LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050117\
Data File : BM009857.D
Acq On : 02 May 2017 07:16
Operator : SJ/MA
Sample : I2849-03DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHSQ4DL

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\SOM-EPA-BM042517.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	7.010	661	667	676	rBV2	178652	328768	8.38%	1.171%
2	7.157	686	692	701	rVB	121764	203472	5.18%	0.725%
3	7.363	721	727	733	rBV	178613	282070	7.19%	1.005%
4	7.822	799	805	812	rBV	610271	981414	25.00%	3.496%
5	8.545	921	928	934	rBV	217090	365371	9.31%	1.301%
6	8.992	997	1004	1012	rBV	178462	332590	8.47%	1.185%
7	9.710	1120	1126	1132	rBV3	144571	253580	6.46%	0.903%
8	10.263	1213	1220	1231	rBV	202867	376979	9.60%	1.343%
9	10.622	1274	1281	1288	rBV	877683	1490506	37.98%	5.309%
10	10.775	1298	1307	1314	rBV2	152825	292629	7.46%	1.042%
11	12.804	1646	1652	1658	rBV2	93391	150578	3.84%	0.536%
12	13.057	1690	1695	1700	rBV	141120	207058	5.28%	0.738%
13	13.345	1739	1744	1751	rVB	54253	85606	2.18%	0.305%
14	13.880	1828	1835	1840	rBV	398490	557123	14.19%	1.984%
15	14.169	1879	1884	1890	rBV	432693	655095	16.69%	2.333%
16	14.474	1929	1936	1945	rBV2	1308647	2058721	52.45%	7.333%
17	14.727	1974	1979	1987	rBV2	120398	227080	5.79%	0.809%
18	15.468	2100	2105	2113	rBV	661112	984647	25.09%	3.507%
19	16.174	2219	2225	2232	rBV5	78751	150095	3.82%	0.535%
20	17.233	2399	2405	2411	rBV	1810006	2602044	66.29%	9.268%
21	17.327	2416	2421	2426	rBV2	648879	993757	25.32%	3.540%
22	18.162	2559	2563	2570	rBV2	342803	709356	18.07%	2.527%
23	18.498	2616	2620	2626	rVB2	811222	1030011	26.24%	3.669%
24	18.686	2648	2652	2658	rBV	861559	1102506	28.09%	3.927%
25	18.833	2673	2677	2682	rVB	1987804	2403039	61.22%	8.560%
26	19.333	2759	2762	2767	rVB	543497	674995	17.20%	2.404%
27	19.627	2809	2812	2816	rVB	796407	912864	23.26%	3.252%
28	20.539	2963	2967	2971	rBV	3452169	3924958	100.00%	13.981%
29	21.415	3113	3116	3121	rVB	3098917	3737156	95.22%	13.312%

Sum of corrected areas: 28074068

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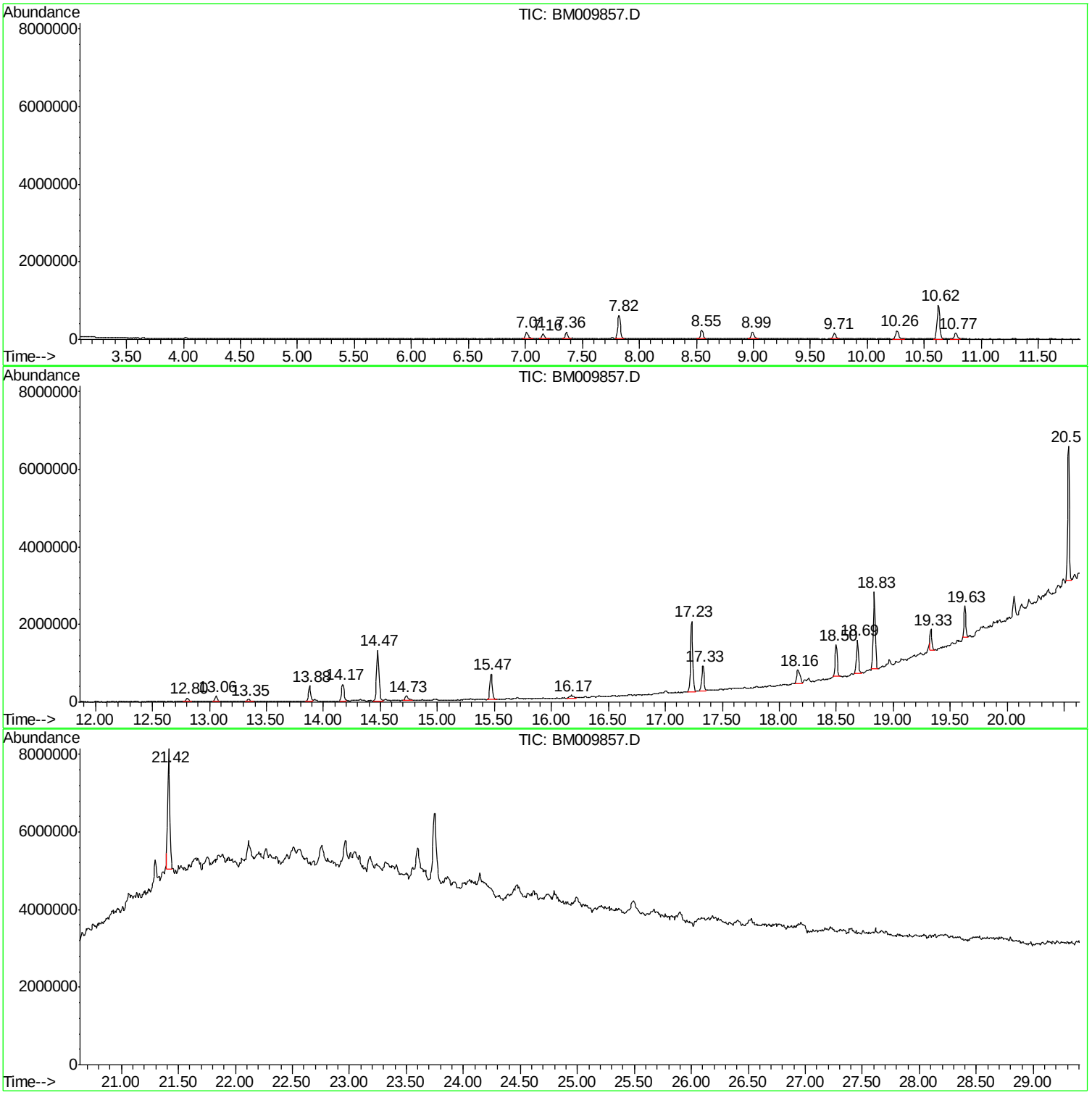
ClientSampleId : JHSQ4DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION

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



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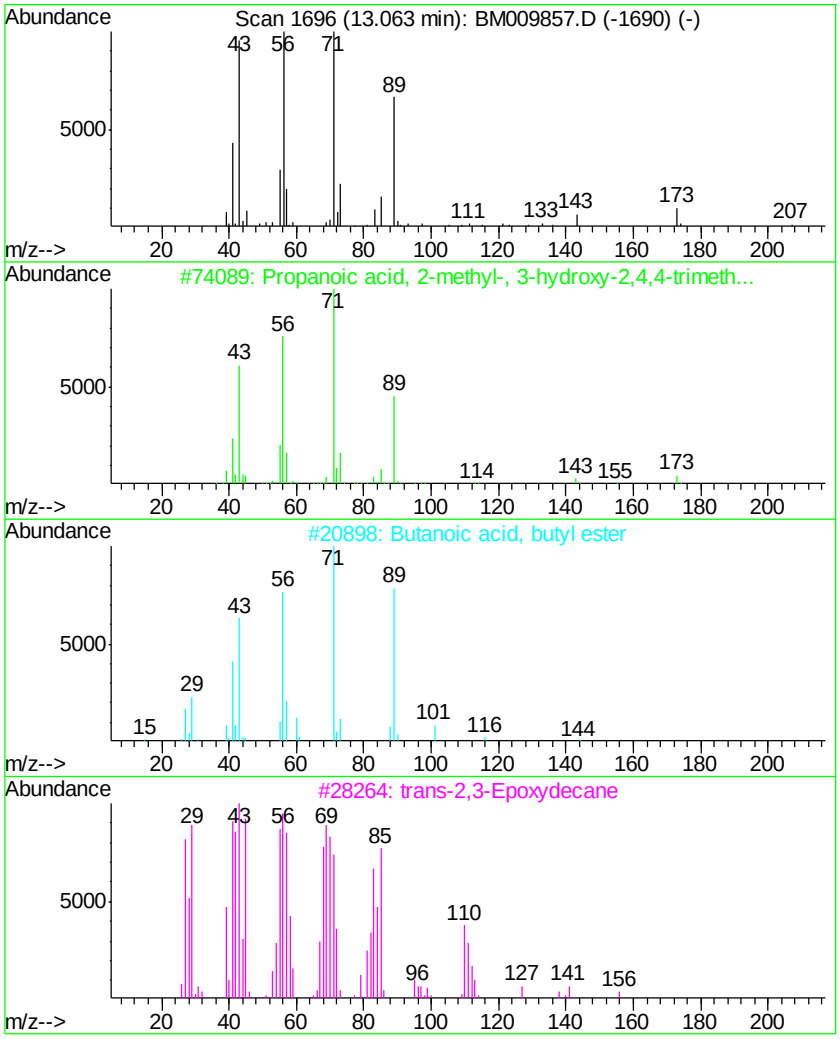
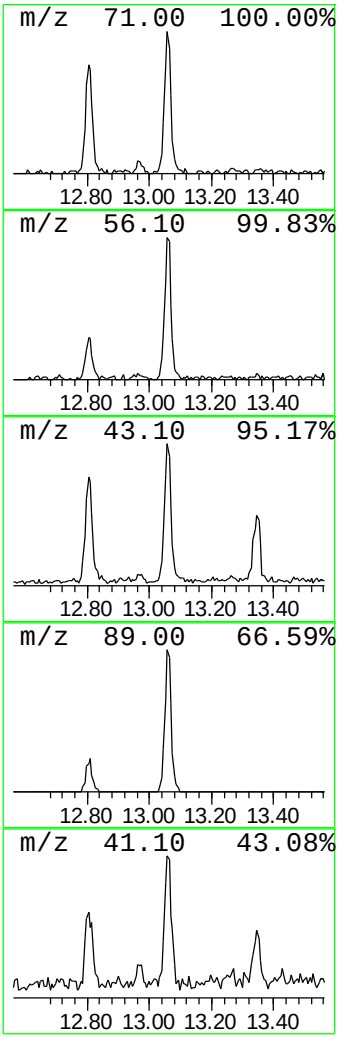
Peak Number 1 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	2.01 ng/ul	207058	Acenaphthene-d10	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 3-hyd...	216	C12H24O3	074367-34-3	91
2	Butanoic acid, butyl ester	144	C8H16O2	000109-21-7	64
3	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	53
4	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	53
5	Propanoic acid, 2-methyl-, butyl...	144	C8H16O2	000097-87-0	42





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TIC Integration Parameters: LSCINT.P

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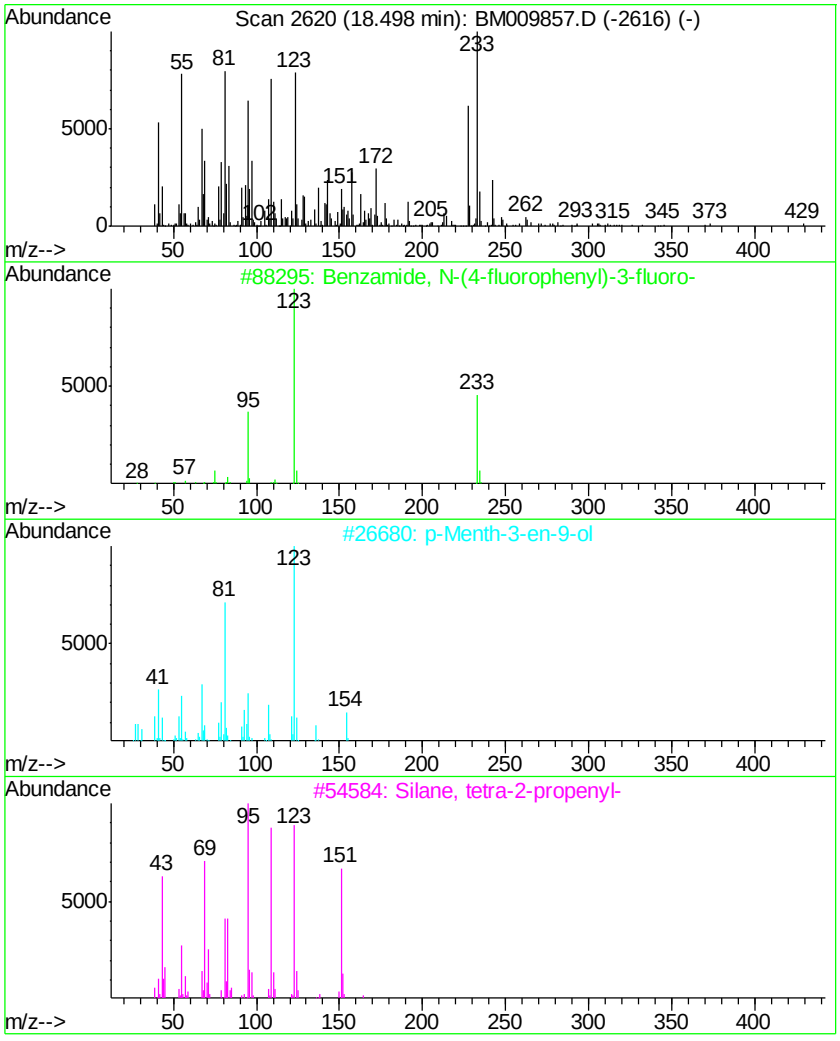
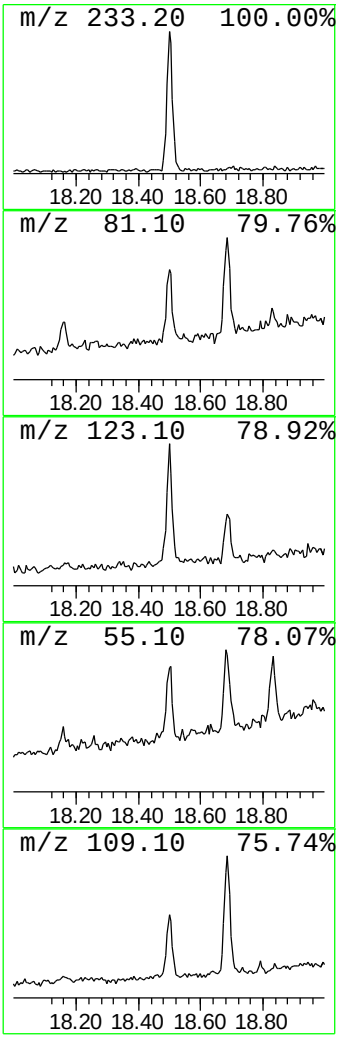
Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	7.92 ng/ul	1030010	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-(4-fluorophenyl)-3-...	233	C13H9F2NO	1000307-16-3	38
2	p-Menth-3-en-9-ol	154	C10H18O	015714-10-0	30
3	Silane, tetra-2-propenyl-	192	C12H20Si	001112-66-9	27
4	4,5-Dimethyl-4-nitro-2-phenyl-2,...	233	C11H11N3O3	1000300-94-0	25
5	1-Cyclohexene-1-acetaldehyde, .a...	152	C10H16O	053155-80-9	25





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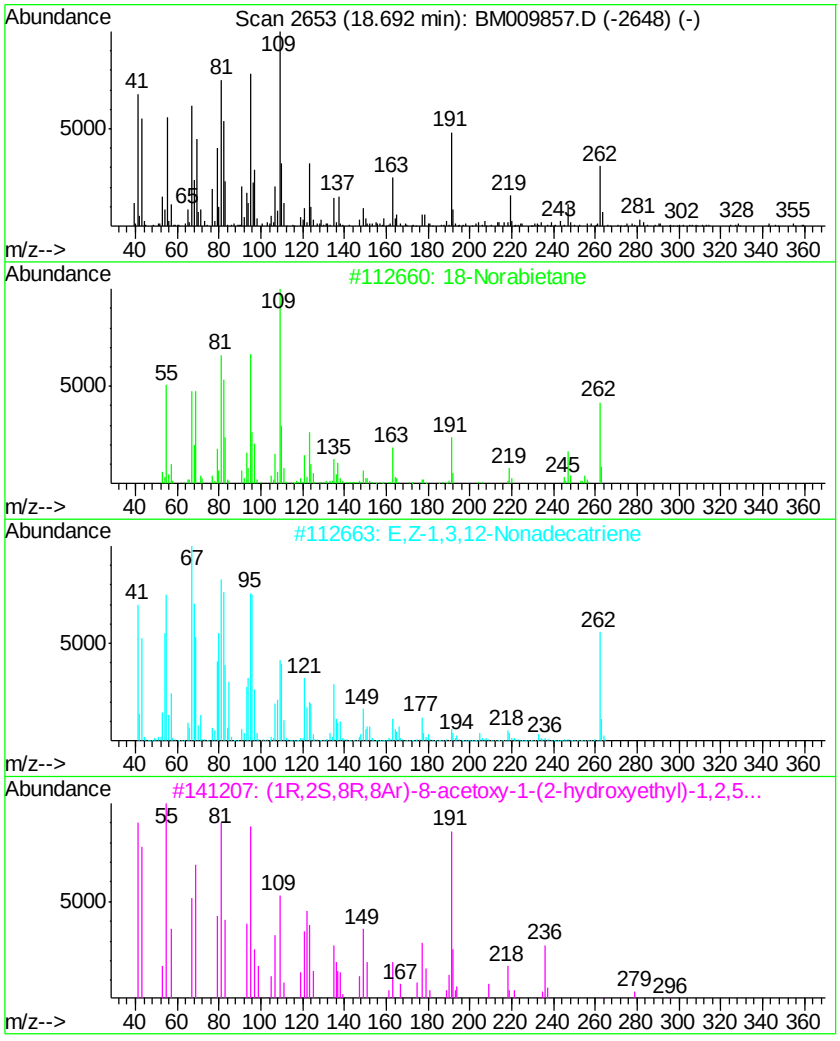
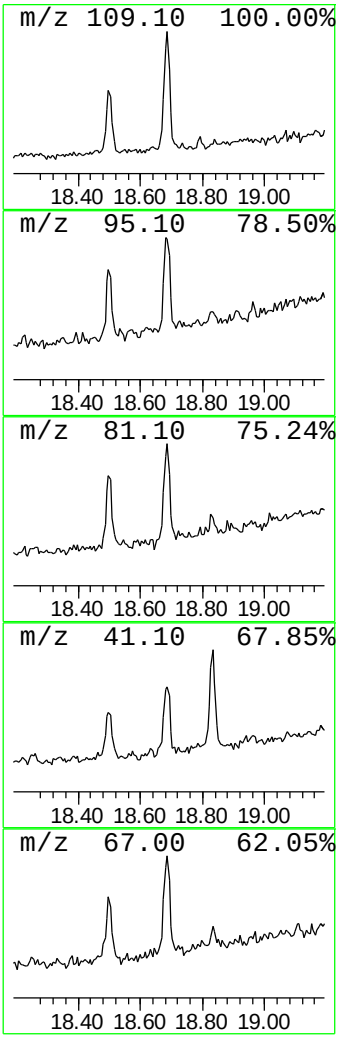
Peak Number 3 18-Norabietane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	8.47 ng/ul	1102510	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	18-Norabietane	262	C19H34	1000293-16-6	94
2	E,Z-1,3,12-Nonadecatriene	262	C19H34	1000131-11-3	62
3	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	38
4	[4-(3-Methylfuran-2-carbonyl)pip...	302	C16H18N2O4	1000310-09-2	35
5	7-Octadecyne, 2-methyl-	264	C19H36	035354-38-2	30





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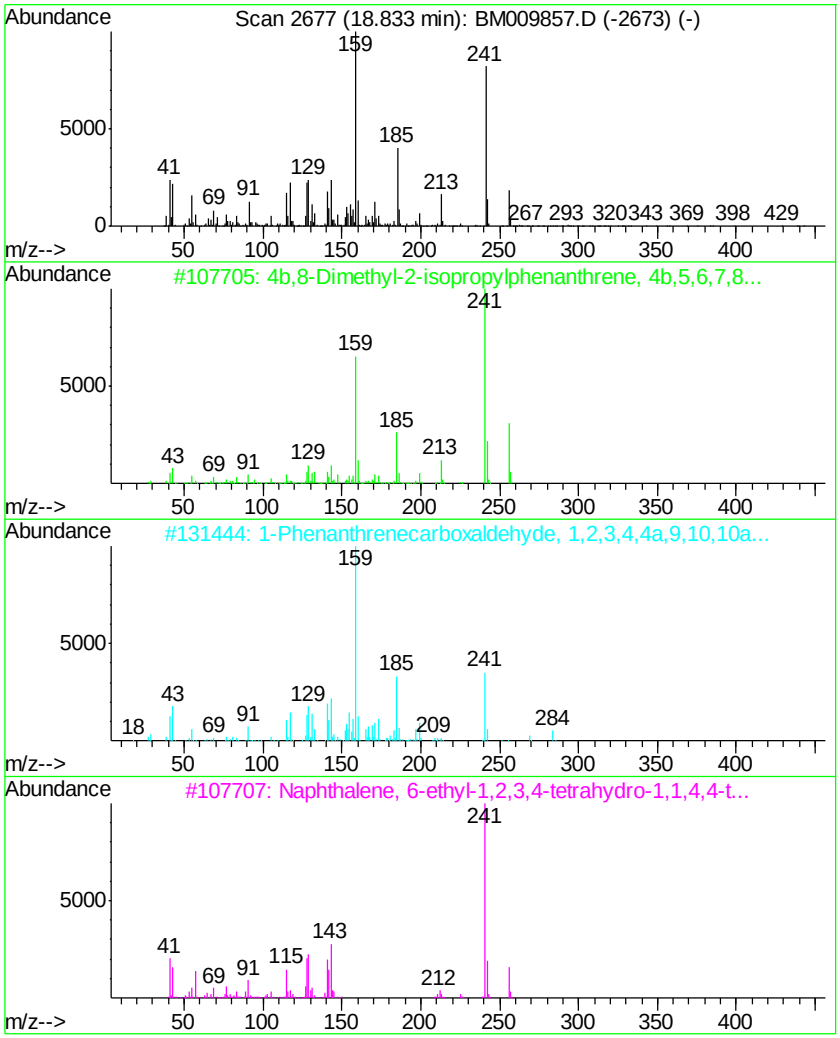
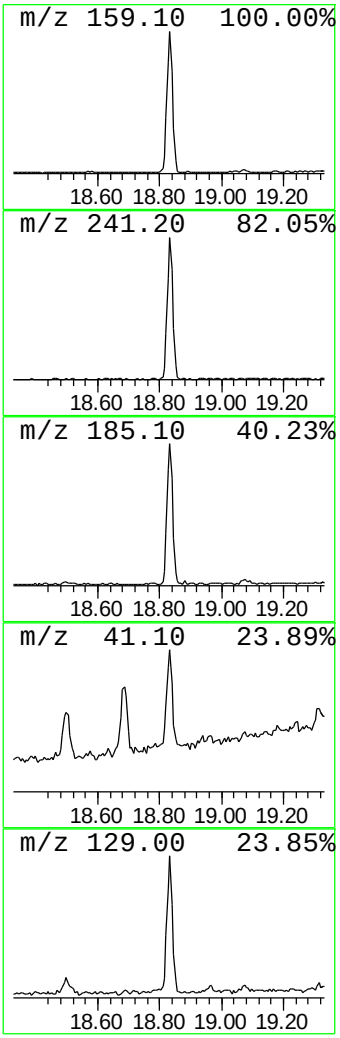
Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	18.47 ng/ul	2403040	Phenanthrene-d10	17.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	95
2	1-Phenanthrenecarboxaldehyde, 1,...	284	C20H28O	024035-50-5	46
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	43
4	Uracil, 5-(p-cyanophenyl)-1,3-di...	241	C13H11N3O2	1000164-78-4	22
5	N-(p-Methoxybenzylidene)-p-anisi...	241	C15H15NO2	001749-08-2	18





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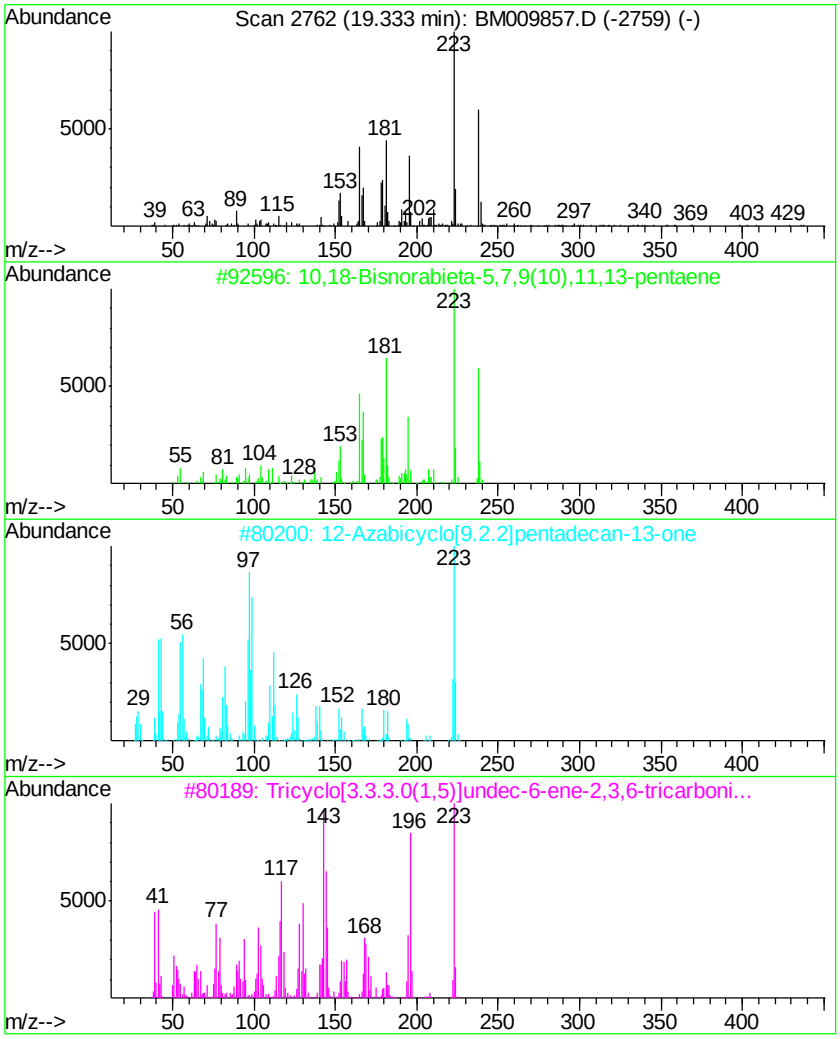
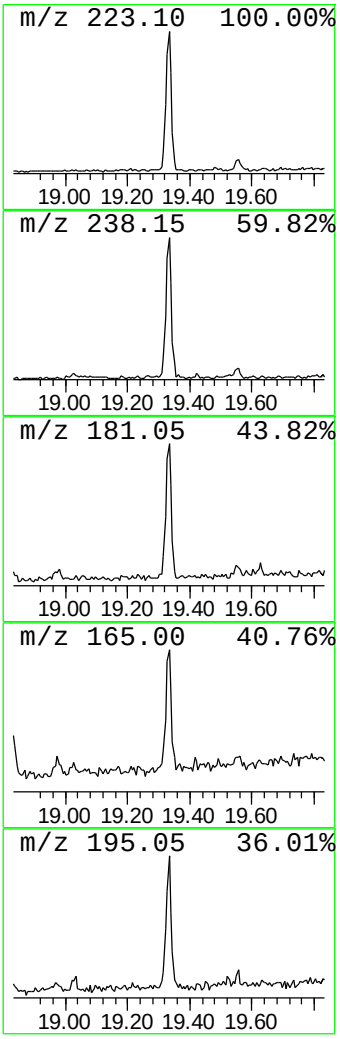
****

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.61 ng/ul	674995	Chrysene-d12	21.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	93
2	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	68
3	Tricyclo[3.3.3.0(1,5)]undec-6-en...	223	C14H13N3	118894-71-6	60
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49
5	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	46





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propanoic acid, 2...	13.06	2.0	ng/ul	207058	3	14.47	2058720	20.0
unknown-01	18.50	7.9	ng/ul	1030010	4	17.23	2602040	20.0
18-Norabietane	18.69	8.5	ng/ul	1102510	4	17.23	2602040	20.0
4b,8-Dimethyl-2-i...	18.83	18.5	ng/ul	2403040	4	17.23	2602040	20.0
10,18-Bisnorabiet...	19.33	3.6	ng/ul	674995	5	21.42	3737160	20.0