LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102816\
Data File : BM007743.D
Acq On : 28 Oct 2016 15:14
Operator : UM/SJ
Sample : H5441-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PRERV-SS009-1218-01

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\SOM02.2-EPA-BM102016.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	2.640	6	9	19	rVB2	68336	131694	3.72%	0.289%
2	2.887	47	51	56	rVB	69929	85450	2.41%	0.188%
3	2.993	65	69	79	rVB	119387	157171	4.44%	0.345%
4	3.075	79	83	93	rVB	93321	143071	4.04%	0.314%
5	3.287	115	119	125	rVB	35741	47426	1.34%	0.104%
6	3.793	201	205	212	rVB	74368	100604	2.84%	0.221%
7	4.216	272	277	282	rBV2	39040	60860	1.72%	0.134%
8	4.616	338	345	352	rBV5	18452	38783	1.10%	0.085%
9	4.910	389	395	401	rBV2	38765	59899	1.69%	0.132%
10	6.440	651	655	661	rVB	38574	59935	1.69%	0.132%
11	6.928	731	738	751	rBV	630983	1153834	32.61%	2.535%
12	7.093	759	766	776	rBV	504681	790366	22.34%	1.736%
13	7.287	793	799	810	rBV	683603	1097164	31.01%	2.410%
14	7.751	870	878	886	rBV	790563	1265227	35.76%	2.780%
15	8.457	992	998	1014	rBV	711980	1195301	33.78%	2.626%
16	8.910	1067	1075	1087	rBV	595661	1026986	29.02%	2.256%
17	9.034	1089	1096	1106	rVV	38045	68082	1.92%	0.150%
18	9.622	1190	1196	1206	rBV	481154	835508	23.61%	1.836%
19	10.163	1281	1288	1306	rBV	739993	1349872	38.15%	2.966%
20	10.533	1342	1351	1358	rBV	1014860	1696884	47.95%	3.728%
21	10.675	1368	1375	1391	rBV	504760	1001297	28.30%	2.200%
22	12.680	1708	1716	1723	rBV	101790	185955	5.26%	0.409%
23	13.280	1812	1818	1826	rVB4	29923	59630	1.69%	0.131%
24	13.716	1885	1892	1897	rBV6	34138	67251	1.90%	0.148%
25	13.798	1898	1906	1910	rVV	1317569	1928851	54.51%	4.238%
26	13.845	1910	1914	1922	rVB	1289866	1758163	49.69%	3.863%
27	14.080	1947	1954	1968	rVV	1496722	2328749	65.81%	5.116%
28	14.210	1972	1976	1982	rVB4	26239	42377	1.20%	0.093%
29	14.286	1982	1989	1994	rBV3	41945	79429	2.24%	0.175%
30	14.386	2000	2006	2013	rVB	1459886	2115038	59.77%	4.647%
31	14.451	2013	2017	2027	rVB4	27703	70695	2.00%	0.155%
32	14.610	2038	2044	2056	rBV	352045	717469	20.28%	1.576%
33	14.786	2069	2074	2080	rBV6	19482	38326	1.08%	0.084%
34	15.233	2146	2150	2156	rVB2	59013	70264	1.99%	0.154%

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Misc :
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Instrument : BNA_M
ClientSampleId : PRERV-SS009-1218-01

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\SOM02.2-EPA-BM102016.M
Title : SVOA CALIBRATION

35	15.380	2168	2175	2181	rBV	1951387	2801269	79.16%	6.154%
36	15.433	2181	2184	2192	rVB3	28425	49974	1.41%	0.110%
37	15.515	2193	2198	2205	rBV	288668	440299	12.44%	0.967%
38	15.627	2212	2217	2224	rVB5	37860	83334	2.36%	0.183%
39	16.098	2293	2297	2299	rBV	80275	108468	3.07%	0.238%
40	16.886	2428	2431	2434	rVB3	50504	54246	1.53%	0.119%
41	17.133	2467	2473	2478	rBV2	1616686	2348582	66.37%	5.160%
42	17.174	2478	2480	2484	rVV	258503	306175	8.65%	0.673%
43	17.233	2484	2490	2501	rVB	1986190	3014657	85.19%	6.623%
44	17.521	2534	2539	2547	rBV4	123062	251684	7.11%	0.553%
45	17.621	2553	2556	2561	rBV	34249	38363	1.08%	0.084%
46	17.968	2611	2615	2618	rBV5	64193	92284	2.61%	0.203%
47	18.021	2620	2624	2628	rVV2	158167	218916	6.19%	0.481%
48	18.892	2769	2772	2775	rBV3	64912	94137	2.66%	0.207%
49	19.192	2819	2823	2830	rVB	477369	655534	18.53%	1.440%
50	19.527	2875	2880	2884	rBV	2435335	3538594	100.00%	7.774%
51	21.321	3180	3185	3189	rBV	2164480	2911456	82.28%	6.396%
52	22.362	3359	3362	3369	rVB	729317	957715	27.06%	2.104%
53	23.433	3539	3544	3549	rBV2	1743339	3063472	86.57%	6.730%
54	23.574	3564	3568	3575	rVB	1448215	2660665	75.19%	5.845%

Sum of corrected areas: 45517435

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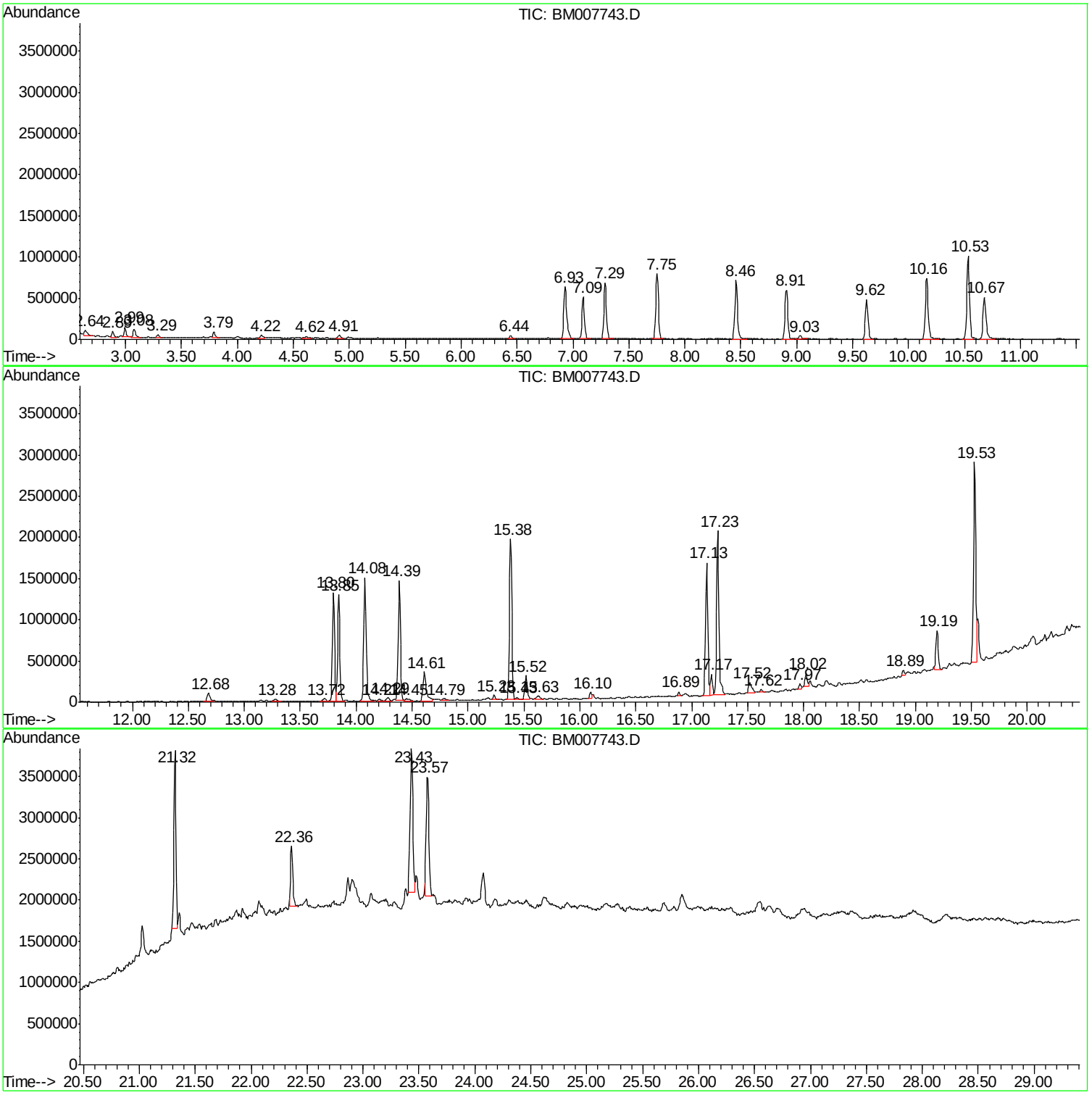
ClientSampleId :
PRERV-SS009-1218-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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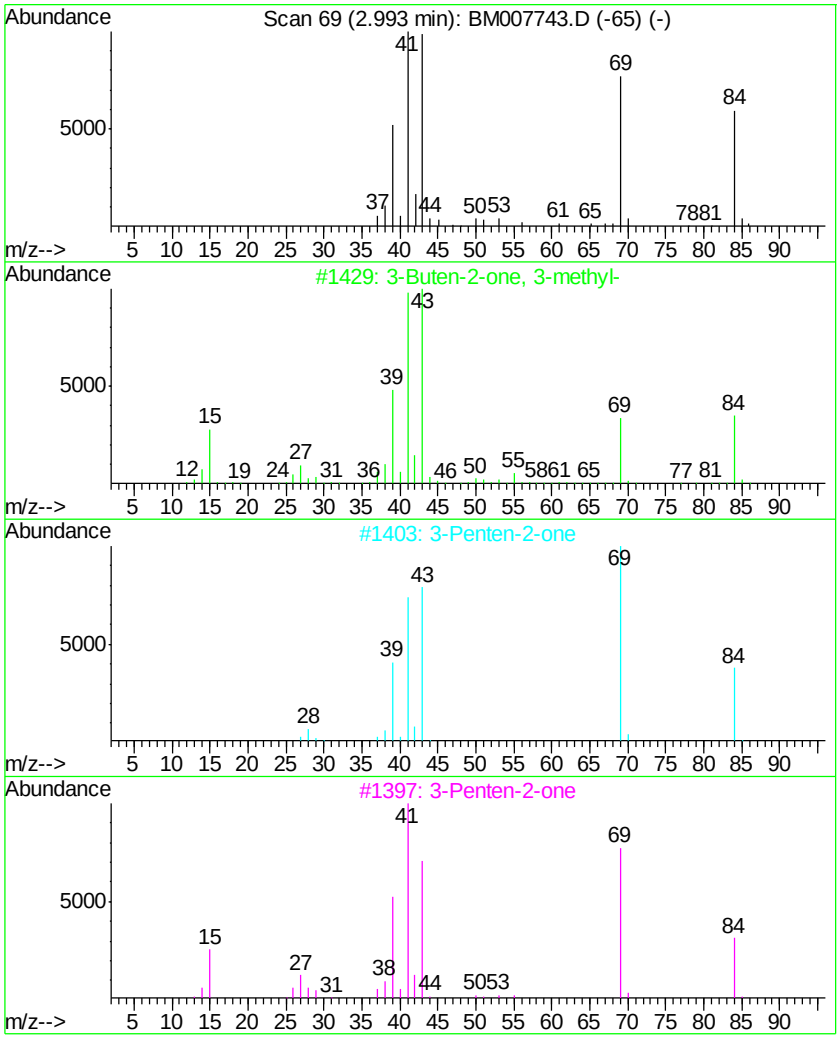
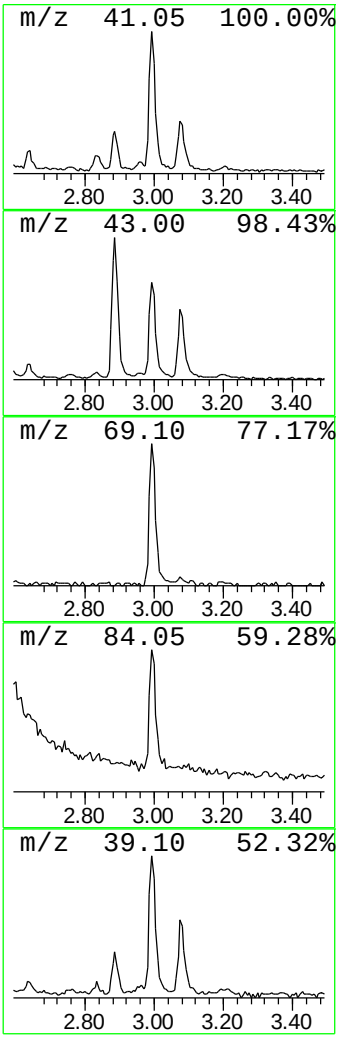
Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	2.48 ng/ul	157171	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	90
2	3-Penten-2-one	84	C5H8O	000625-33-2	90
3	3-Penten-2-one	84	C5H8O	000625-33-2	78
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	72
5	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	72





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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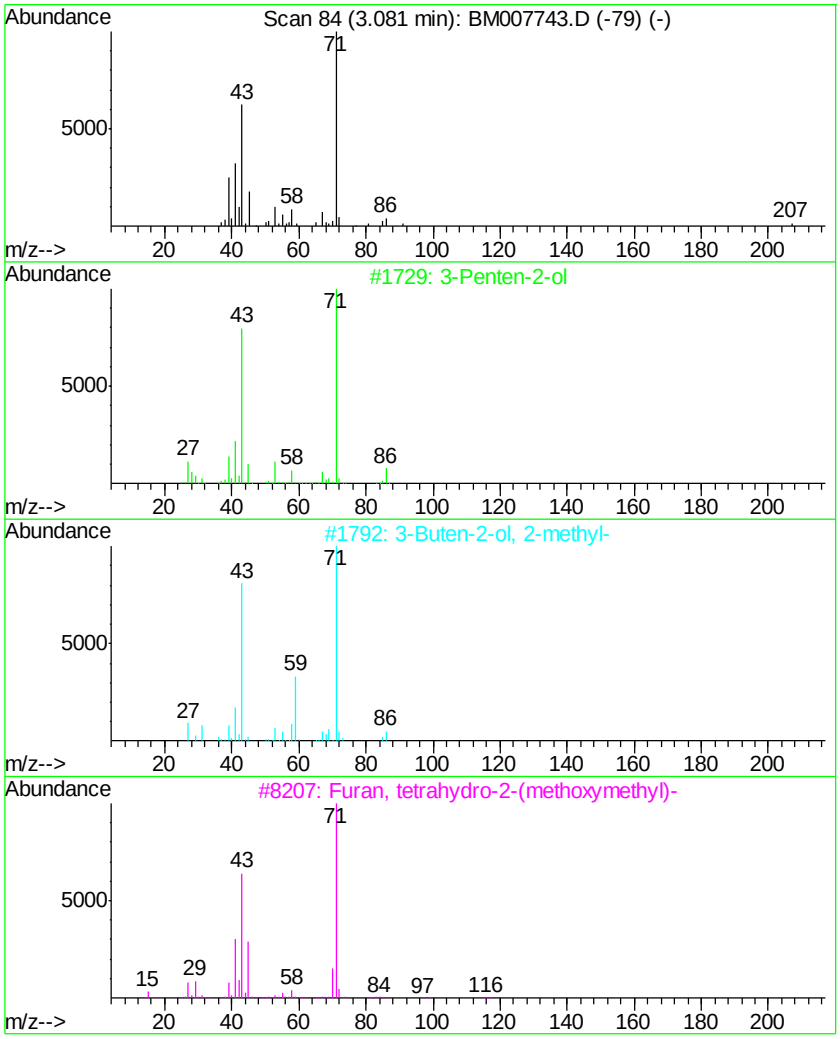
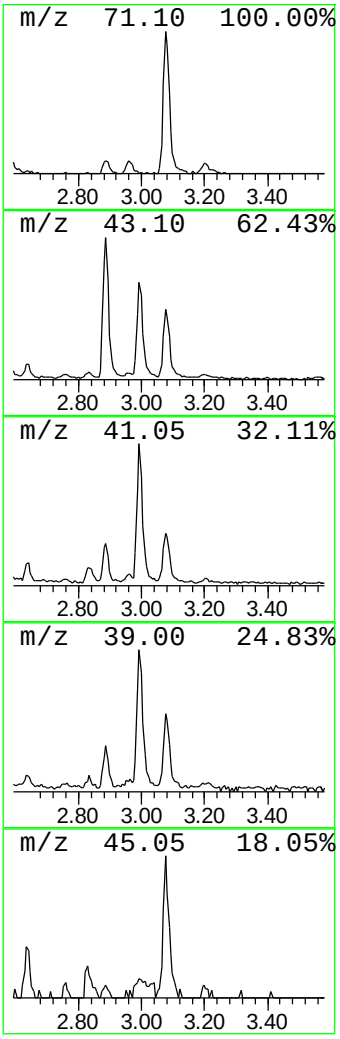
Peak Number 3 3-Penten-2-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	2.26 ng/ul	143071	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-ol	86	C5H10O	001569-50-2	72
2	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
3	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	59
4	3-Penten-2-ol	86	C5H10O	001569-50-2	59
5	Furan, tetrahydro-2-(methoxymeth...	116	C6H12O2	019354-27-9	59





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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
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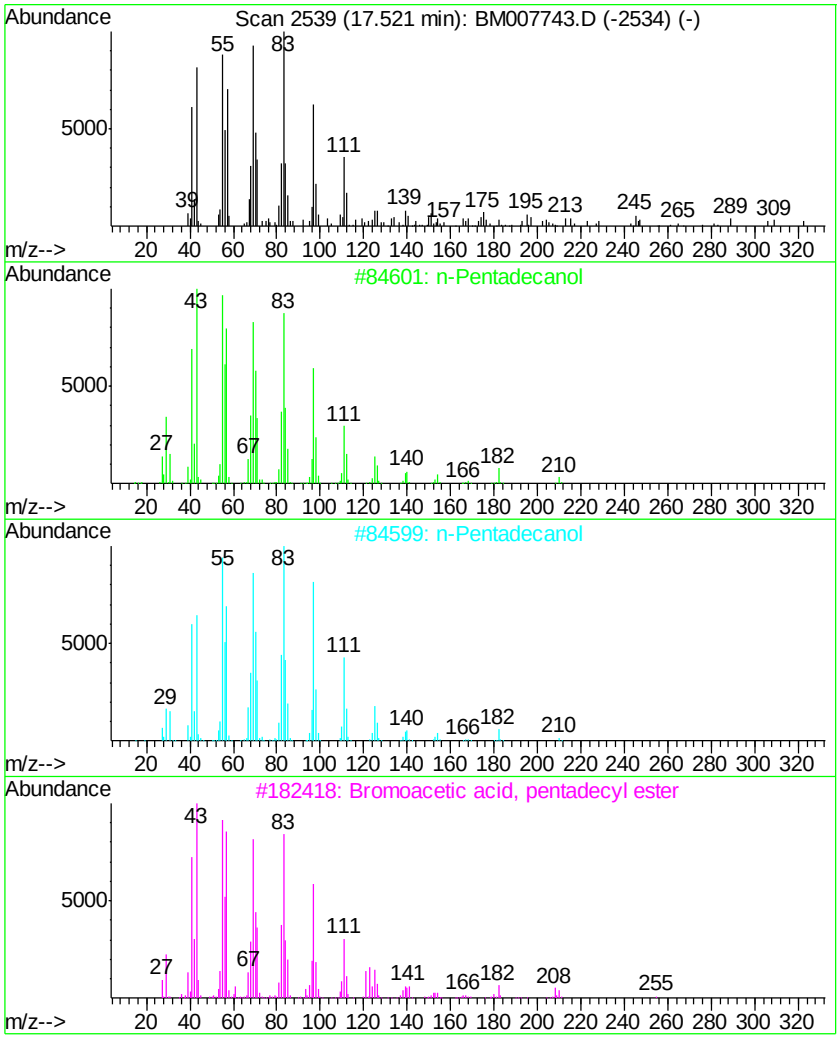
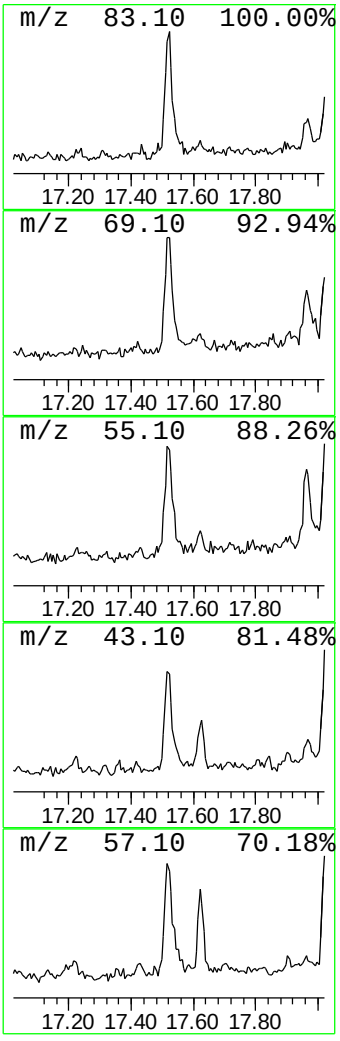
Peak Number 4 n-Pentadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.14 ng/ul	251684	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecanol	228	C15H32O	000629-76-5	91
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	1-Tridecene	182	C13H26	002437-56-1	90





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Quant Title : SVOA CALIBRATION

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

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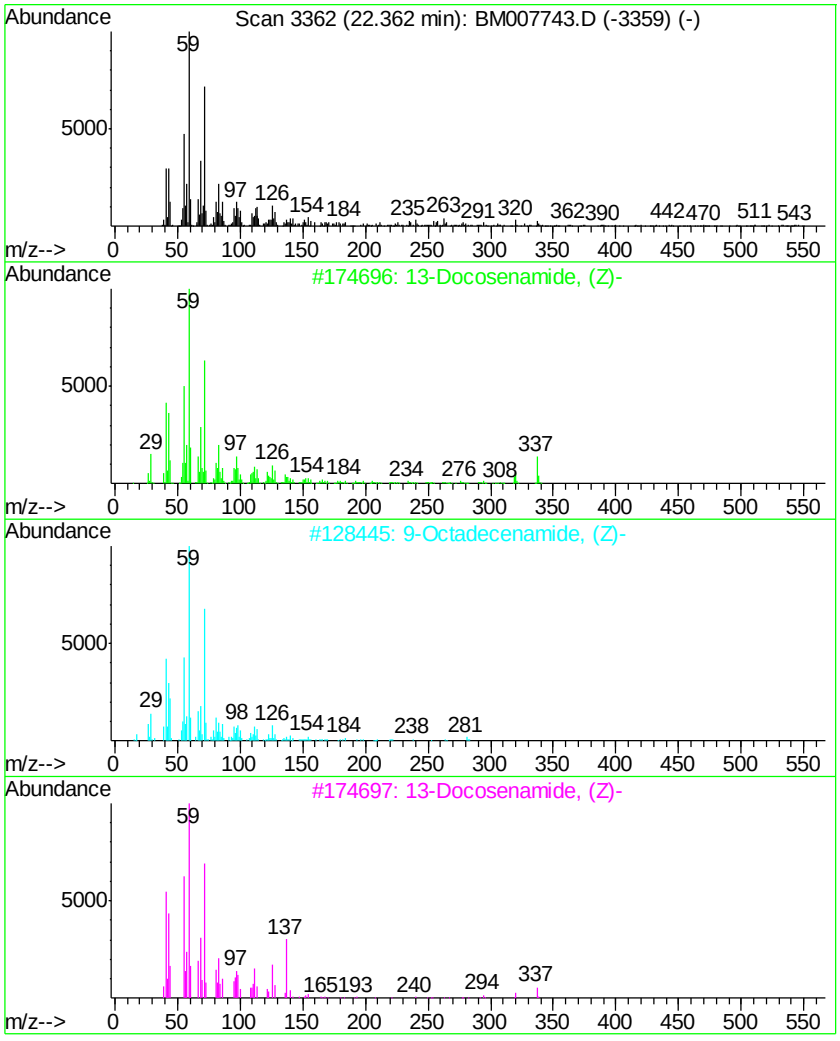
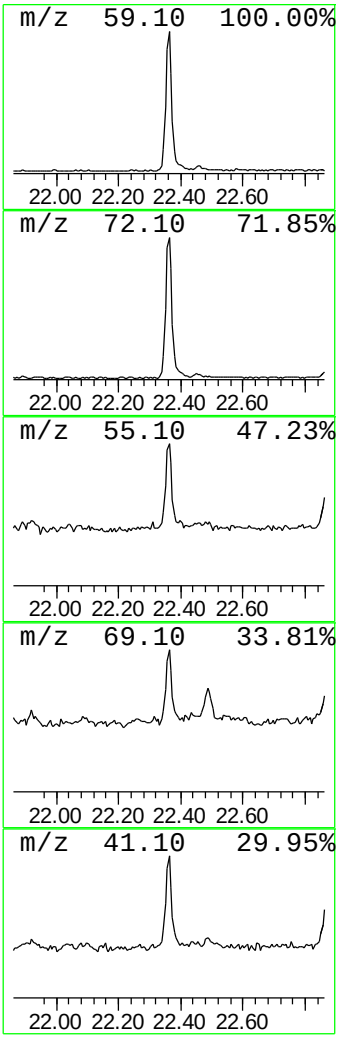
Peak Number 5 13-Docosenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	6.58 ng/ul	957715	Chrysene-d12	21.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	81
4	Octadecanamide	283	C18H37NO	000124-26-5	72
5	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	64





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
3-Buten-2-one, 3-...	2.99	2.5	ng/ul	157171	1	7.75	1265230	20.0
3-Penten-2-ol	3.08	2.3	ng/ul	143071	1	7.75	1265230	20.0
n-Pentadecanol	17.52	2.1	ng/ul	251684	4	17.13	2348580	20.0
13-Docosenamide, ...	22.36	6.6	ng/ul	957715	5	21.32	2911460	20.0