LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062519\
Data File : BM021162.D
Acq On : 25 Jun 2019 15:38
Operator : HP/JU
Sample : K3289-14
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCL1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	3.022	3	6	19	rVB	714588	995199	9.76%	1.042%
2	3.246	40	44	48	rBV2	136603	201447	1.97%	0.211%
3	3.287	48	51	60	rVB2	68406	98468	0.97%	0.103%
4	6.940	666	672	682	rBV	268698	464304	4.55%	0.486%
5	7.110	694	701	713	rBV	897822	1377427	13.50%	1.442%
6	7.304	726	734	744	rBV	957031	1551551	15.21%	1.624%
7	7.769	806	813	821	rBV	1171841	1833117	17.97%	1.919%
8	8.469	925	932	944	rBV	812687	1310480	12.85%	1.372%
9	8.934	1004	1011	1022	rBV	1162638	1979482	19.40%	2.072%
10	9.304	1068	1074	1078	rBV	22682	30563	0.30%	0.032%
11	9.645	1125	1132	1142	rBV	1053837	1700768	16.67%	1.780%
12	10.175	1215	1222	1235	rBV	1582294	2697756	26.45%	2.824%
13	10.557	1279	1287	1295	rBV	1697595	2893619	28.37%	3.029%
14	10.704	1306	1312	1323	rBV	122736	237599	2.33%	0.249%
15	11.792	1493	1497	1502	rVB2	13093	18536	0.18%	0.019%
16	12.151	1552	1558	1564	rBV2	23011	38208	0.37%	0.040%
17	13.027	1701	1707	1711	rBV3	6823	13031	0.13%	0.014%
18	13.822	1832	1842	1847	rBV	3535812	4871765	47.76%	5.100%
19	13.869	1847	1850	1857	rVB	162345	221737	2.17%	0.232%
20	14.104	1883	1890	1899	rBV	3814890	5800201	56.86%	6.072%
21	14.410	1935	1942	1954	rBV2	3088382	4572258	44.82%	4.786%
22	14.621	1973	1978	1996	rBV2	193751	370154	3.63%	0.387%
23	15.204	2072	2077	2080	rBV	21994	26244	0.26%	0.027%
24	15.404	2104	2111	2119	rBV	5410922	7747789	75.95%	8.110%
25	15.527	2126	2132	2147	rBV	1379114	1969538	19.31%	2.062%
26	15.645	2147	2152	2158	rVB2	66865	93572	0.92%	0.098%
27	16.186	2240	2244	2250	rBV7	7612	10967	0.11%	0.011%
28	16.363	2267	2274	2277	rBV6	6960	10729	0.11%	0.011%
29	16.945	2370	2373	2383	rVB2	17110	27776	0.27%	0.029%
30	17.157	2403	2409	2419	rBV2	4156935	5916105	58.00%	6.193%
31	17.257	2419	2426	2441	rVV	6359789	8821390	86.48%	9.234%
32	18.045	2555	2560	2570	rBV2	178552	286261	2.81%	0.300%
33	18.345	2606	2611	2613	rBV4	13547	19656	0.19%	0.021%
34	18.974	2715	2718	2721	rBV4	14170	15245	0.15%	0.016%

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Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

35	19.186	2750	2754	2762	rBV	90418	135994	1.33%	0.142%
36	19.327	2774	2778	2786	rBV3	91923	151165	1.48%	0.158%
37	19.439	2793	2797	2801	rBV	52952	70293	0.69%	0.074%
38	19.480	2801	2804	2808	rVB4	30362	34824	0.34%	0.036%
39	19.551	2810	2816	2822	rBV	7356809	10200978	100.00%	10.678%
40	19.786	2853	2856	2860	rVB	29118	33050	0.32%	0.035%
41	20.086	2905	2907	2911	rVB2	42839	41712	0.41%	0.044%
42	20.586	2989	2992	2996	rBV2	91442	91555	0.90%	0.096%
43	21.051	3067	3071	3078	rBV	363679	496251	4.86%	0.519%
44	21.345	3115	3121	3130	rBV	4803812	6001923	58.84%	6.283%
45	21.486	3142	3145	3149	rBV	204236	217073	2.13%	0.227%
46	21.927	3217	3220	3227	rVB	273326	320002	3.14%	0.335%
47	22.397	3296	3300	3309	rBV	367784	487195	4.78%	0.510%
48	22.909	3383	3387	3393	rVB	417153	584654	5.73%	0.612%
49	23.480	3476	3484	3500	rVV	4725080	8671646	85.01%	9.078%
50	23.621	3501	3508	3517	rVB	2669620	5088622	49.88%	5.327%
51	24.139	3592	3596	3602	rVB	315338	508697	4.99%	0.533%
52	24.362	3623	3634	3636	rBV2	1317816	4170402	40.88%	4.366%

Sum of corrected areas: 95528978

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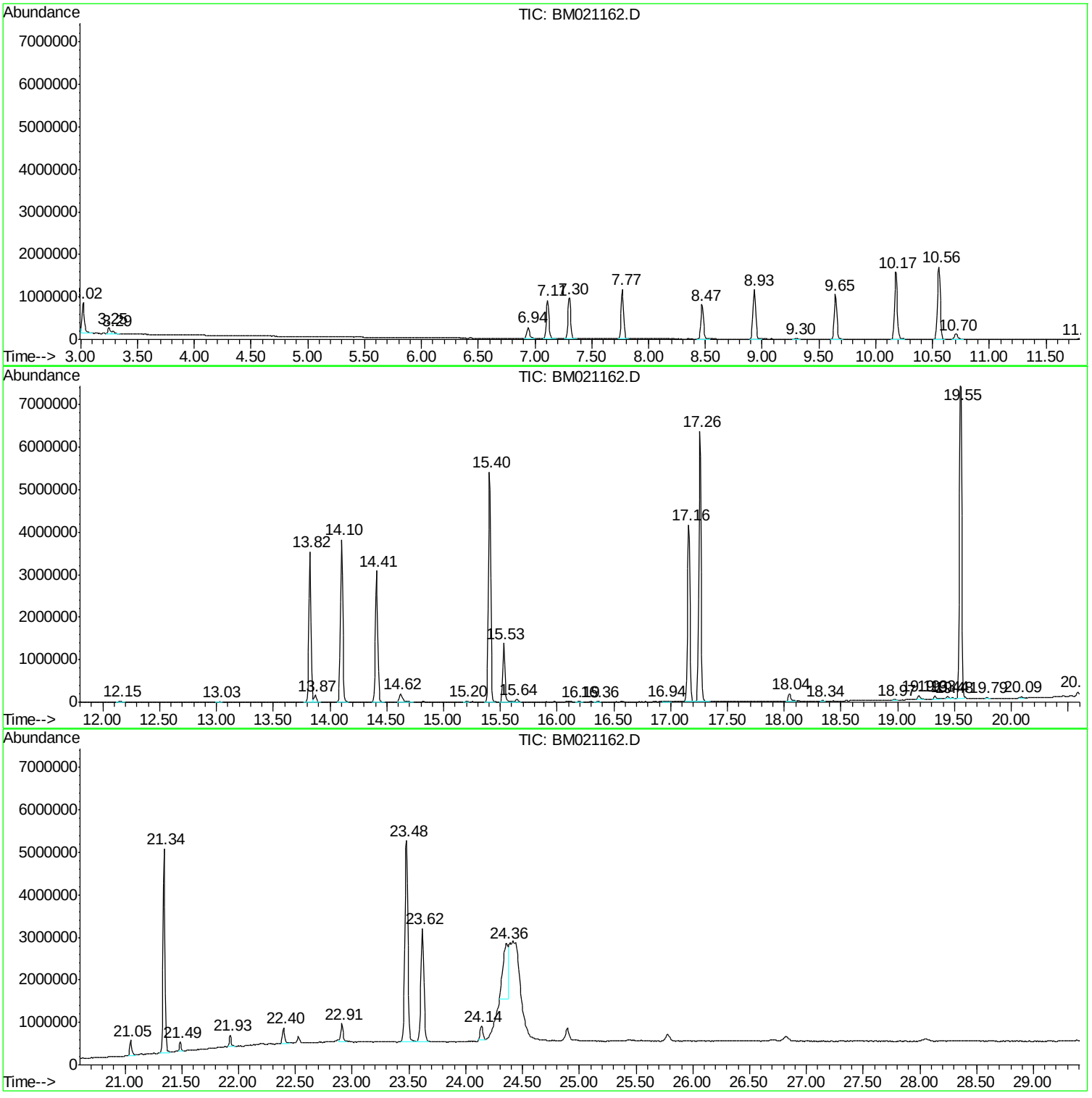
ClientSampleId : BFCL1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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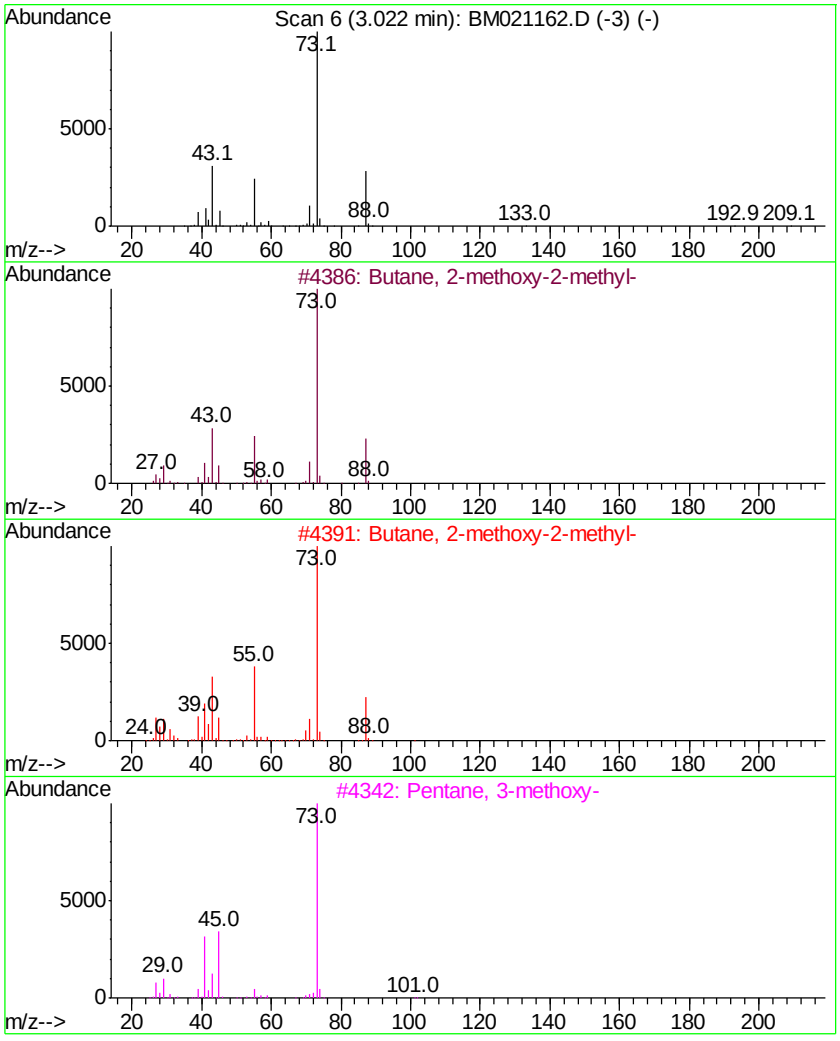
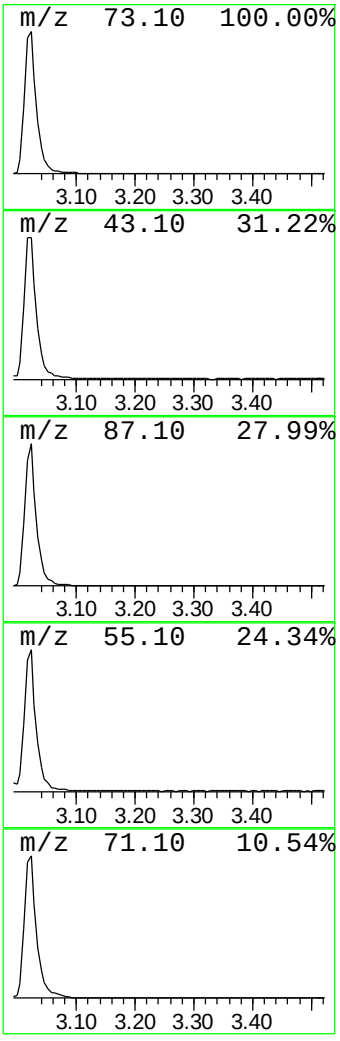
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	10.86 ng/ul	995199	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_M
ClientSampleId : BFCL1

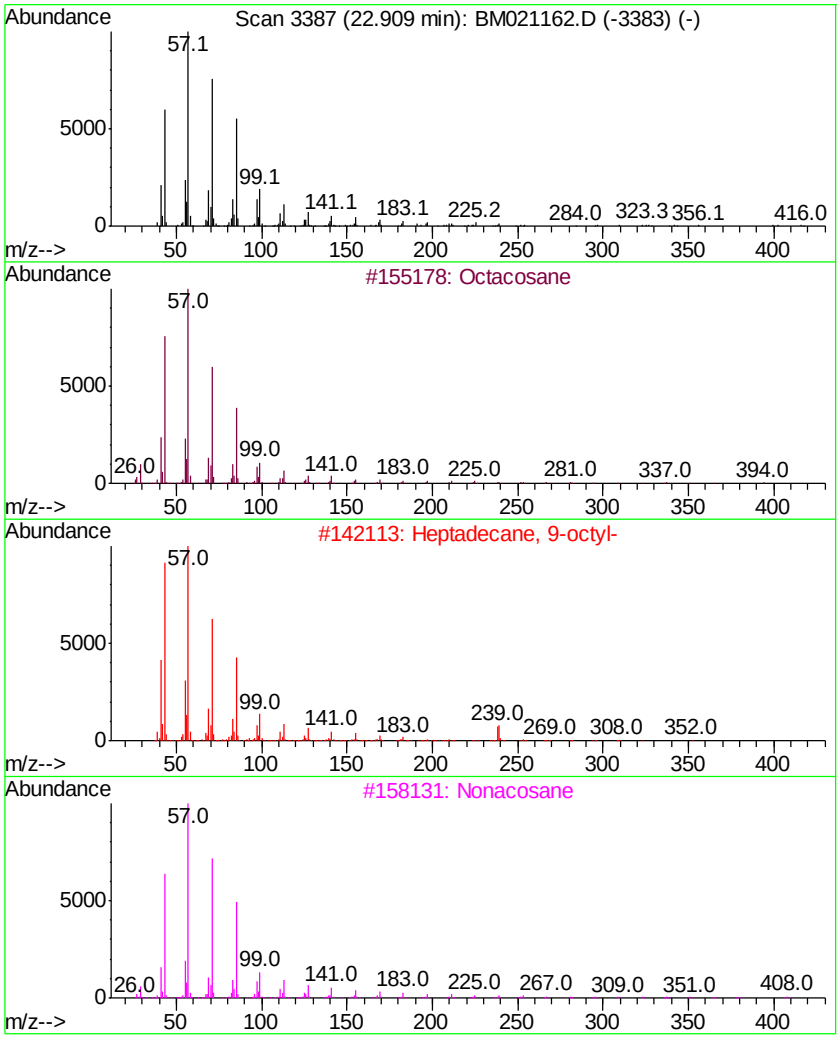
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

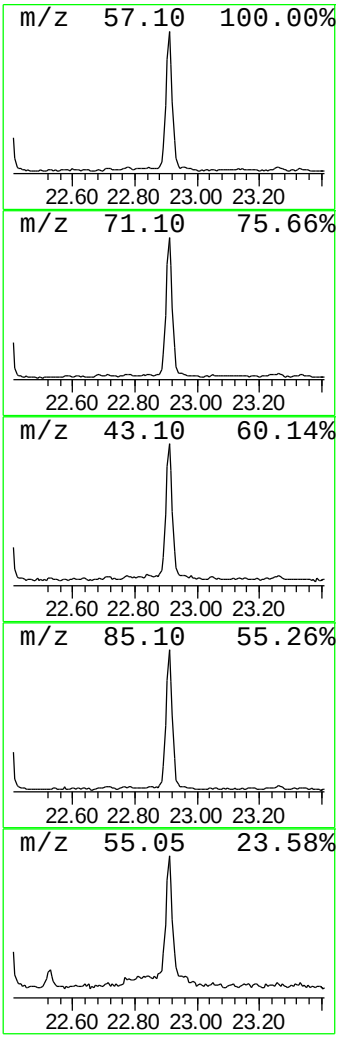
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.91	2.30 ng/ul	584654	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Nonacosane	408	C29H60	000630-03-5	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Triacontane	422	C30H62	000638-68-6	91





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Quant Title : SVOA CALIBRATION

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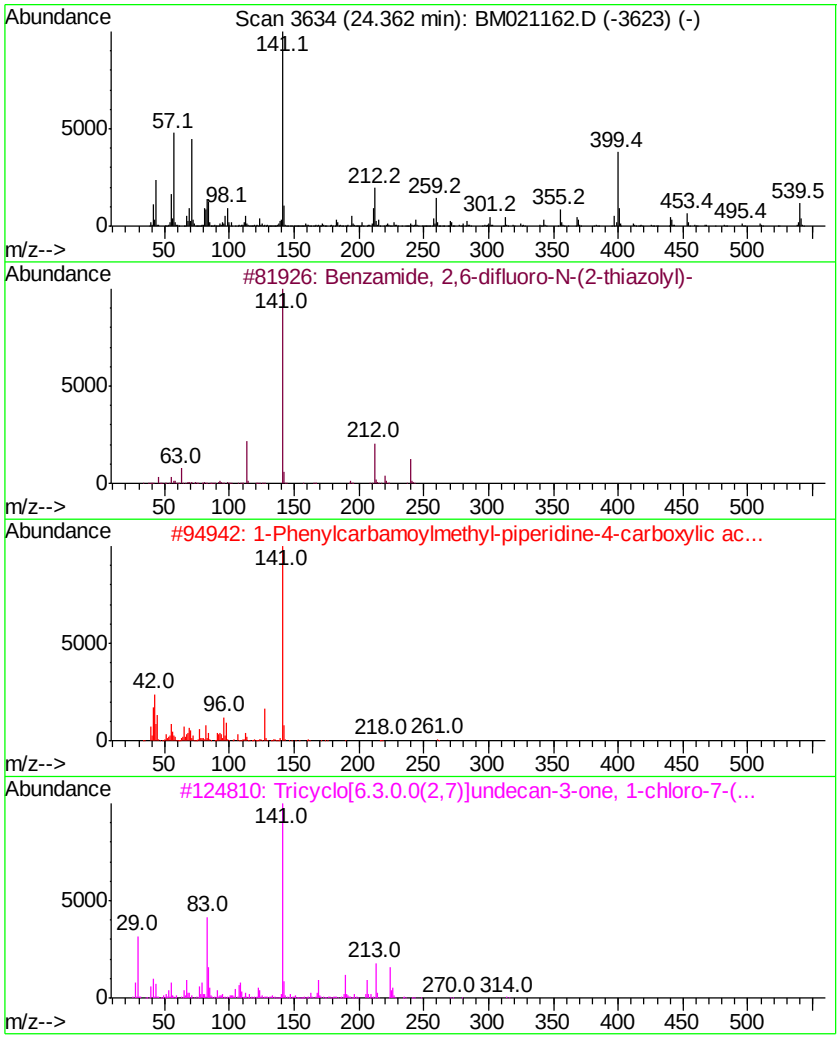
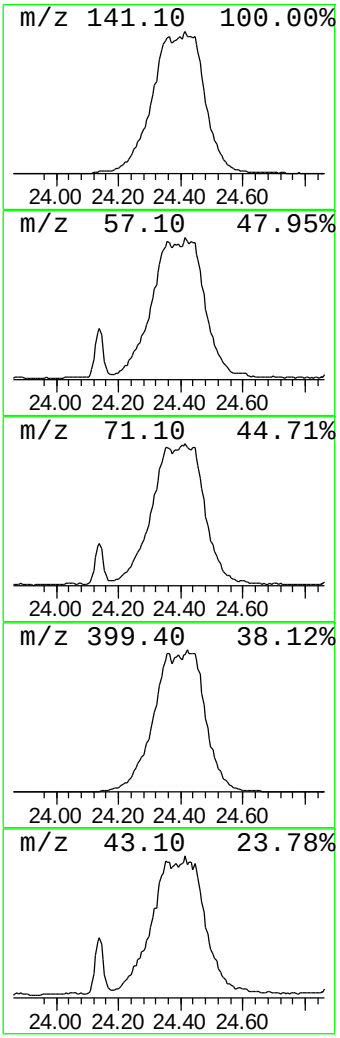
****

Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.36	16.39 ng/ul	4170400	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, 2,6-difluoro-N-(2-thi...	240	C10H6F2N2OS	296892-48-3	37
2	1-Phenylcarbamoylmethyl-piperidi...	261	C14H19N3O2	333758-70-6	35
3	Tricyclo[6.3.0.0(2,7)]undecan-3-...	314	C16H23ClO4	1000161-18-9	35
4	2,6-Difluorobenzoic acid, pent-2...	222	C12H8F2O2	1000292-58-3	25
5	2,6-Difluorobenzoic acid, 3,5-di...	270	C13H6F4O2	1000292-62-1	17





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	10.9	ng/ul	995199	1	7.77	1833120	20.0
(DEL) Alkane: Str...	22.91	2.3	ng/ul	584654	6	23.62	5088620	20.0
unknown-01	24.36	16.4	ng/ul	4170400	6	23.62	5088620	20.0