LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004333.D
Acq On : 23 Feb 2016 04:20
Operator : SJ/UM
Sample : H1499-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S22-0003

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.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	2.740	5	9	20	rVV	37871	67016	5.70%	0.594%
2	2.822	20	23	30	rVB	14444	17831	1.52%	0.158%
3	3.081	64	67	73	rVB	5442	6607	0.56%	0.059%
4	6.816	696	702	715	rBV	112634	183525	15.62%	1.626%
5	6.963	721	727	737	rBB	104044	160692	13.67%	1.424%
6	7.157	755	760	771	rBB	133348	209671	17.84%	1.858%
7	7.622	833	839	847	rBB	100634	154305	13.13%	1.367%
8	8.345	957	962	976	rBB	171609	274232	23.34%	2.430%
9	8.780	1030	1036	1048	rBB	125603	203744	17.34%	1.805%
10	9.504	1153	1159	1166	rBV	112059	177651	15.12%	1.574%
11	10.045	1245	1251	1267	rBV	169741	285086	24.26%	2.526%
12	10.410	1306	1313	1322	rBB	161353	265477	22.59%	2.352%
13	10.557	1332	1338	1356	rBV	174389	299286	25.47%	2.652%
14	12.016	1583	1586	1590	rBB	1504	2402	0.20%	0.021%
15	13.098	1767	1770	1773	rBB	2143	1956	0.17%	0.017%
16	13.180	1779	1784	1787	rBB	6255	8704	0.74%	0.077%
17	13.698	1866	1872	1876	rBV	383560	524382	44.62%	4.646%
18	13.745	1876	1880	1888	rVB	170969	224241	19.08%	1.987%
19	13.974	1913	1919	1935	rBB	429960	629195	53.54%	5.575%
20	14.180	1950	1954	1958	rBB	10530	12465	1.06%	0.110%
21	14.286	1966	1972	1979	rBB2	265436	399901	34.03%	3.543%
22	14.527	2009	2013	2027	rBV	86377	167699	14.27%	1.486%
23	14.621	2027	2029	2038	rVV3	3417	7772	0.66%	0.069%
24	14.680	2038	2039	2043	rVB	1407	1217	0.10%	0.011%
25	14.798	2057	2059	2062	rBB	2115	1998	0.17%	0.018%
26	15.086	2105	2108	2112	rBB	2151	2511	0.21%	0.022%
27	15.139	2113	2117	2121	rBB	13925	16468	1.40%	0.146%
28	15.286	2136	2142	2149	rBV	571631	821158	69.88%	7.276%
29	15.427	2161	2166	2178	rBB	151098	202985	17.27%	1.798%
30	15.527	2179	2183	2189	rBB3	6173	10918	0.93%	0.097%
31	15.692	2209	2211	2214	rBB	1511	1179	0.10%	0.010%
32	15.998	2260	2263	2271	rBV	14442	22684	1.93%	0.201%
33	16.345	2319	2322	2325	rBV	1526	1904	0.16%	0.017%
34	16.792	2395	2398	2402	rBB	9642	10857	0.92%	0.096%

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Sample : H1499-17
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0311-S22-0003

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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Title : SVOA CALIBRATION

35	16.839	2402	2406	2410	rBB2	2571	3947	0.34%	0.035%
36	17.039	2434	2440	2448	rBV	372324	506939	43.14%	4.492%
37	17.139	2450	2457	2478	rVB2	651160	928467	79.01%	8.226%
38	17.327	2486	2489	2491	rBB	1466	1466	0.12%	0.013%
39	17.415	2500	2504	2515	rBB	73282	103607	8.82%	0.918%
40	17.533	2520	2524	2527	rBB	6301	7592	0.65%	0.067%
41	17.939	2590	2593	2596	rBB	3937	3994	0.34%	0.035%
42	18.009	2602	2605	2607	rBB	1096	1225	0.10%	0.011%
43	18.227	2639	2642	2644	rBB	3716	3886	0.33%	0.034%
44	18.362	2662	2665	2667	rBB	3428	2501	0.21%	0.022%
45	18.797	2735	2739	2748	rBV	224386	286913	24.41%	2.542%
46	18.862	2748	2750	2757	rVB3	6445	10590	0.90%	0.094%
47	19.080	2783	2787	2791	rBV	6196	7101	0.60%	0.063%
48	19.109	2791	2792	2795	rVB2	2030	1294	0.11%	0.011%
49	19.333	2827	2830	2834	rBV	4853	5671	0.48%	0.050%
50	19.368	2834	2836	2838	rVV	2399	2026	0.17%	0.018%
51	19.445	2843	2849	2858	rBV2	792022	1139968	97.01%	10.100%
52	19.574	2868	2871	2873	rBV	1224	1254	0.11%	0.011%
53	19.962	2934	2937	2939	rBV2	4223	5805	0.49%	0.051%
54	19.986	2939	2941	2944	rVB	4395	4771	0.41%	0.042%
55	20.127	2962	2965	2968	rBV	4879	3701	0.31%	0.033%
56	20.192	2973	2976	2981	rVB2	2021	2861	0.24%	0.025%
57	20.321	2991	2998	3002	rBV2	20739	27734	2.36%	0.246%
58	20.421	3013	3015	3017	rBV	2646	2756	0.23%	0.024%
59	20.444	3017	3019	3022	rVV	5982	5421	0.46%	0.048%
60	20.486	3022	3026	3030	rVB	3630	4352	0.37%	0.039%
61	20.597	3042	3045	3048	rVB2	1173	1260	0.11%	0.011%
62	20.639	3048	3052	3054	rBV	3329	2933	0.25%	0.026%
63	20.950	3099	3105	3114	rBV	97902	141536	12.04%	1.254%
64	21.121	3132	3134	3136	rBV2	3220	2242	0.19%	0.020%
65	21.156	3136	3140	3143	rVB	10136	10937	0.93%	0.097%
66	21.250	3150	3156	3168	rBV	487600	660401	56.20%	5.851%
67	21.391	3176	3180	3188	rBV5	4489	10351	0.88%	0.092%
68	21.821	3249	3253	3254	rBV3	5425	6545	0.56%	0.058%
69	22.274	3326	3330	3334	rBV2	8687	12251	1.04%	0.109%
70	22.397	3347	3351	3355	rBV	13598	15327	1.30%	0.136%
71	22.768	3405	3414	3419	rVB2	15508	30888	2.63%	0.274%

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Misc :
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Instrument : BNA_M
ClientSampleId : 0311-S22-0003

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

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Title : SVOA CALIBRATION

72	22.815	3419	3422	3426	rBV4	2854	4333	0.37%	0.038%
73	23.332	3502	3510	3523	rBV	624051	1175158	100.00%	10.412%
74	23.468	3526	3533	3547	rVB2	316121	612157	52.09%	5.424%
75	23.950	3610	3615	3621	rVB	22734	41109	3.50%	0.364%
76	24.038	3625	3630	3640	rBV3	5417	12877	1.10%	0.114%
77	24.674	3733	3738	3746	rVB2	15945	34221	2.91%	0.303%
78	25.526	3877	3883	3893	rVB2	13765	33471	2.85%	0.297%
79	26.532	4048	4054	4062	rVB3	8979	25021	2.13%	0.222%

Sum of corrected areas: 11286579

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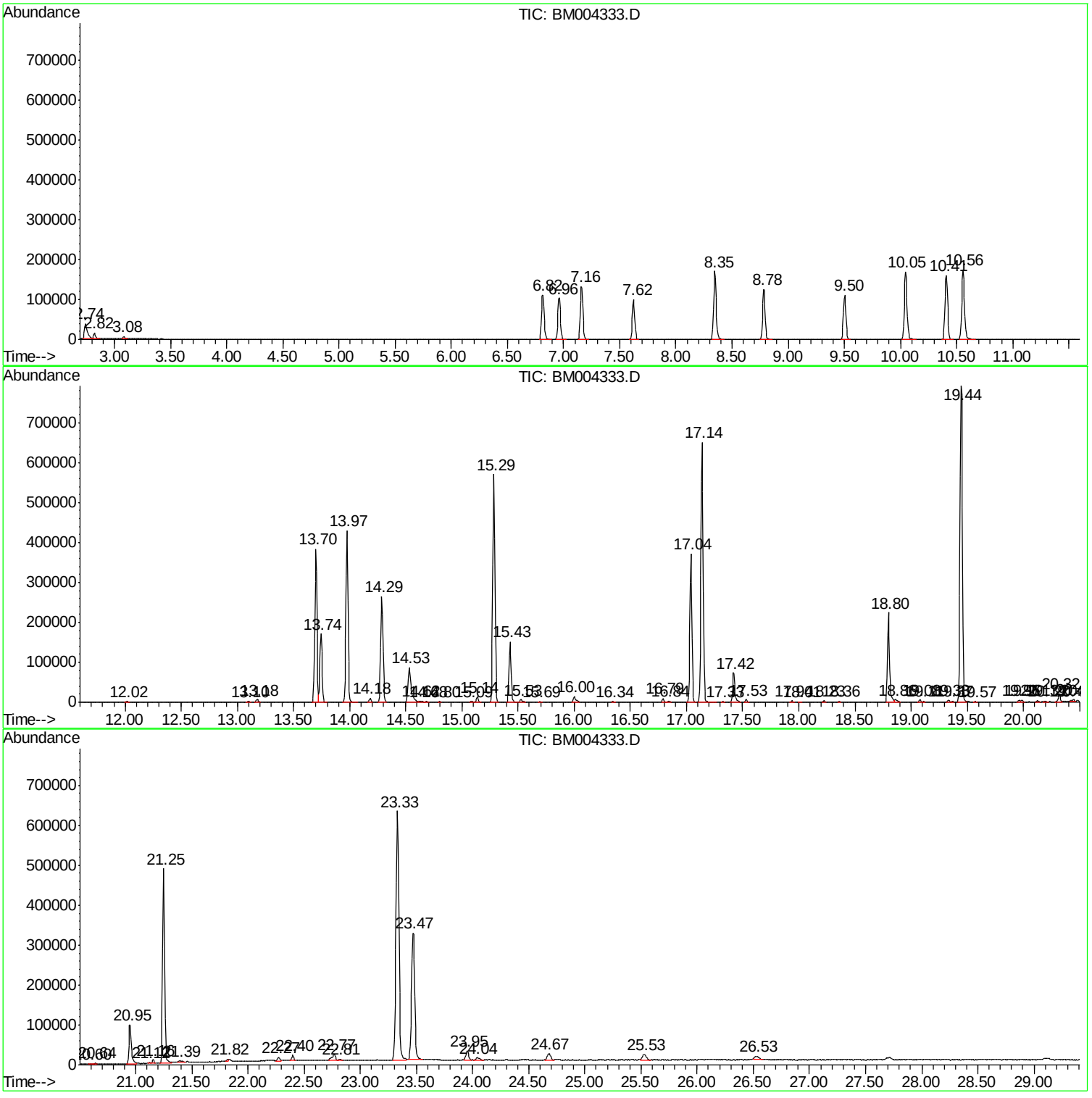
Instrument :
BNA_M
ClientSampleId :
0311-S22-0003

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

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



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Acq On : 23 Feb 2016 04:20
Operator : SJ/UM
Sample : H1499-17
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Instrument : BNA_M
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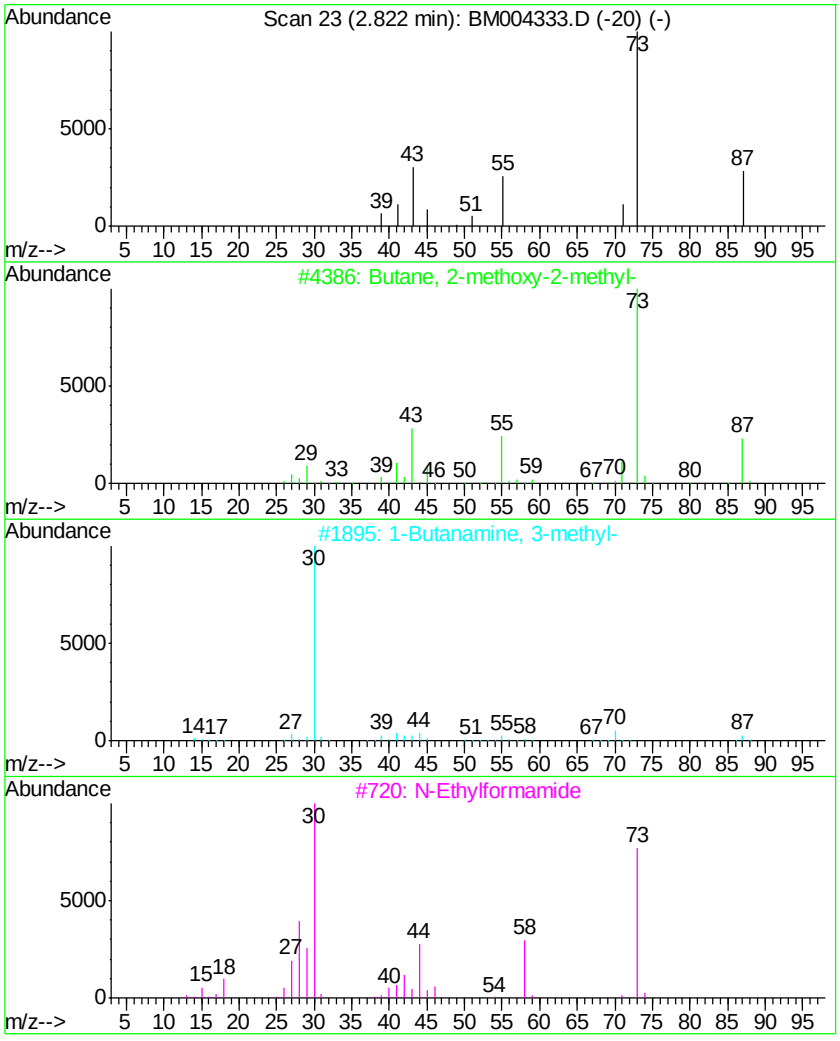
TIC Integration Parameters: LSCINT.P

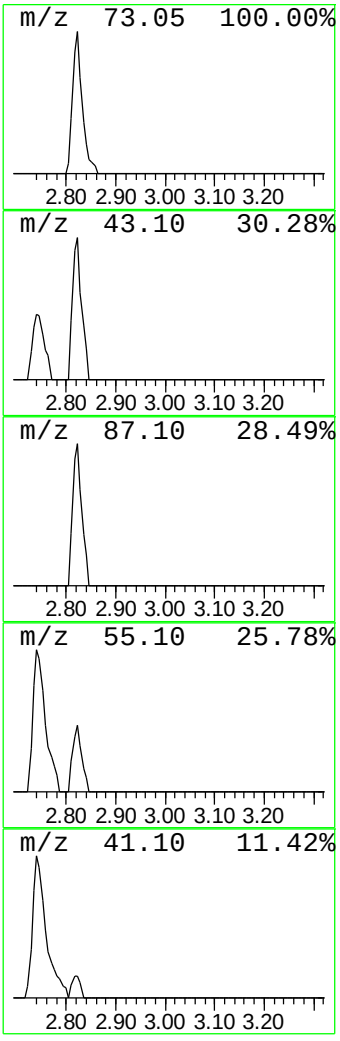
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	2.31 ng/ul	17831	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
3	N-Ethylformamide	73	C3H7NO	000627-45-2	4
4	Isobutylamine	73	C4H11N	000078-81-9	4
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	4





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004333.D
Acq On : 23 Feb 2016 04:20
Operator : SJ/UM
Sample : H1499-17
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

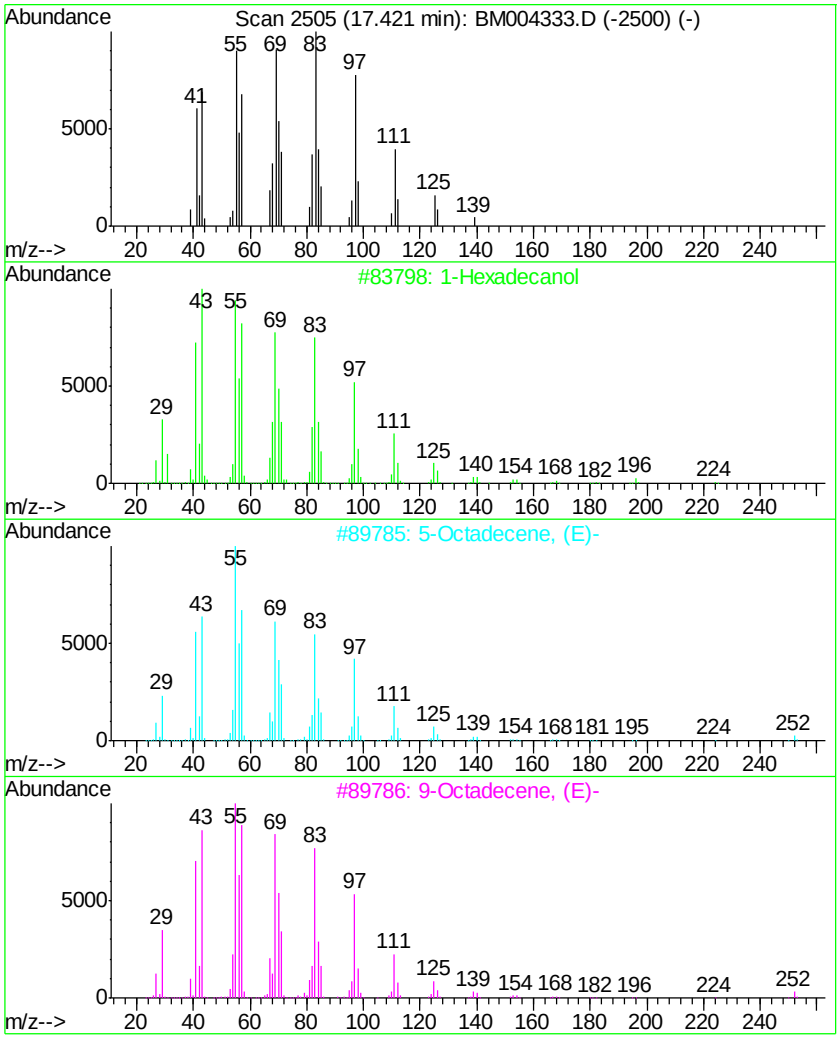
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

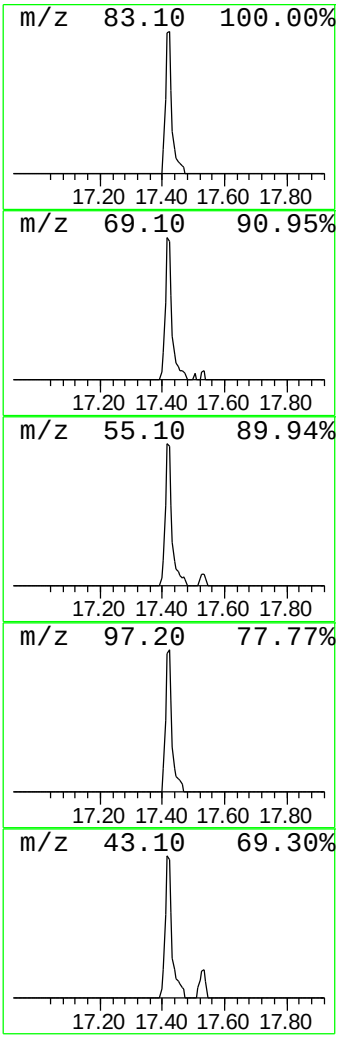
****

Peak Number 3 1-Hexadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	4.09 ng/ul	103607	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	91
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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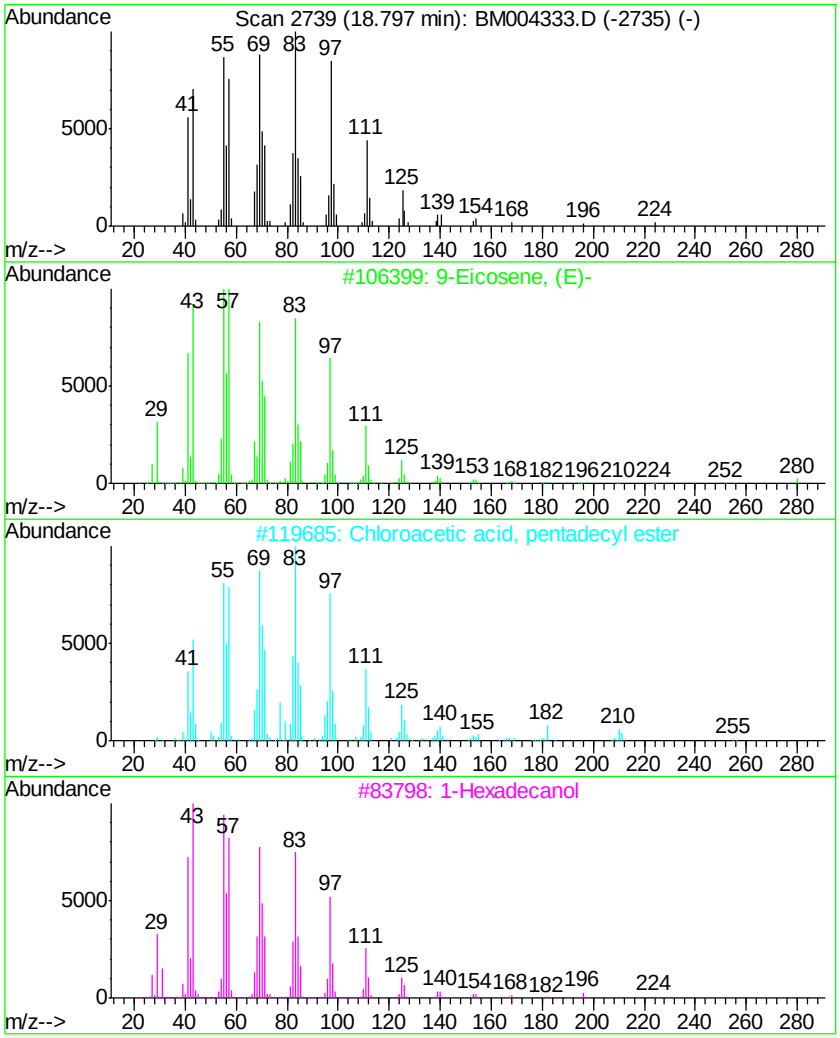
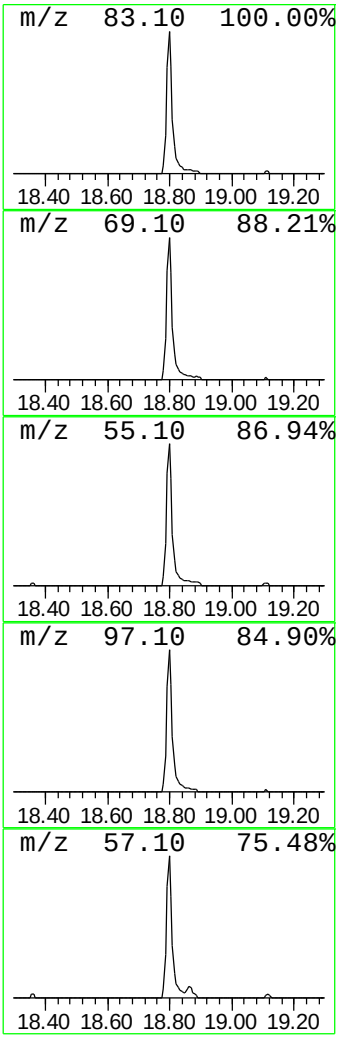
****

Peak Number 4 (DEL) Alkane: Cyclic18.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	11.32 ng/ul	286913	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
2	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Quant Title : SVOA CALIBRATION

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

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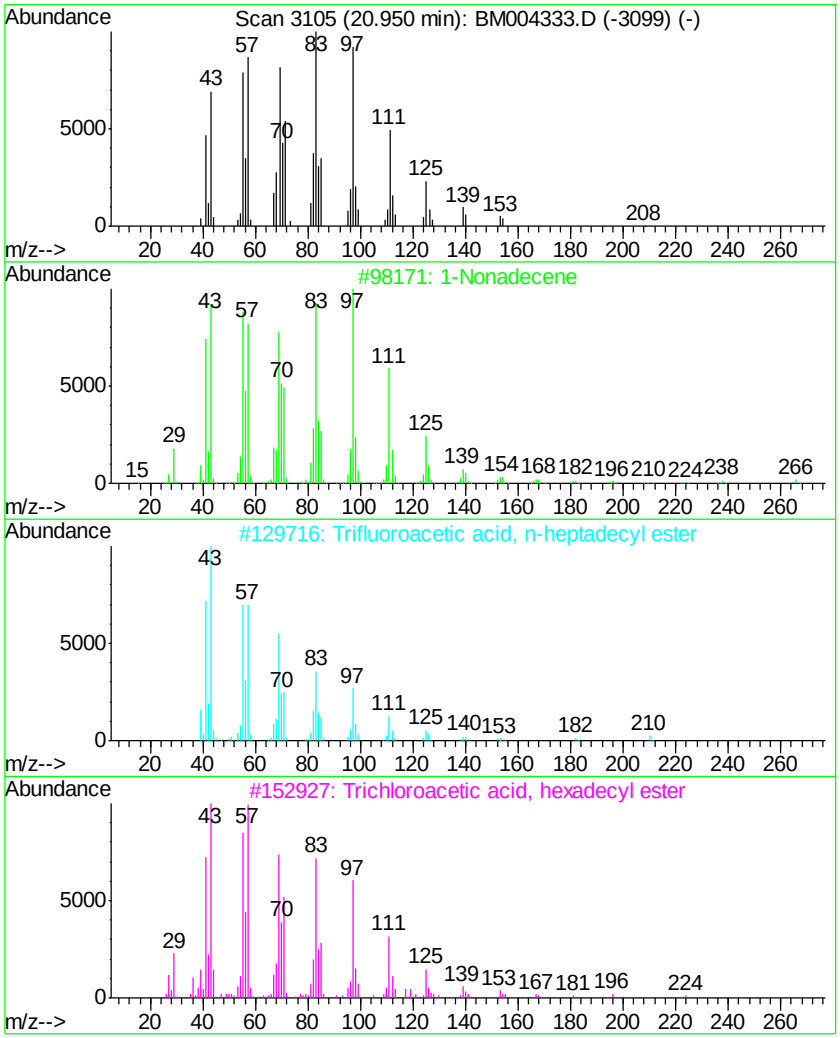
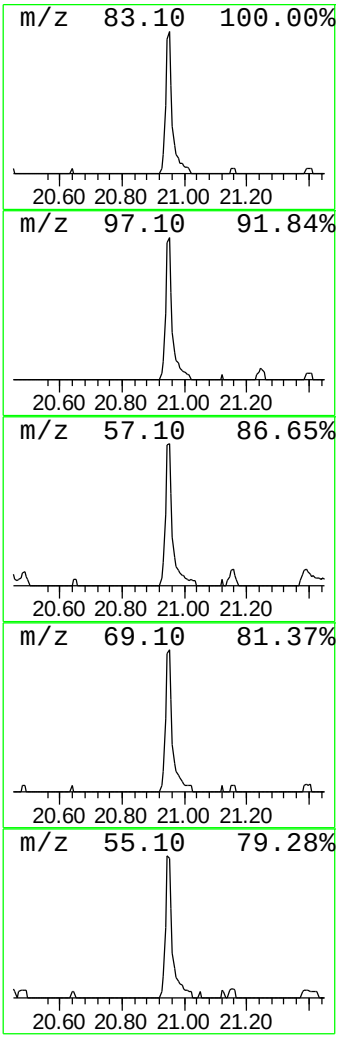
Peak Number 5 (DEL) Alkane: Cyclic20.95 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	4.29 ng/ul	141536	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Butane, 2-methoxy...	2.82	2.3	ng/ul	17831	1	7.62	154305	20.0
1-Hexadecanol	17.42	4.1	ng/ul	103607	4	17.04	506939	20.0
(DEL) Alkane: Cyc...	18.80	11.3	ng/ul	286913	4	17.04	506939	20.0
(DEL) Alkane: Cyc...	20.95	4.3	ng/ul	141536	5	21.25	660401	20.0