LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029429.D
Acq On : 09 Apr 2021 13:43
Operator : CG/JU
Sample : M1881-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH1

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-BM040721MA.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	2.934	3	8	28	rVB	4080956	5091965	100.00%	21.074%
2	3.193	49	52	58	rVB	19704	26617	0.52%	0.110%
3	3.610	120	123	130	rVB4	8368	10163	0.20%	0.042%
4	3.704	135	139	147	rVV	42484	56183	1.10%	0.233%
5	3.781	149	152	155	rVV2	6695	8612	0.17%	0.036%
6	3.828	156	160	167	rVV	31003	48336	0.95%	0.200%
7	3.916	171	175	179	rVB3	10689	14768	0.29%	0.061%
8	4.293	235	239	243	rBV6	3894	5952	0.12%	0.025%
9	4.463	265	268	275	rVB7	5417	9411	0.18%	0.039%
10	4.822	326	329	338	rBV2	25699	47129	0.93%	0.195%
11	4.946	347	350	359	rVB8	3833	7569	0.15%	0.031%
12	5.722	478	482	488	rVB7	4787	6779	0.13%	0.028%
13	6.857	669	675	686	rBV	347048	579303	11.38%	2.398%
14	7.028	698	704	716	rBV	244953	406256	7.98%	1.681%
15	7.222	730	737	747	rBV	363217	581222	11.41%	2.406%
16	7.322	749	754	761	rVB9	7190	14955	0.29%	0.062%
17	7.687	809	816	824	rBV	420396	645940	12.69%	2.673%
18	7.763	825	829	835	rVB5	5925	8208	0.16%	0.034%
19	8.387	928	935	948	rBV	333854	556125	10.92%	2.302%
20	8.510	952	956	964	rVB4	6559	12265	0.24%	0.051%
21	8.839	1004	1012	1021	rBV	298586	506201	9.94%	2.095%
22	9.004	1038	1040	1049	rVB6	3339	6516	0.13%	0.027%
23	9.275	1080	1086	1089	rBV2	5664	8198	0.16%	0.034%
24	9.404	1103	1108	1115	rVB2	8522	15355	0.30%	0.064%
25	9.557	1125	1134	1141	rBV	240132	412416	8.10%	1.707%
26	10.086	1217	1224	1238	rBV	353664	619380	12.16%	2.563%
27	10.469	1281	1289	1296	rBV	496848	832388	16.35%	3.445%
28	10.604	1305	1312	1331	rBV	232603	430470	8.45%	1.782%
29	12.063	1555	1560	1565	rVB6	5327	8835	0.17%	0.037%
30	13.157	1741	1746	1751	rBV3	7045	12143	0.24%	0.050%
31	13.227	1753	1758	1763	rBV	25339	40575	0.80%	0.168%
32	13.733	1838	1844	1849	rBV	555351	778793	15.29%	3.223%
33	13.780	1849	1852	1863	rVB	58194	89010	1.75%	0.368%
34	14.010	1882	1891	1903	rBV	608187	950933	18.68%	3.936%

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Misc :
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Instrument : BNA_M
ClientSampleId : ESQH1

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-BM040721MA.M
Title : SVOA CALIBRATION

35	14.233	1925	1929	1934	rBV5	6619	8425	0.17%	0.035%
36	14.321	1936	1944	1951	rVV	656612	935685	18.38%	3.873%
37	14.380	1951	1954	1962	rVB7	5526	9956	0.20%	0.041%
38	14.521	1972	1978	1992	rBV	160514	280555	5.51%	1.161%
39	14.686	2002	2006	2009	rVB5	5069	6128	0.12%	0.025%
40	14.745	2009	2016	2021	rVB7	16727	27559	0.54%	0.114%
41	15.151	2076	2085	2088	rBV5	8123	14963	0.29%	0.062%
42	15.186	2088	2091	2095	rVB2	6103	7334	0.14%	0.030%
43	15.316	2106	2113	2120	rBV	793795	1102045	21.64%	4.561%
44	15.368	2120	2122	2127	rVB4	5735	8069	0.16%	0.033%
45	15.433	2127	2133	2141	rBV	181542	260566	5.12%	1.078%
46	15.557	2149	2154	2158	rBV4	7157	11974	0.24%	0.050%
47	15.880	2206	2209	2215	rBV7	3808	7018	0.14%	0.029%
48	15.998	2222	2229	2233	rBV8	3287	6039	0.12%	0.025%
49	16.045	2233	2237	2240	rBV3	9507	15136	0.30%	0.063%
50	16.074	2240	2242	2245	rVV4	7344	9644	0.19%	0.040%
51	16.098	2245	2246	2251	rVB5	5748	6468	0.13%	0.027%
52	16.310	2276	2282	2286	rBV3	7607	12227	0.24%	0.051%
53	16.374	2288	2293	2298	rVV	40532	53613	1.05%	0.222%
54	16.839	2370	2372	2377	rVB6	8897	8481	0.17%	0.035%
55	16.886	2377	2380	2385	rVB5	7602	11729	0.23%	0.049%
56	16.980	2389	2396	2398	rBV7	3575	7298	0.14%	0.030%
57	17.062	2402	2410	2414	rBV	707096	973530	19.12%	4.029%
58	17.104	2414	2417	2421	rVV	88012	114509	2.25%	0.474%
59	17.162	2421	2427	2439	rVB2	761514	1146200	22.51%	4.744%
60	17.262	2439	2444	2449	rBV7	5907	9209	0.18%	0.038%
61	17.368	2458	2462	2469	rBV9	4834	13105	0.26%	0.054%
62	17.462	2475	2478	2481	rVV4	6146	8916	0.18%	0.037%
63	17.574	2494	2497	2501	rBV4	9608	12324	0.24%	0.051%
64	17.633	2505	2507	2512	rBV6	3676	5743	0.11%	0.024%
65	17.933	2555	2558	2559	rBV2	12470	13035	0.26%	0.054%
66	17.962	2559	2563	2572	rVB2	78397	135165	2.65%	0.559%
67	18.127	2587	2591	2595	rBV4	14766	24187	0.48%	0.100%
68	18.262	2610	2614	2620	rBV6	14196	27845	0.55%	0.115%
69	18.398	2635	2637	2640	rVB4	7569	6429	0.13%	0.027%
70	18.439	2641	2644	2648	rBV3	7204	9983	0.20%	0.041%
71	18.733	2690	2694	2697	rBV2	21415	27162	0.53%	0.112%

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Instrument : BNA_M
ClientSampleId : ESQH1

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

72	18.898	2720	2722	2727	rBV5	14627	19560	0.38%	0.081%
73	19.121	2755	2760	2768	rVB	166745	238699	4.69%	0.988%
74	19.245	2778	2781	2783	rBV2	30265	36091	0.71%	0.149%
75	19.451	2811	2816	2826	rBV2	936097	1473108	28.93%	6.097%
76	20.968	3070	3074	3084	rBV2	236283	380784	7.48%	1.576%
77	21.168	3104	3108	3111	rBV	316881	346507	6.80%	1.434%
78	21.239	3115	3120	3124	rBV	789248	1039648	20.42%	4.303%
79	21.509	3162	3166	3170	rBV	215332	251077	4.93%	1.039%
80	23.309	3466	3472	3477	rBV	656311	1178847	23.15%	4.879%
81	23.450	3490	3496	3502	rVB	550018	1010650	19.85%	4.183%

Sum of corrected areas: 24162196

LSC Report - Integrated Chromatogram

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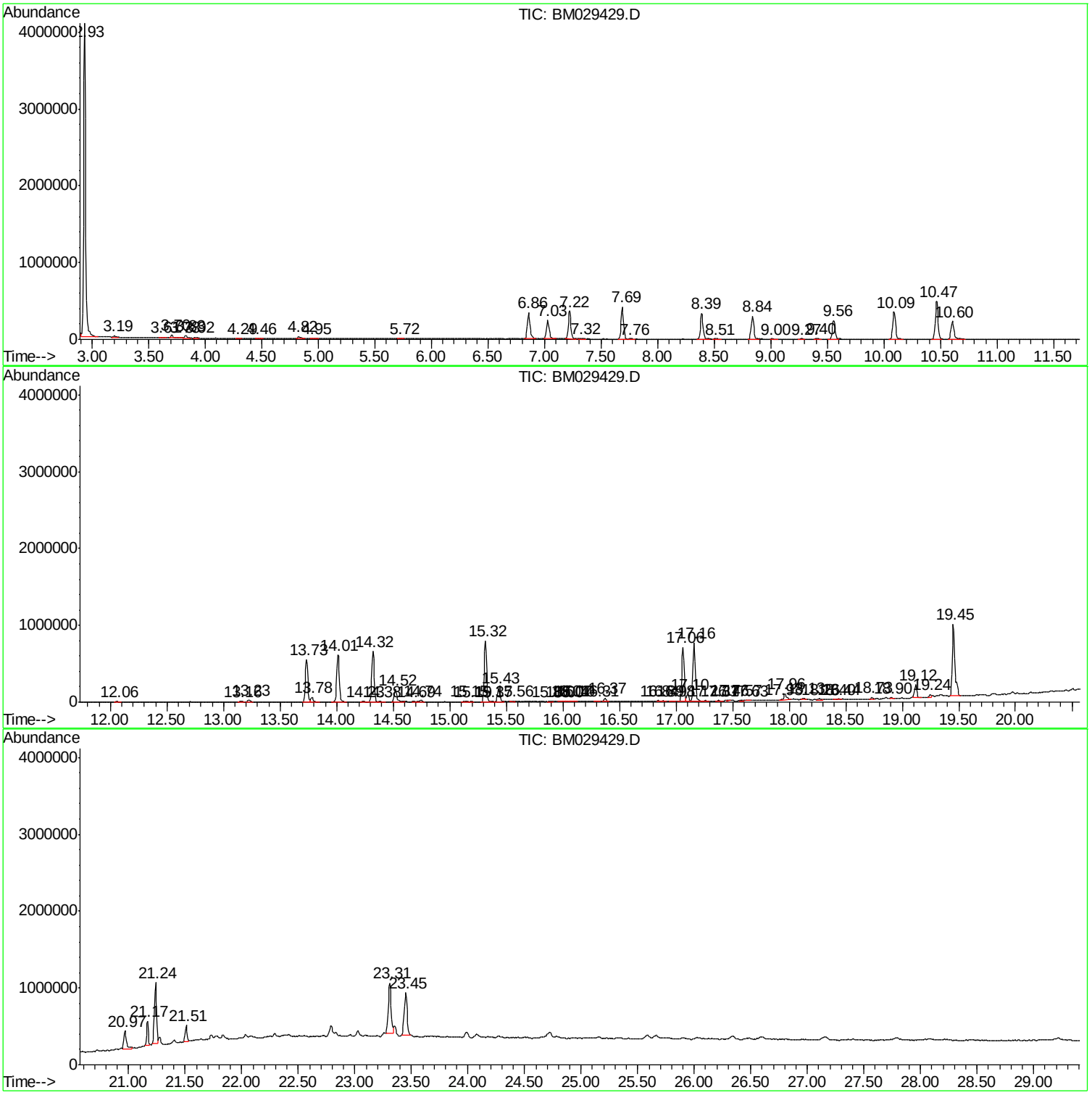
Sample : M1881-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029429.D
Acq On : 09 Apr 2021 13:43
Operator : CG/JU
Sample : M1881-23
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESQH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

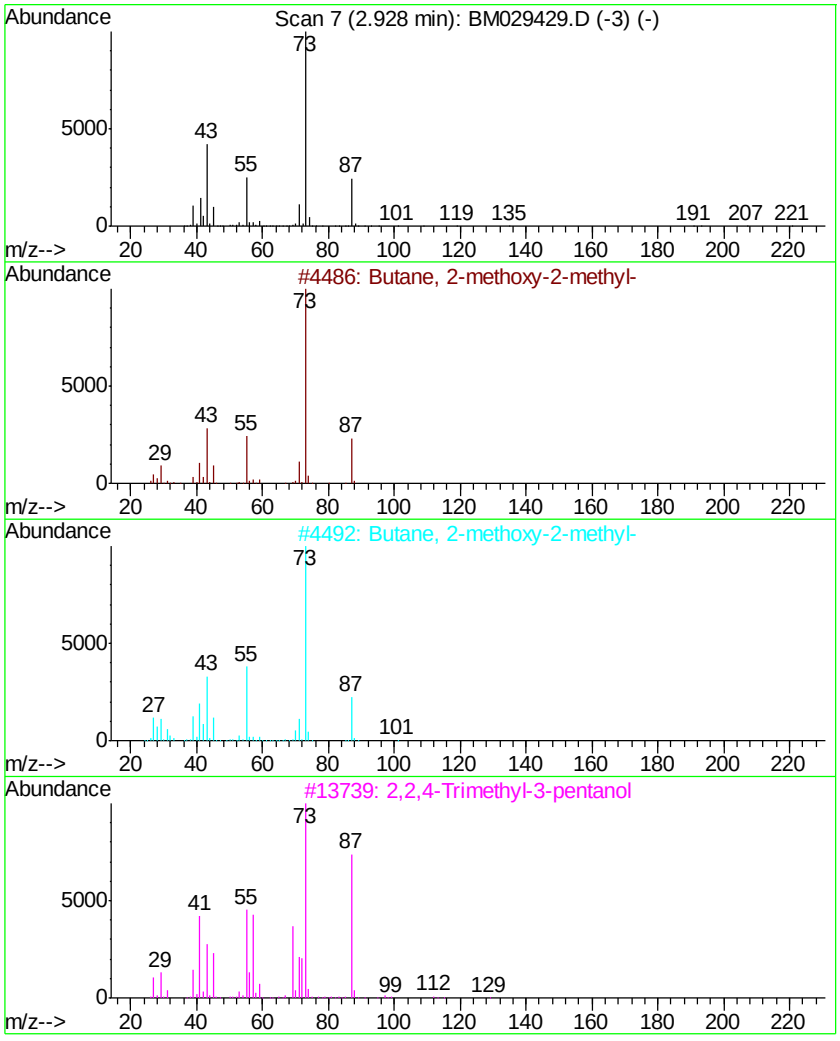
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

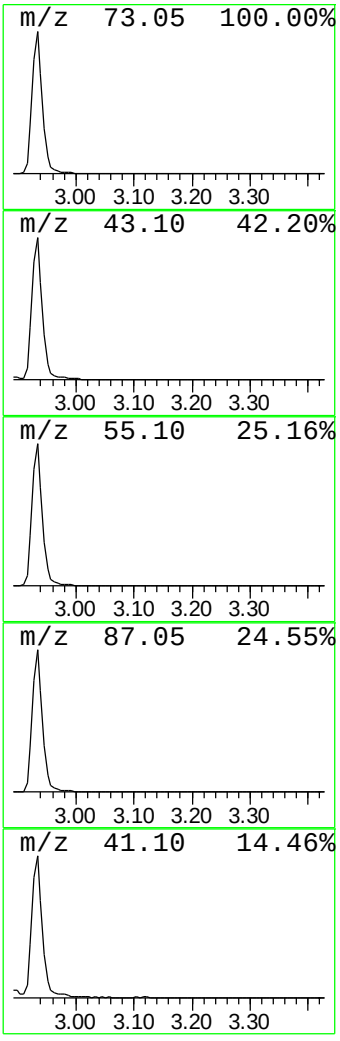
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	157.66 ng/ul	5091970	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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Instrument : BNA_M
ClientSampleId : ESQH1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

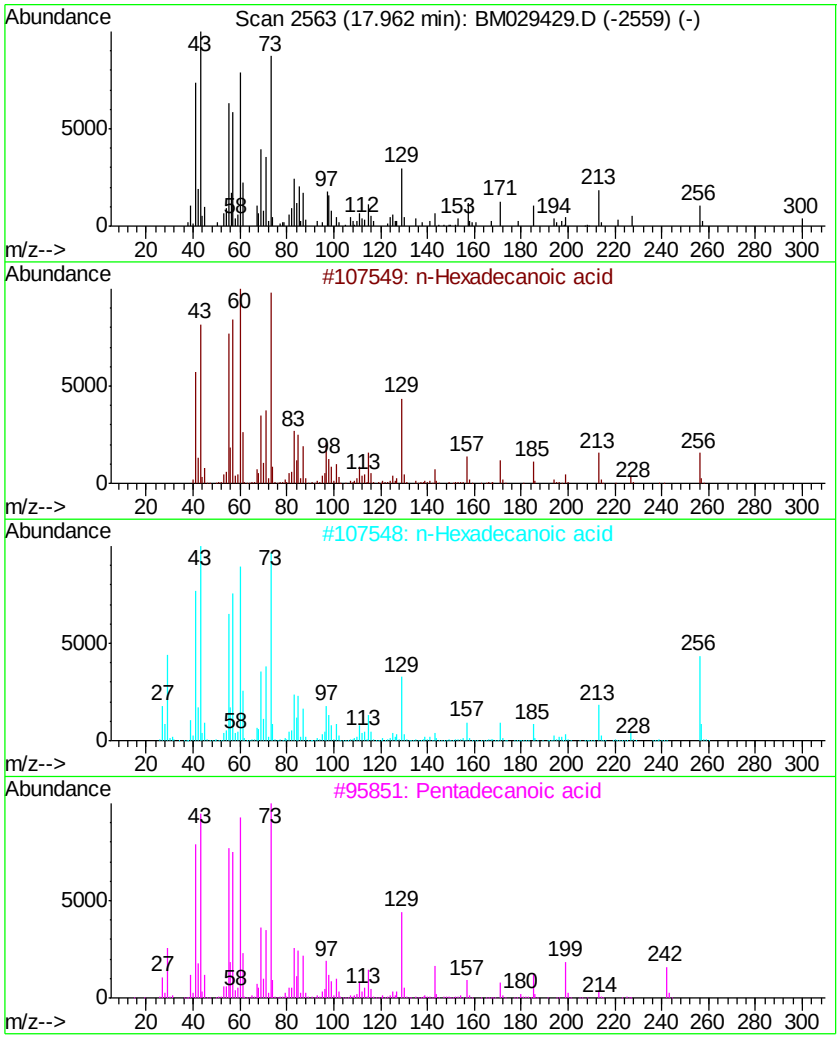
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

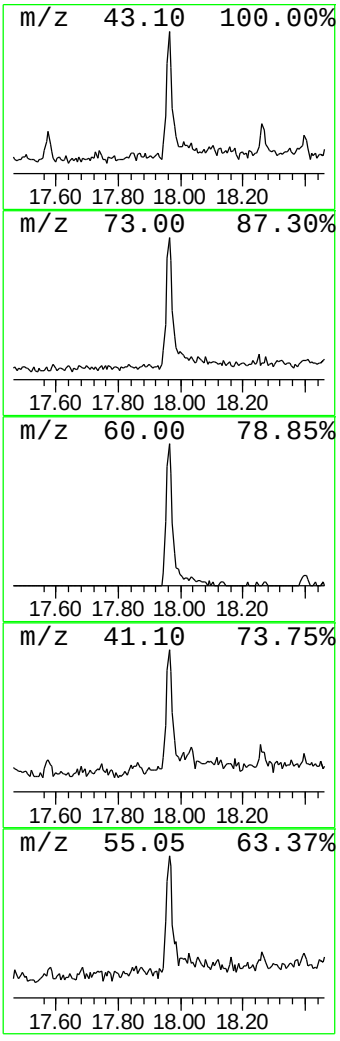
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.78 ng/ul	135165	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

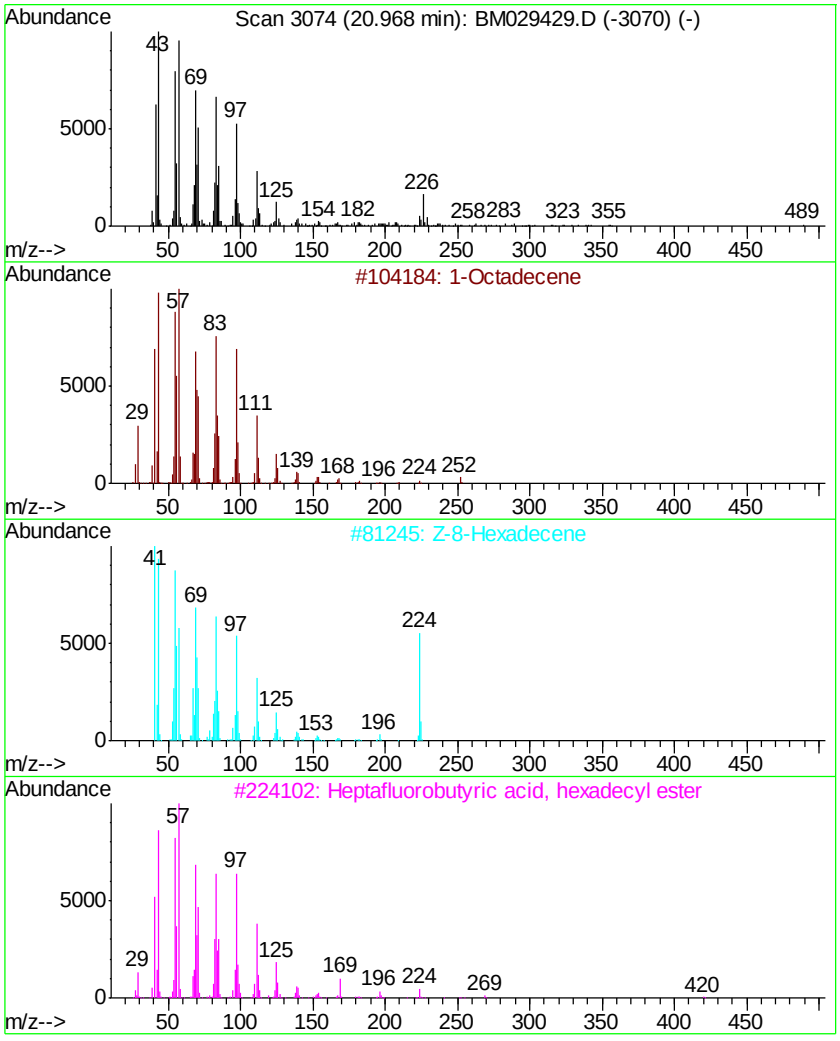
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

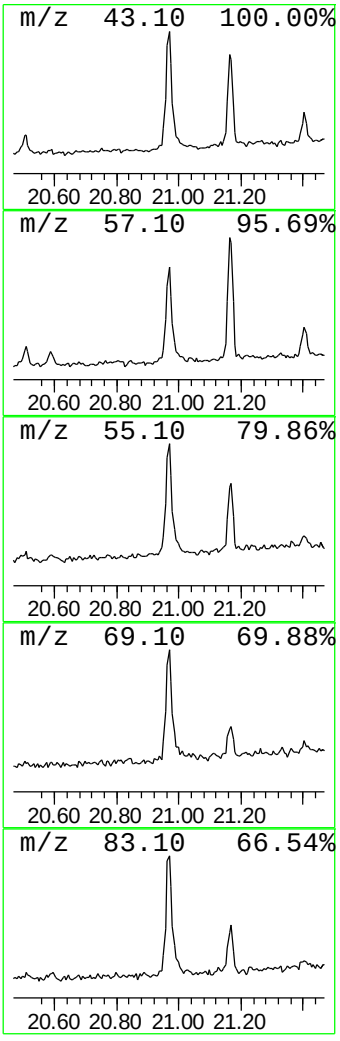
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	7.33 ng/ul	380784	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	93
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





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Quant Title : SVOA CALIBRATION

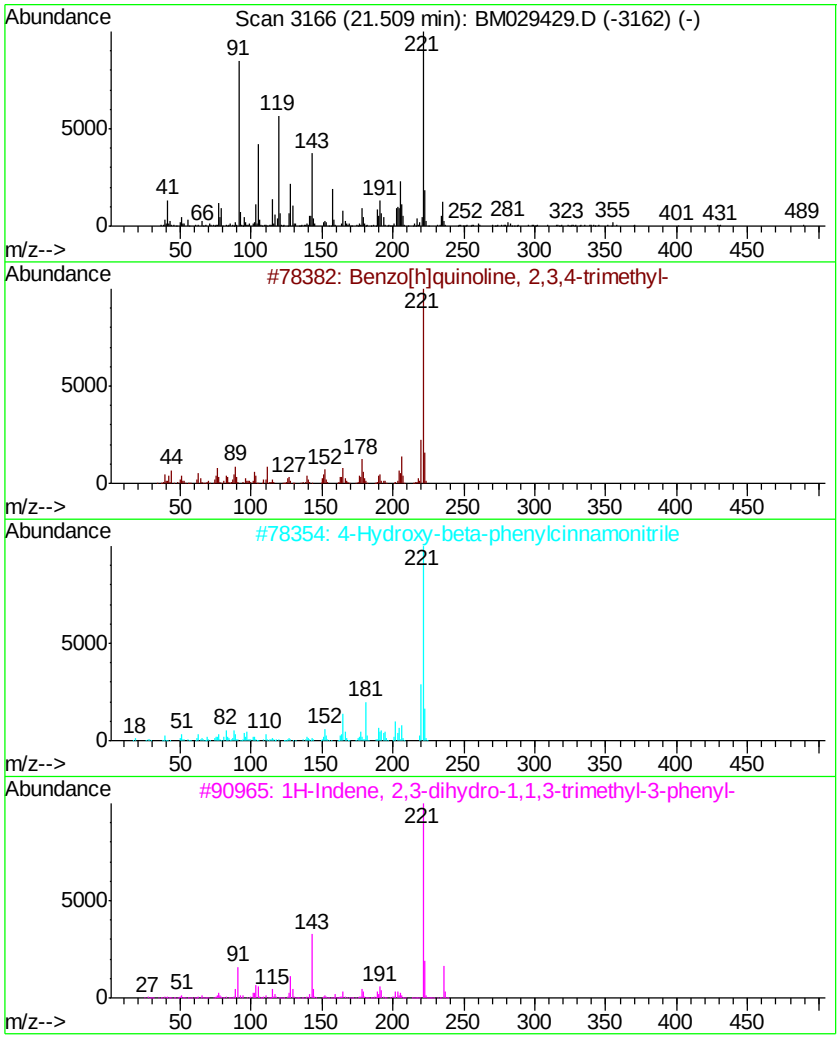
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

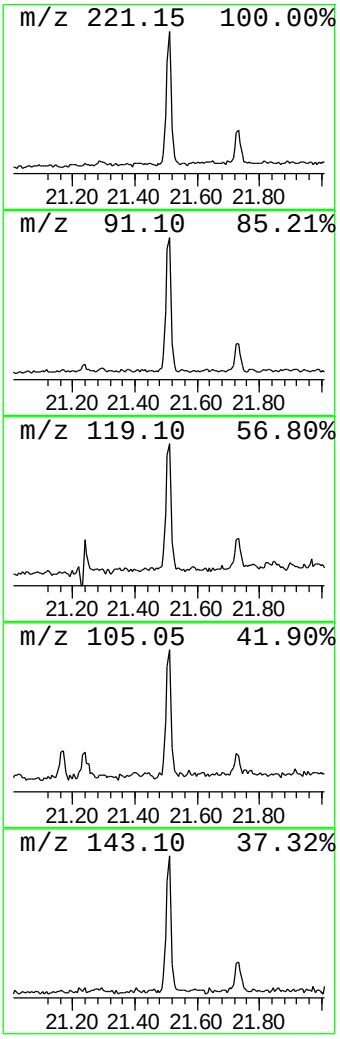
****

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	4.83 ng/ul	251077	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	38
2	4-Hydroxy-beta-phenylcinnamonitrile	221	C15H11NO	016281-90-6	38
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	37
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	37
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	32





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.93	157.7	ng/ul	5091970	1	7.69	645940	20.0
n-Hexadecanoic acid	17.96	2.8	ng/ul	135165	4	17.06	973530	20.0
(DEL) Alkane: Str...	20.97	7.3	ng/ul	380784	5	21.24	1039650	20.0
unknown-01	21.51	4.8	ng/ul	251077	5	21.24	1039650	20.0