LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018370.D
Acq On : 21 Dec 2018 23:05
Operator : JU/SJ
Sample : J6499-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11989

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-BM121518.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	4.675	299	304	315	rVB	96367	143139	3.29%	0.373%
2	5.128	374	381	390	rBV	2392116	3361707	77.23%	8.769%
3	6.704	641	649	662	rBV	2342386	3906788	89.75%	10.191%
4	6.804	662	666	672	rVB4	25065	45810	1.05%	0.119%
5	7.028	697	704	720	rBV	2456325	3830876	88.01%	9.993%
6	7.481	775	781	788	rBV	521135	801316	18.41%	2.090%
7	7.792	826	834	845	rVB	1685547	2687082	61.73%	7.009%
8	8.645	971	979	994	rBV	1311029	2236076	51.37%	5.833%
9	10.251	1244	1252	1267	rBV	621548	1075922	24.72%	2.807%
10	12.751	1670	1677	1687	rBV	3048205	4352900	100.00%	11.355%
11	13.616	1818	1824	1832	rBV	274501	427105	9.81%	1.114%
12	14.045	1891	1897	1903	rBV4	23511	43905	1.01%	0.115%
13	14.145	1908	1914	1922	rVV2	893010	1327707	30.50%	3.463%
14	15.662	2165	2172	2180	rBV	2155883	3154014	72.46%	8.227%
15	15.880	2204	2209	2216	rBV4	28624	64368	1.48%	0.168%
16	16.909	2379	2384	2389	rBV	954939	1396881	32.09%	3.644%
17	16.956	2389	2392	2397	rVB	132006	185945	4.27%	0.485%
18	17.051	2404	2408	2412	rBV	45132	58579	1.35%	0.153%
19	17.827	2535	2540	2549	rVB3	147978	231283	5.31%	0.603%
20	17.986	2563	2567	2572	rBV4	40141	66338	1.52%	0.173%
21	18.986	2732	2737	2744	rBV	452264	674361	15.49%	1.759%
22	19.356	2792	2800	2803	rBV	386586	627682	14.42%	1.637%
23	19.568	2831	2836	2841	rBV	3419421	4176689	95.95%	10.895%
24	20.386	2972	2975	2979	rVB	117831	123796	2.84%	0.323%
25	20.850	3051	3054	3064	rBV3	331585	433652	9.96%	1.131%
26	21.139	3097	3103	3107	rBV3	1080906	1690395	38.83%	4.409%
27	23.303	3466	3471	3477	rBV	713956	1211375	27.83%	3.160%

Sum of corrected areas: 38335691

LSC Report - Integrated Chromatogram

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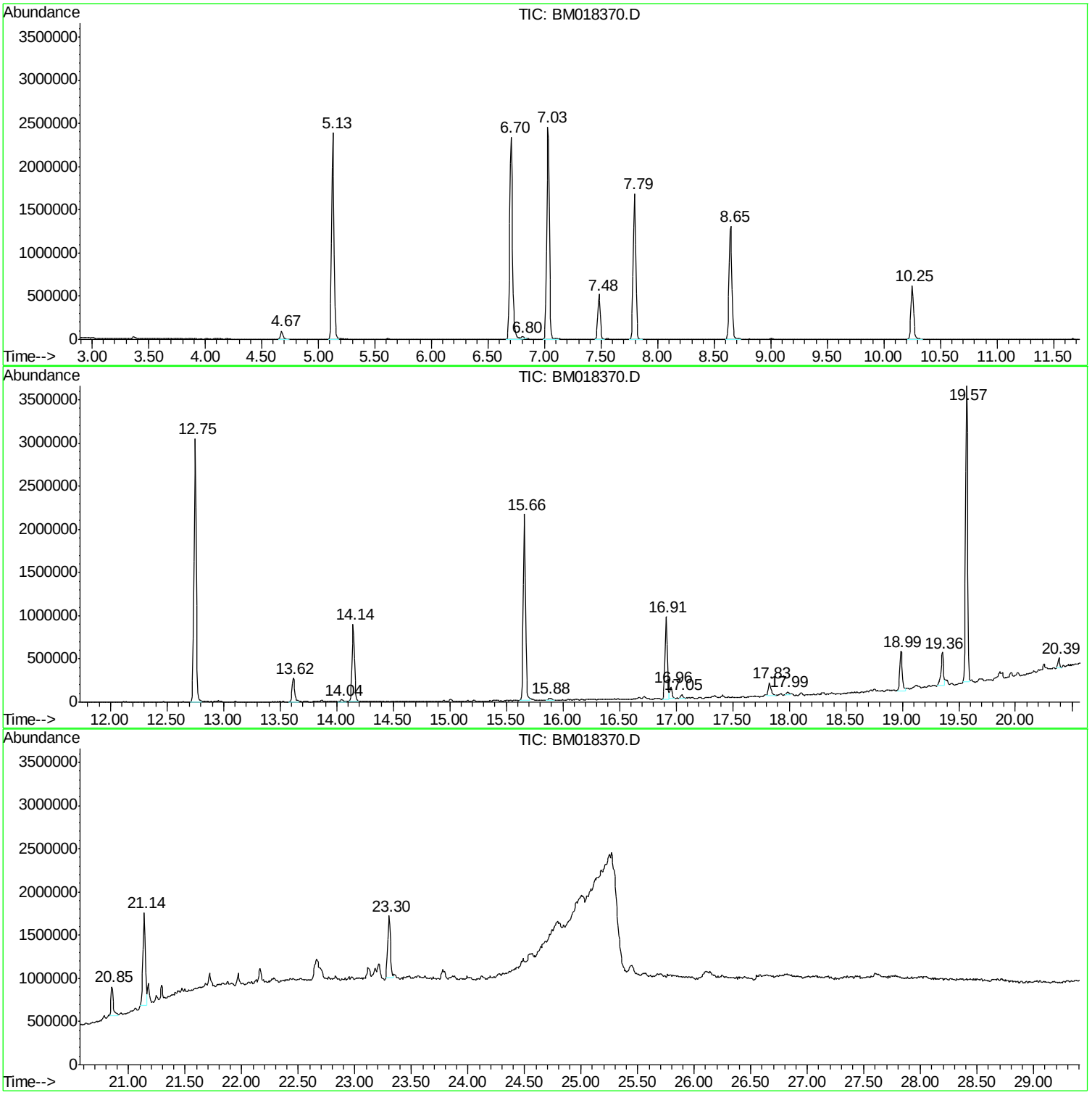
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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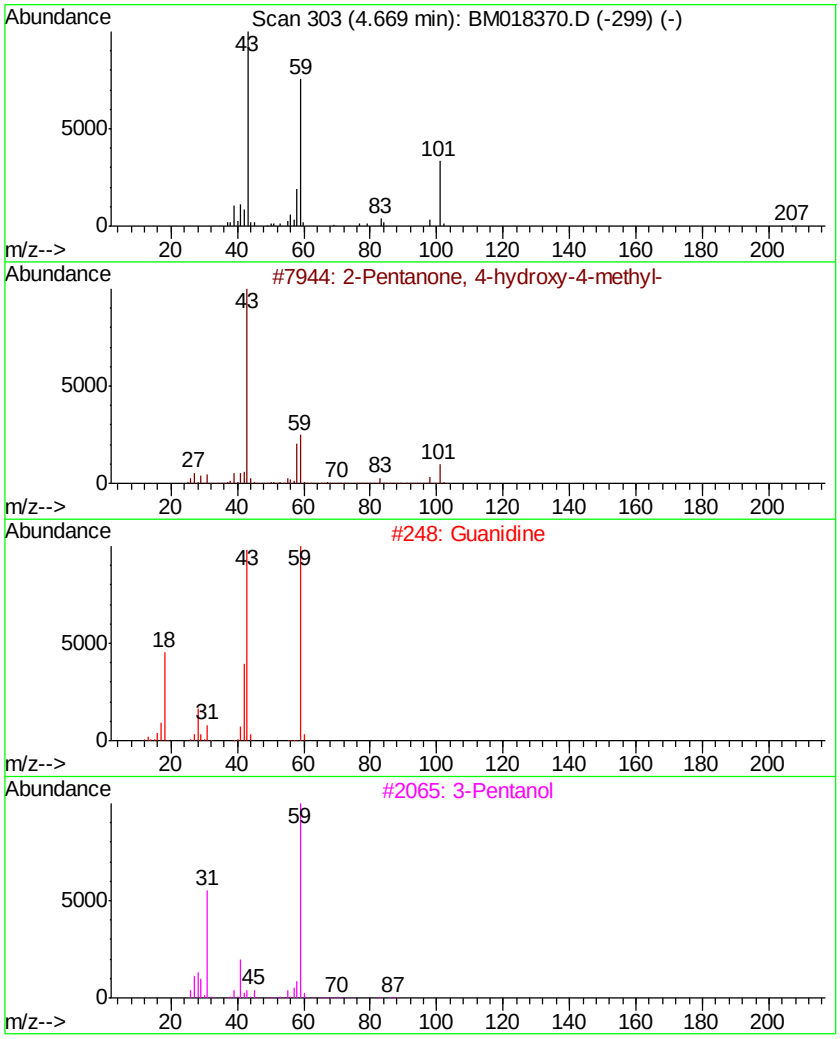
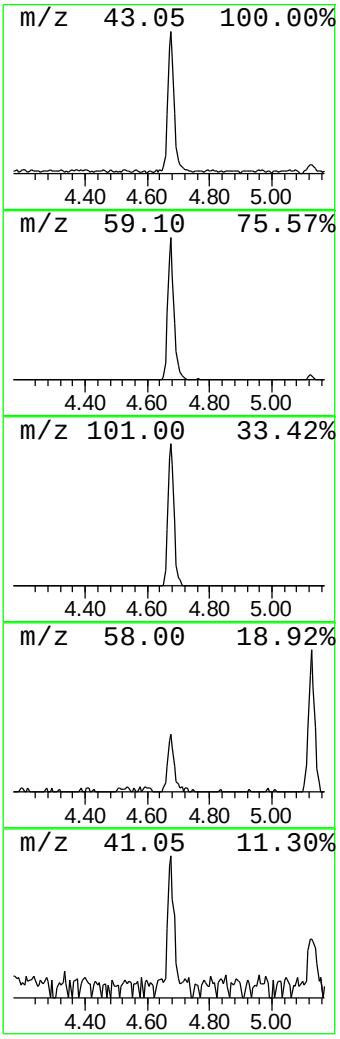
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	3.57 ng	143139	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Guanidine	59	CH5N3	000113-00-8	50
3	3-Pentanol	88	C5H12O	000584-02-1	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	28
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	28





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Instrument : BNA_M
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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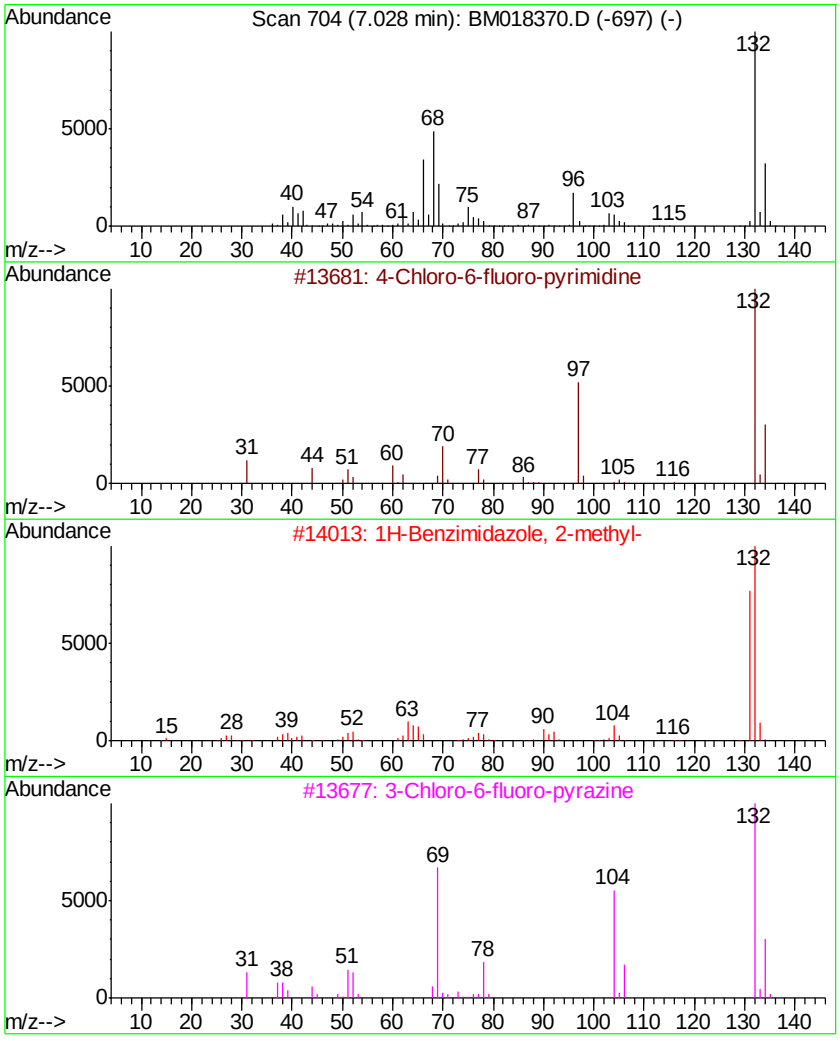
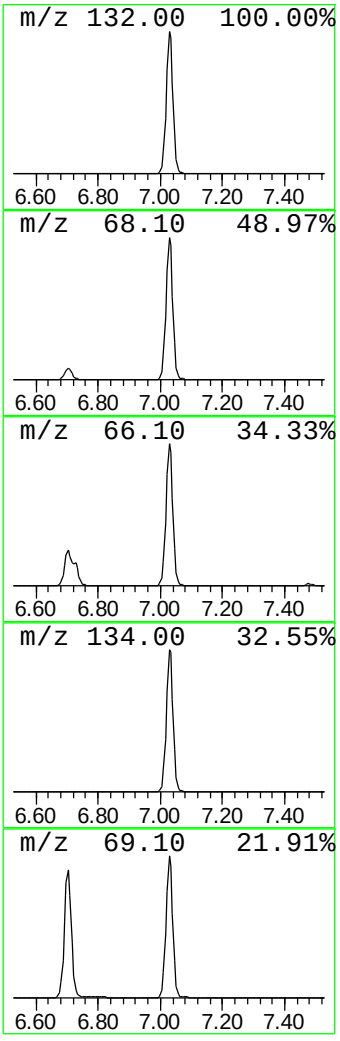
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	95.61 ng	3830880	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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Operator : JU/SJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 72-11989

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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TIC Library : C:\DATABASE\NIST02.L
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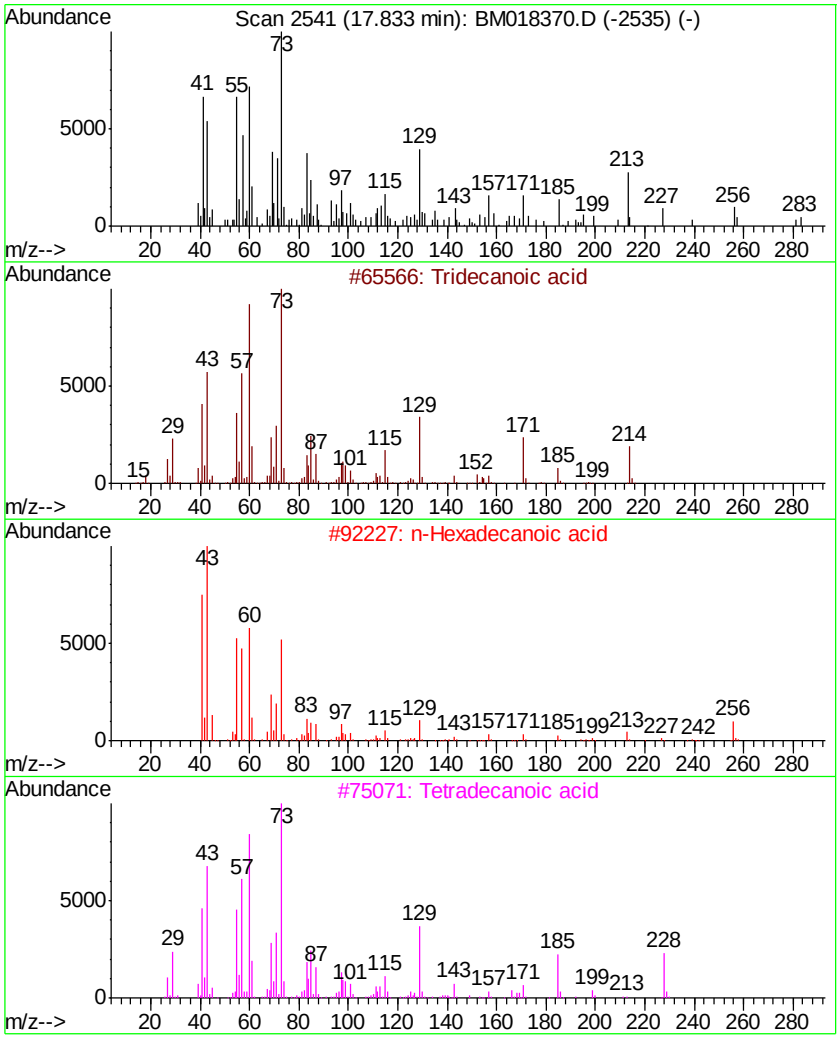
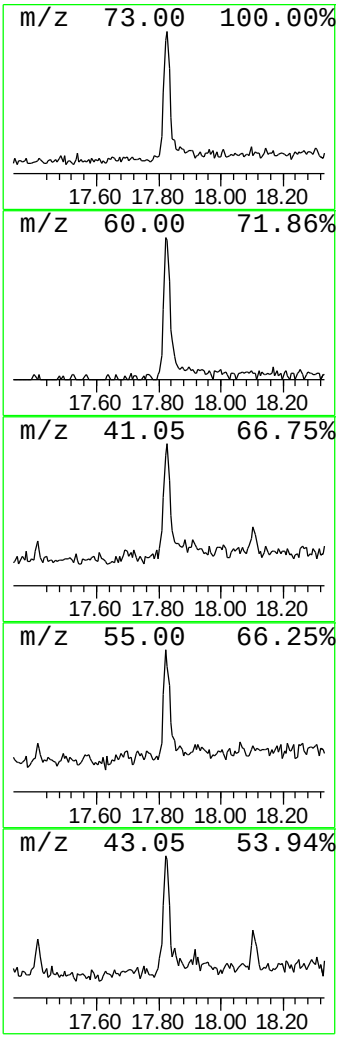
Peak Number 4 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.31 ng	231283	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
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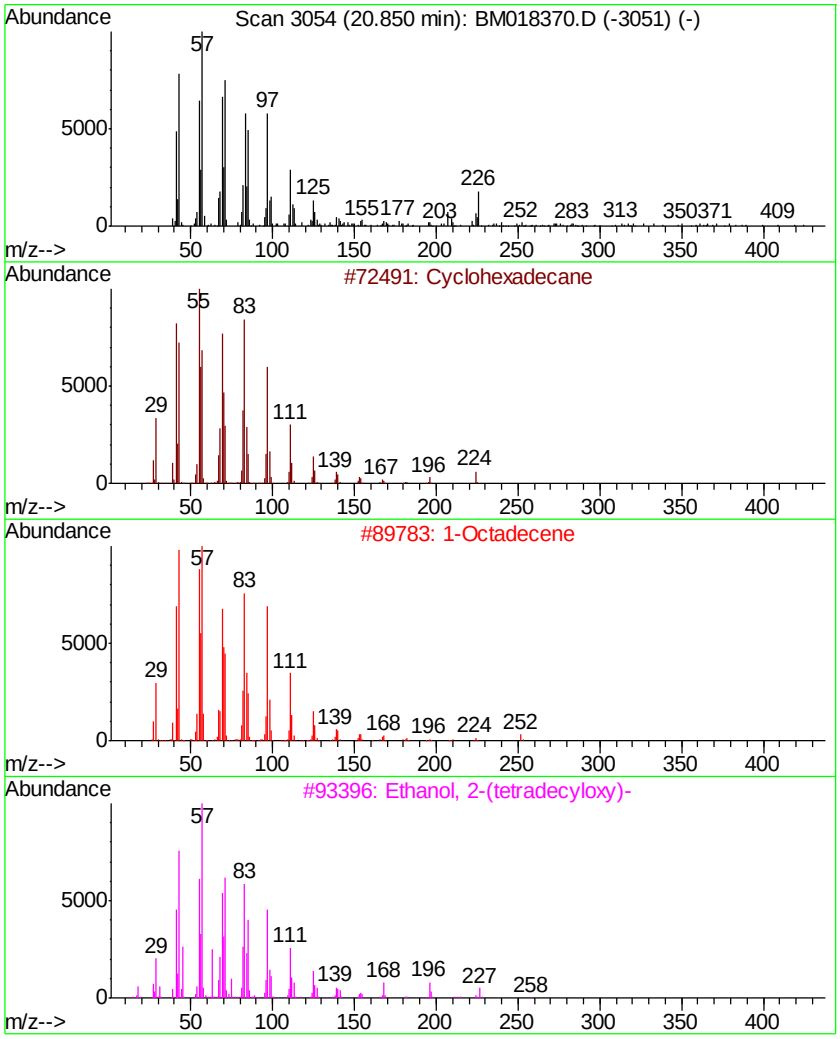
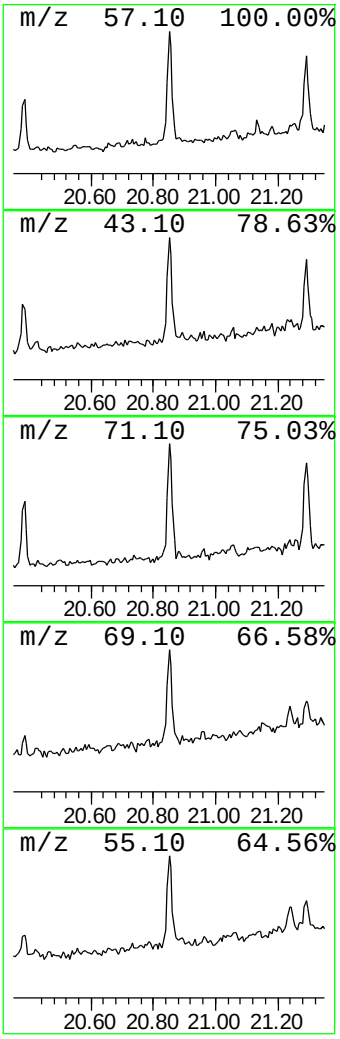
Peak Number 5 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	5.13 ng	433652	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	1-Octadecene	252	C18H36	000112-88-9	94
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	70
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	70





Tentatively Identified Compound (LSC) summary

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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...	4.67	3.6	ng	143139	1	7.48	801316	20.0
unknown7.03	7.03	95.6	ng	3830880	1	7.48	801316	20.0
Tridecanoic acid	17.83	3.3	ng	231283	4	16.91	1396880	20.0
Cyclohexadecane	20.85	5.1	ng	433652	5	21.14	1690400	20.0