LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018521.D
Acq On : 10 Jan 2019 22:41
Operator : JU/SJ
Sample : K1099-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-16

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-BM010919.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	4.899	303	308	319	rVB	450410	671752	1.87%	0.319%
2	5.351	378	385	401	rBV	10285640	14775354	41.20%	7.018%
3	6.940	647	655	668	rBV	10637356	16946334	47.26%	8.049%
4	7.298	708	716	723	rBV	11120463	17366544	48.43%	8.249%
5	7.363	723	727	742	rVB	317523	621803	1.73%	0.295%
6	7.757	788	794	801	rBV	2008970	3110278	8.67%	1.477%
7	8.075	841	848	858	rVB	7627800	12370193	34.50%	5.876%
8	8.928	984	993	1007	rBV	6402682	10502907	29.29%	4.989%
9	10.551	1261	1269	1277	rBV	2644166	4382280	12.22%	2.081%
10	13.022	1681	1689	1704	rBV	16284630	24109673	67.23%	11.452%
11	13.863	1826	1832	1841	rBV	3481487	4772194	13.31%	2.267%
12	14.410	1918	1925	1933	rBV2	4104757	6313357	17.61%	2.999%
13	15.904	2170	2179	2191	rBV	15749461	22382582	62.42%	10.631%
14	17.157	2385	2392	2398	rBV2	5609187	7864432	21.93%	3.735%
15	18.045	2538	2543	2555	rBV	1251251	1969615	5.49%	0.936%
16	19.327	2757	2761	2774	rBV	478170	704057	1.96%	0.334%
17	19.792	2834	2840	2845	rBV	28886464	35859529	100.00%	17.033%
18	21.050	3049	3054	3065	rBV	2949158	3599394	10.04%	1.710%
19	21.350	3099	3105	3110	rBV	7985358	9857822	27.49%	4.682%
20	21.486	3125	3128	3133	rBV	365492	401045	1.12%	0.190%
21	21.927	3200	3203	3205	rBV2	344142	450575	1.26%	0.214%
22	22.397	3280	3283	3289	rVB	356154	444737	1.24%	0.211%
23	22.915	3367	3371	3375	rBV	362724	538178	1.50%	0.256%
24	23.639	3486	3494	3508	rVB	4750670	9427126	26.29%	4.478%
25	24.250	3593	3598	3606	rVB	567612	1093243	3.05%	0.519%

Sum of corrected areas: 210535004

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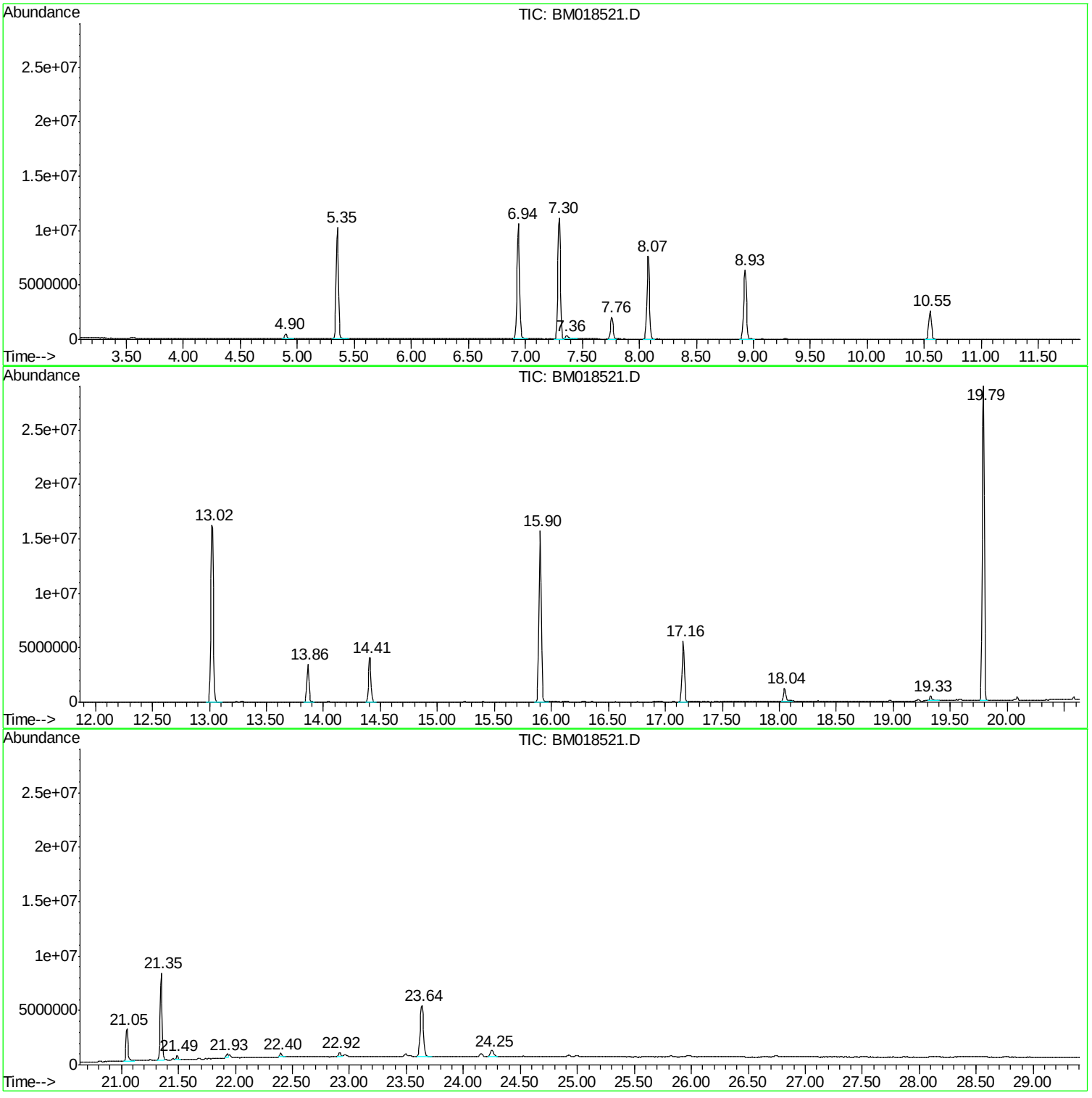
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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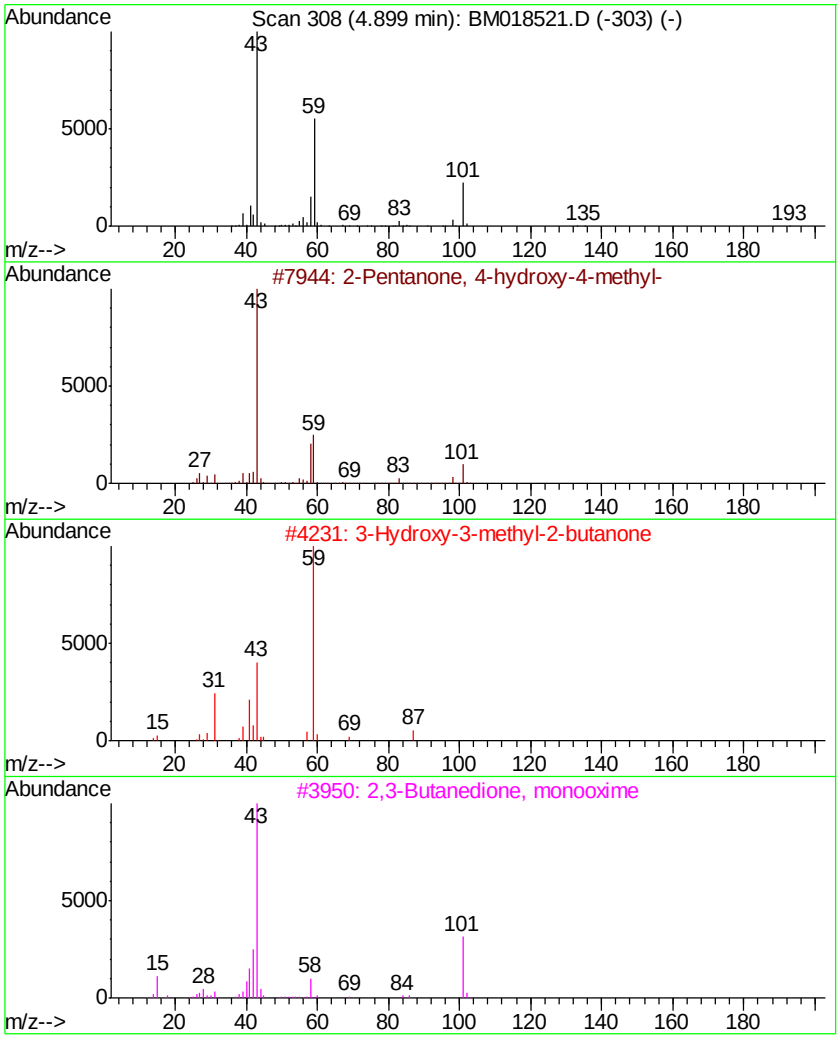
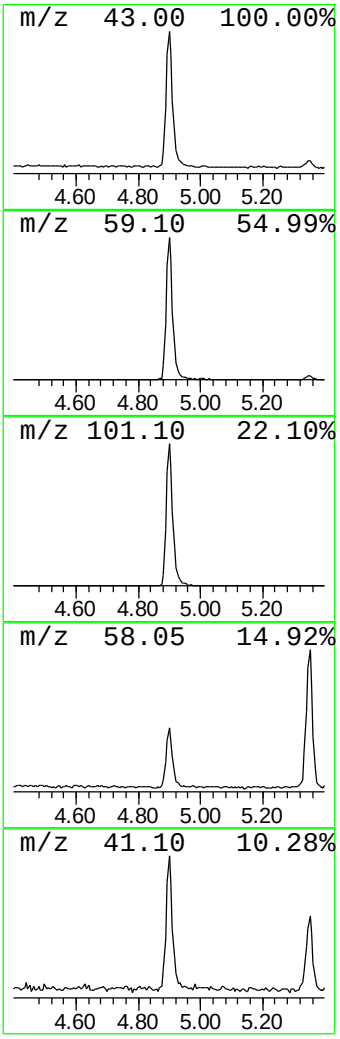
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	4.32 ng	671752	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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TIC Library : C:\DATABASE\NIST02.L
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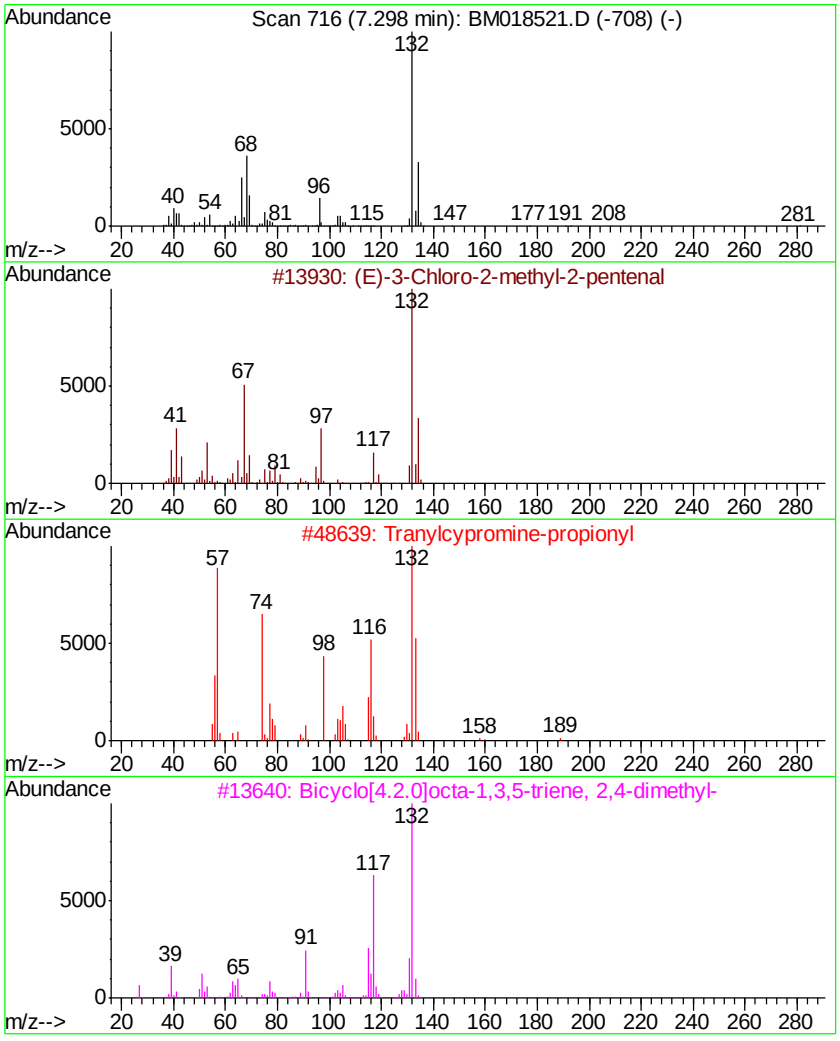
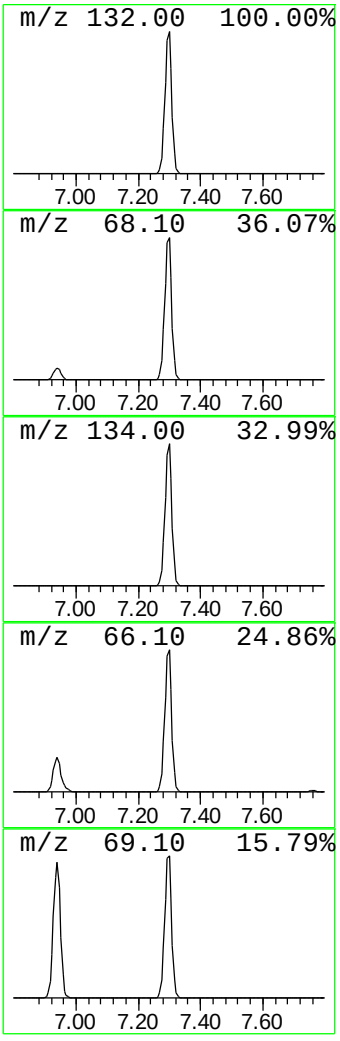
Peak Number 2 unknown7.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.30	111.67 ng	17366500	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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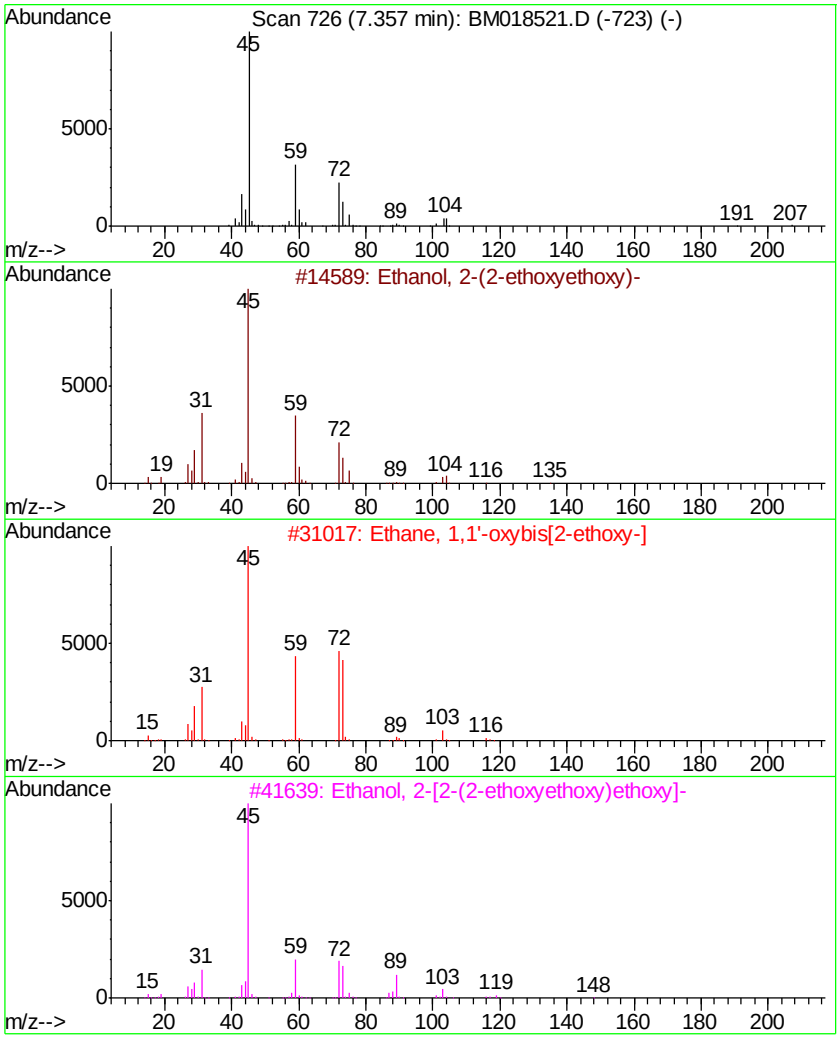
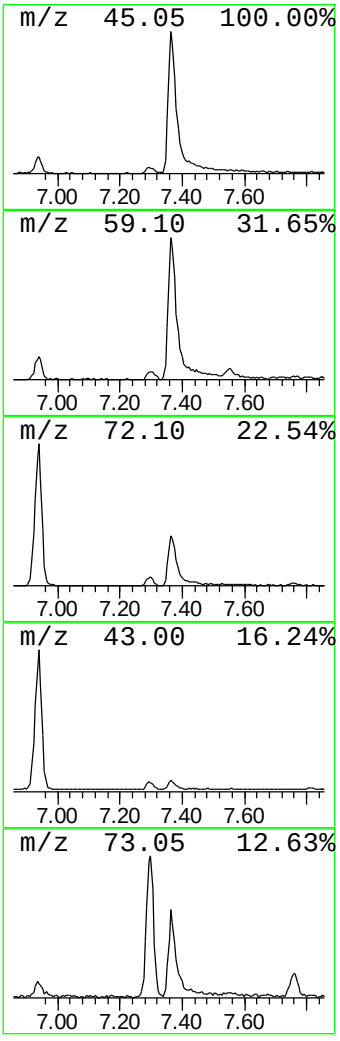
Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	4.00 ng	621803	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	72
3	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	56
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	47
5	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45





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ClientSampleId : TP-16

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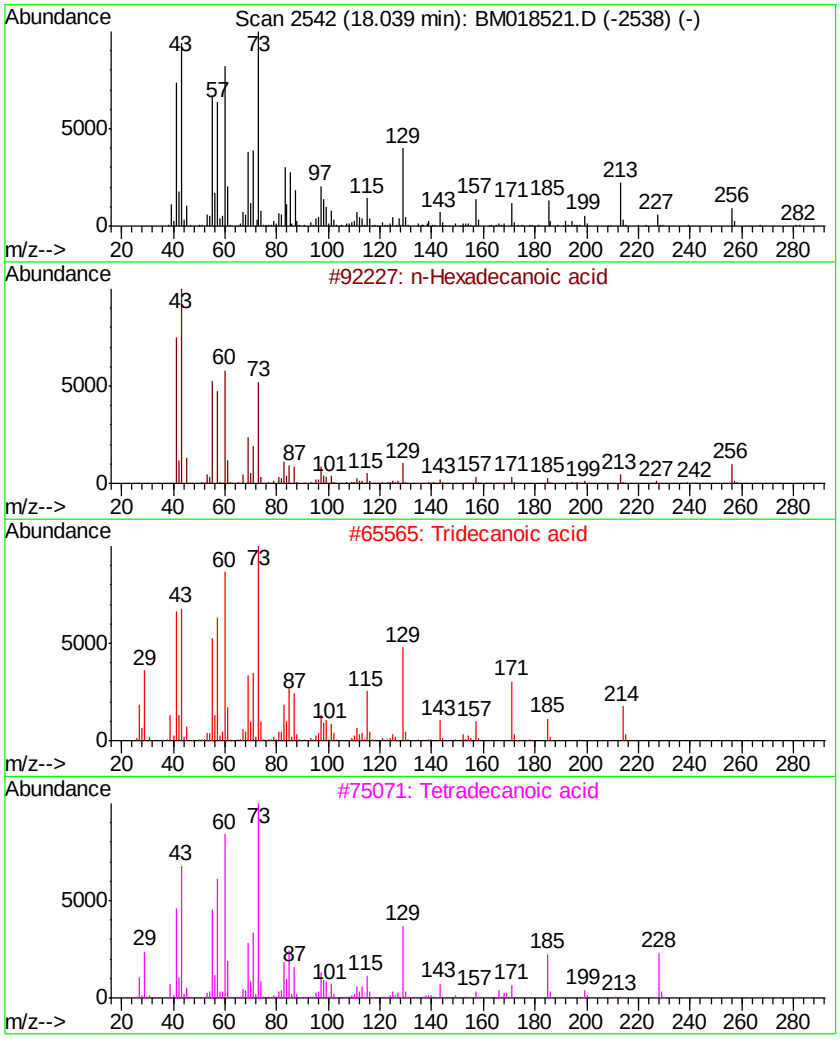
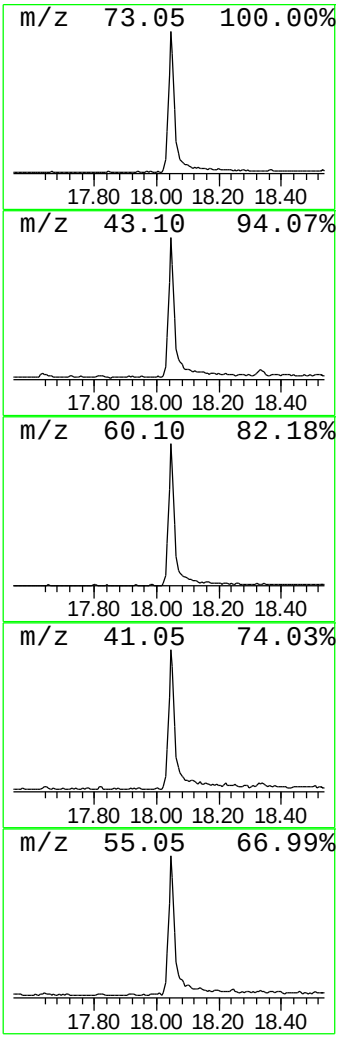
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.01 ng	1969620	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





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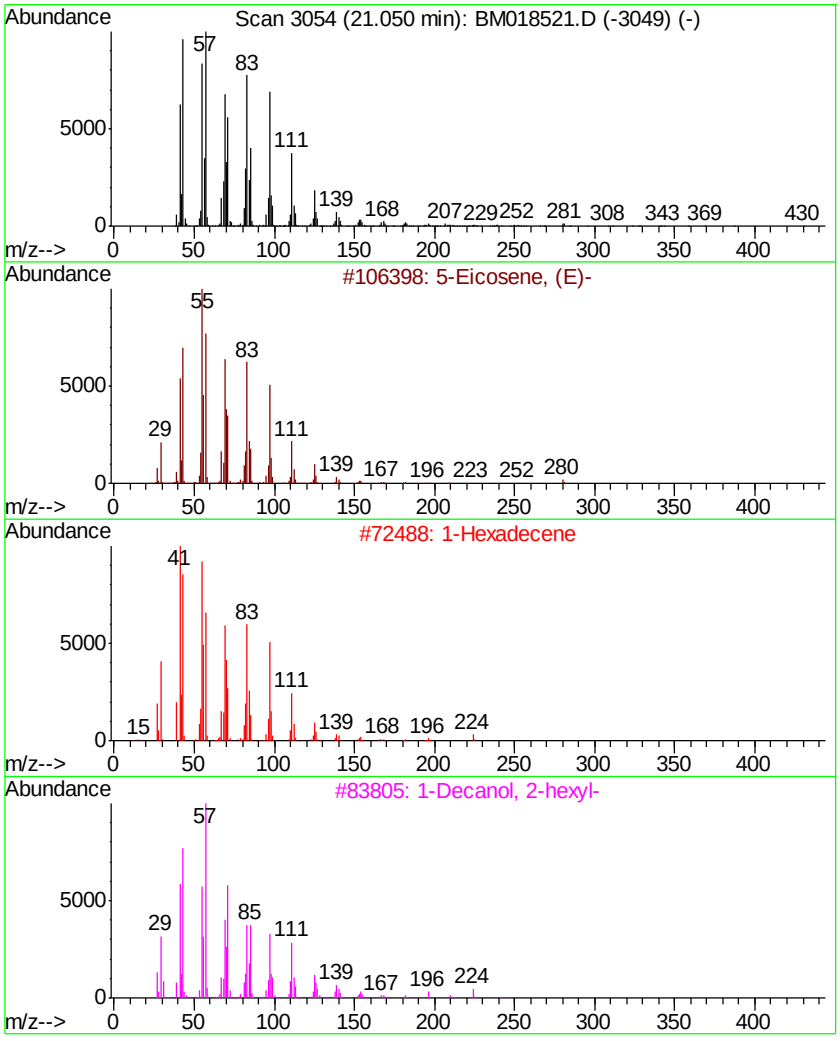
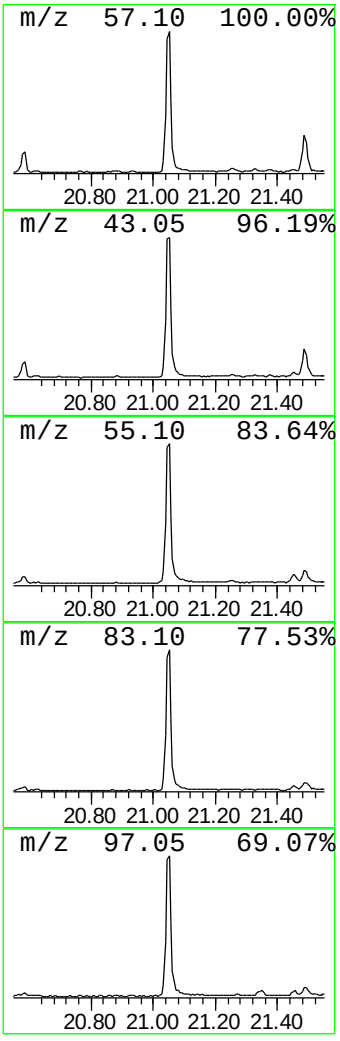
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	7.30 ng	3599390	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	1-Hexadecene	224	C16H32	000629-73-2	94
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	92
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





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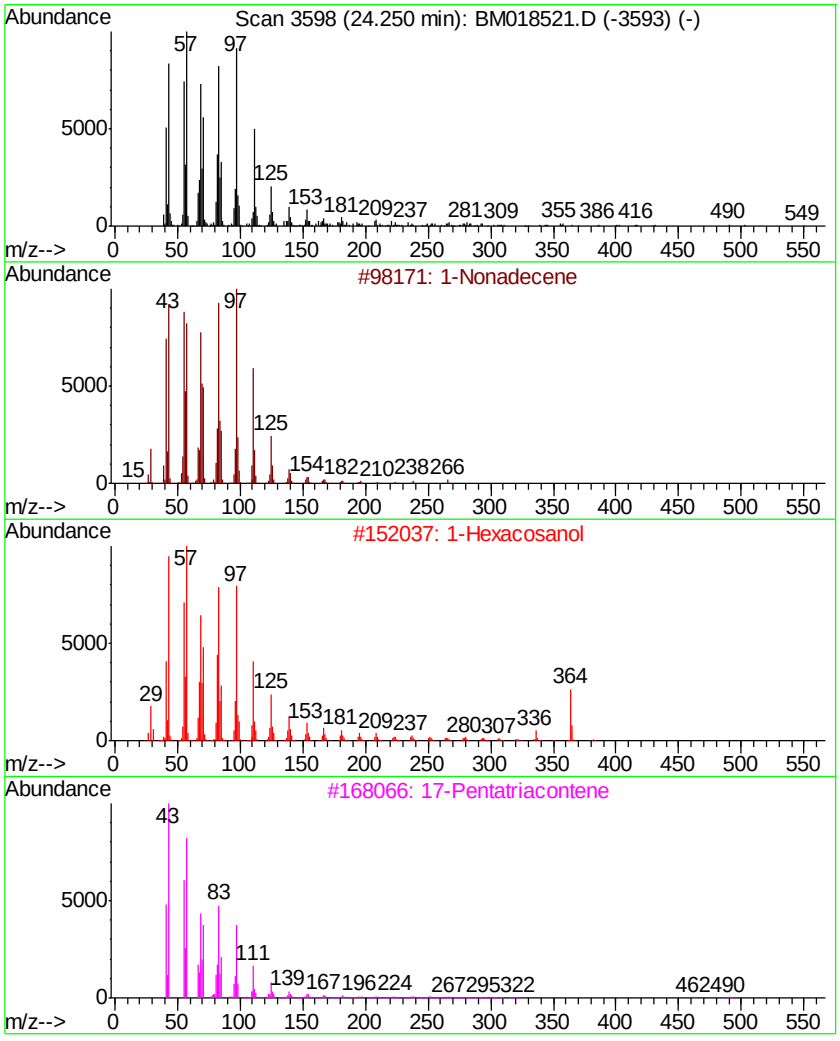
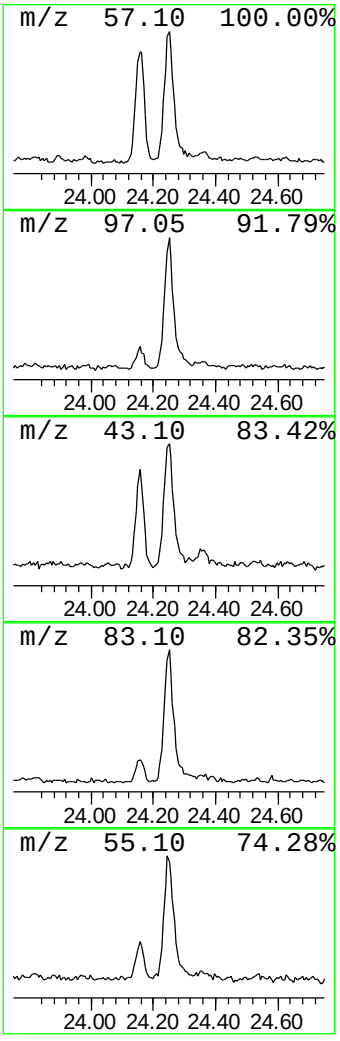
****

Peak Number 7 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.25	2.32 ng	1093240	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	1-Hexacosanol	382	C26H54O	000506-52-5	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	86
4	1-Docosene	308	C22H44	001599-67-3	83
5	1-Tetracosanol	354	C24H50O	000506-51-4	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	4.3	ng	671752	1	7.76	3110280	20.0
unknown7.30	7.30	111.7	ng	17366500	1	7.76	3110280	20.0
Ethanol, 2-(2-eth...	7.36	4.0	ng	621803	1	7.76	3110280	20.0
n-Hexadecanoic acid	18.04	5.0	ng	1969620	4	17.16	7864430	20.0
5-Eicosene, (E)-	21.05	7.3	ng	3599390	5	21.35	9857820	20.0
1-Nonadecene	24.25	2.3	ng	1093240	6	23.64	9427130	20.0