng	357045	1	7.70	1697060	20.0
unknown7.24	7.24	112.1	ng	9508210	1	7.70	1697060	20.0
n-Hexadecanoic acid	17.99	3.6	ng	647885	4	17.10	3548230	20.0
3-Octadecene, (E)-	21.00	3.1	ng	592141	5	21.30	3870220	20.0
Pentadecane, 8-he...	22.84	2.1	ng	329955	6	23.55	3195430	20.0
Eicosane, 7-hexyl-	23.40	2.0	ng	321507	6	23.55	3195430	20.0