LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023276.D
Acq On : 19 Oct 2019 03:21
Operator : JU
Sample : K5345-19
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL3

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-BM101419MA.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	3.169	27	31	42	rVB	340838	456141	1.38%	0.171%
2	3.440	74	77	87	rBV	90173	147087	0.45%	0.055%
3	3.810	135	140	144	rVB4	26994	42682	0.13%	0.016%
4	5.775	470	474	480	rBV2	20250	35718	0.11%	0.013%
5	6.334	564	569	581	rVB6	25831	64025	0.19%	0.024%
6	6.828	645	653	669	rBV	5043779	9008213	27.28%	3.376%
7	6.992	674	681	695	rBV	3830197	5937802	17.98%	2.225%
8	7.192	706	715	731	rVB	5209015	8420739	25.50%	3.156%
9	7.651	786	793	801	rBV	1412078	2228103	6.75%	0.835%
10	7.734	801	807	812	rBV2	31004	47801	0.14%	0.018%
11	8.363	906	914	927	rBV	6214011	9960322	30.17%	3.733%
12	8.804	980	989	999	rBV	4660562	7801408	23.63%	2.924%
13	9.280	1063	1070	1078	rVB	84641	132828	0.40%	0.050%
14	9.522	1101	1111	1121	rBV	4017099	6592793	19.97%	2.471%
15	10.057	1193	1202	1211	rBV	6496503	10646275	32.24%	3.990%
16	10.433	1257	1266	1274	rBV	1839379	3046146	9.23%	1.142%
17	10.569	1281	1289	1304	rBV	5992633	10044452	30.42%	3.765%
18	11.974	1521	1528	1533	rBV	238876	398262	1.21%	0.149%
19	12.027	1533	1537	1546	rVB	115079	194055	0.59%	0.073%
20	13.151	1723	1728	1733	rVB4	24049	35527	0.11%	0.013%
21	13.221	1733	1740	1744	rBV5	24003	36014	0.11%	0.013%
22	13.298	1749	1753	1759	rVB	43632	61307	0.19%	0.023%
23	13.721	1817	1825	1829	rBV	10111022	14560811	44.10%	5.457%
24	13.763	1829	1832	1839	rVB	2887622	3736267	11.32%	1.400%
25	13.992	1858	1871	1882	rBV	12526874	18419872	55.79%	6.904%
26	14.233	1905	1912	1917	rBV3	27131	47775	0.14%	0.018%
27	14.298	1917	1923	1933	rVV2	2775027	4057022	12.29%	1.521%
28	14.504	1949	1958	1977	rBV	4973032	7609227	23.05%	2.852%
29	14.727	1990	1996	2002	rVB5	86823	143009	0.43%	0.054%
30	15.186	2071	2074	2079	rVB	44094	53078	0.16%	0.020%
31	15.298	2085	2093	2103	rBV	15610851	22062326	66.82%	8.269%
32	15.415	2106	2113	2126	rVV	4595783	6200252	18.78%	2.324%
33	15.539	2128	2134	2139	rVV	188173	307929	0.93%	0.115%
34	15.598	2139	2144	2148	rVB4	26411	46806	0.14%	0.018%

LSC Area Percent Report

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Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL3

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-BM101419MA.M
Title : SVOA CALIBRATION

35	15.992	2207	2211	2217	rBV4	34860	57565	0.17%	0.022%
36	16.051	2217	2221	2223	rVV	39928	58396	0.18%	0.022%
37	16.080	2223	2226	2233	rVB3	114319	165951	0.50%	0.062%
38	16.727	2331	2336	2341	rBV3	44226	68029	0.21%	0.025%
39	16.845	2351	2356	2362	rBV2	48197	70966	0.21%	0.027%
40	16.898	2362	2365	2369	rVB3	26878	33120	0.10%	0.012%
41	17.045	2383	2390	2397	rBV2	3480272	4841087	14.66%	1.814%
42	17.145	2400	2407	2418	rVV	17480057	24171562	73.21%	9.059%
43	17.245	2420	2424	2427	rVV4	50024	71972	0.22%	0.027%
44	17.286	2427	2431	2440	rVB5	37895	77173	0.23%	0.029%
45	17.456	2456	2460	2464	rVB3	52197	67235	0.20%	0.025%
46	17.580	2477	2481	2487	rBV2	52648	68849	0.21%	0.026%
47	17.968	2542	2547	2555	rBV2	210181	326722	0.99%	0.122%
48	18.274	2595	2599	2604	rVB2	80282	111418	0.34%	0.042%
49	18.909	2704	2707	2712	rBV	86926	103040	0.31%	0.039%
50	19.074	2730	2735	2742	rBV	238295	337778	1.02%	0.127%
51	19.250	2763	2765	2769	rVB5	32141	34637	0.10%	0.013%
52	19.327	2773	2778	2783	rVB	189036	264550	0.80%	0.099%
53	19.445	2791	2798	2804	rBV	21491848	29081221	88.07%	10.899%
54	19.492	2804	2806	2809	rVV	132085	138777	0.42%	0.052%
55	19.527	2809	2812	2816	rVB	87960	94317	0.29%	0.035%
56	20.027	2894	2897	2903	rBV	219912	227977	0.69%	0.085%
57	20.527	2978	2982	2985	rBV	320752	348750	1.06%	0.131%
58	20.927	3046	3050	3054	rVB	195467	281134	0.85%	0.105%
59	20.980	3055	3059	3063	rVV2	1435060	1977154	5.99%	0.741%
60	21.027	3063	3067	3073	rVB	1178016	1350438	4.09%	0.506%
61	21.233	3097	3102	3107	rBV	4901192	6068927	18.38%	2.275%
62	21.421	3131	3134	3139	rBV	692245	784324	2.38%	0.294%
63	21.856	3205	3208	3216	rVB	706858	855850	2.59%	0.321%
64	22.315	3283	3286	3293	rVB	706662	949307	2.88%	0.356%
65	22.821	3369	3372	3378	rVB	645319	884363	2.68%	0.331%
66	23.309	3447	3455	3463	rVB	17909456	33018967	100.00%	12.375%
67	23.391	3465	3469	3471	rVV	596398	897200	2.72%	0.336%
68	23.438	3472	3477	3486	rVB2	3522964	6345068	19.22%	2.378%

Sum of corrected areas: 266815898

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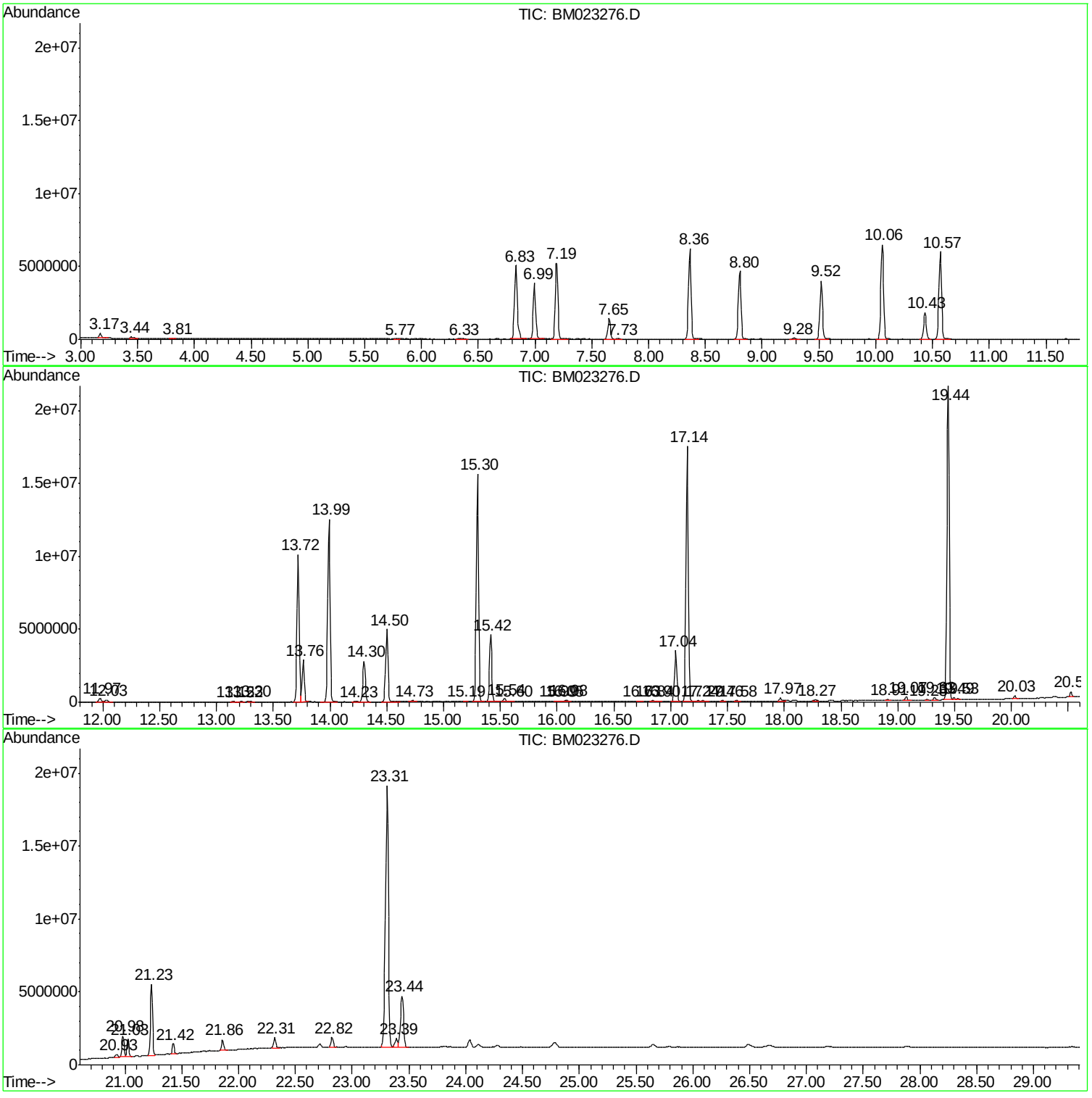
Instrument :
BNA_M
ClientSampleId :
ETOL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

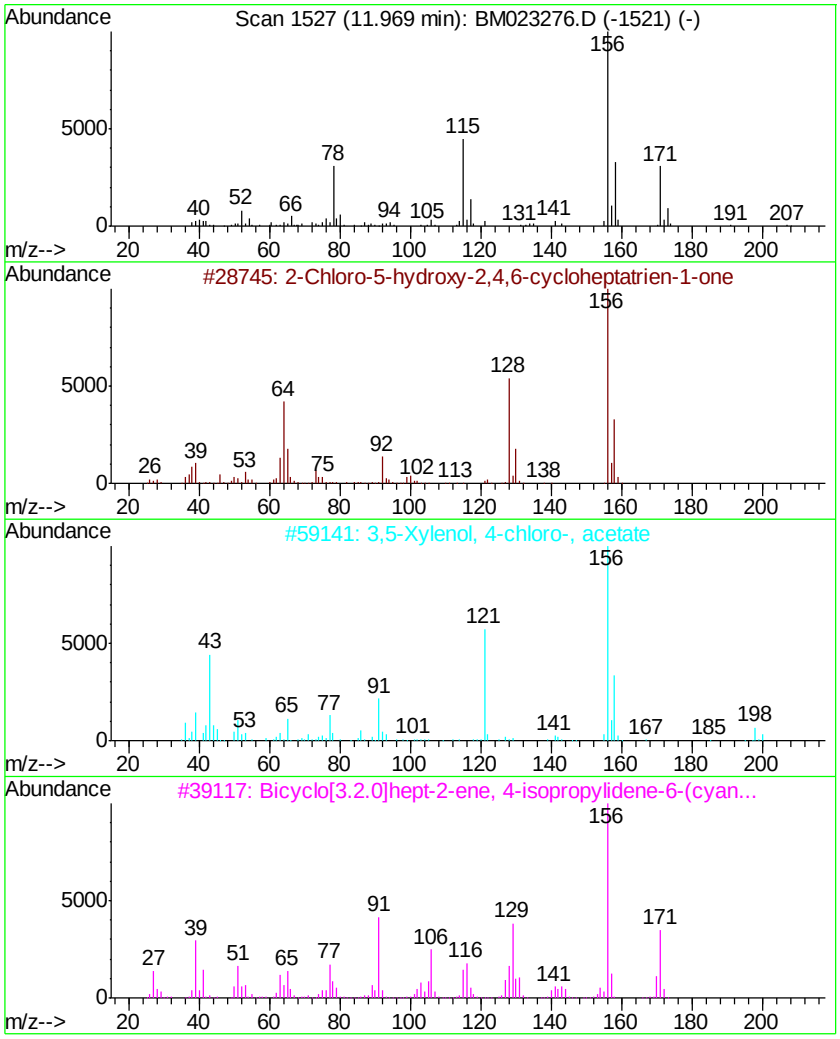
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

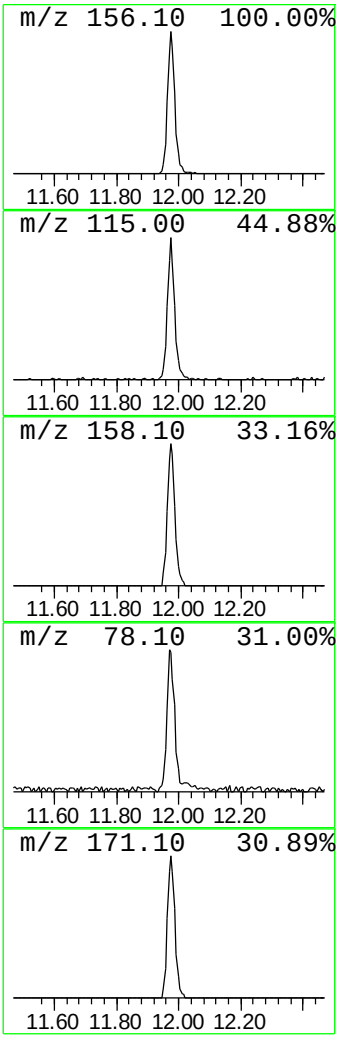
****

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.61 ng/ul	398262	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
2	3,5-Xylenol, 4-chloro-, acetate	198	C10H11ClO2	022012-58-4	38
3	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32
4	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	28





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Sample : K5345-19
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL3

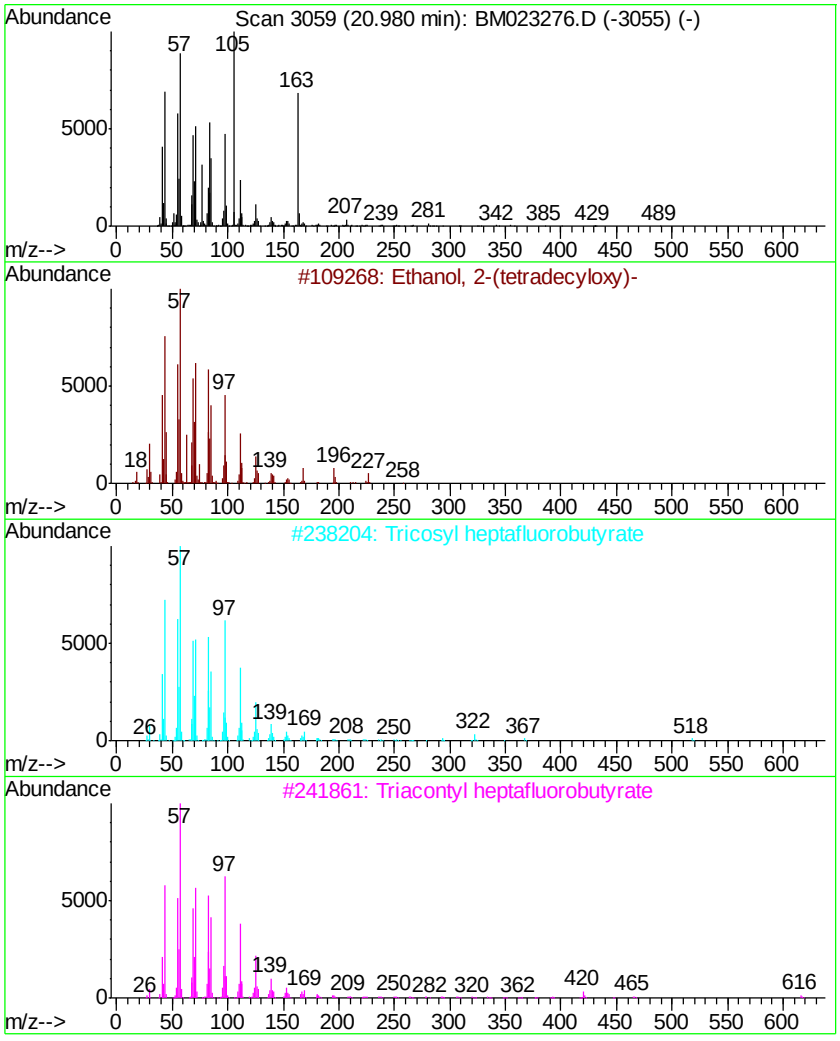
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

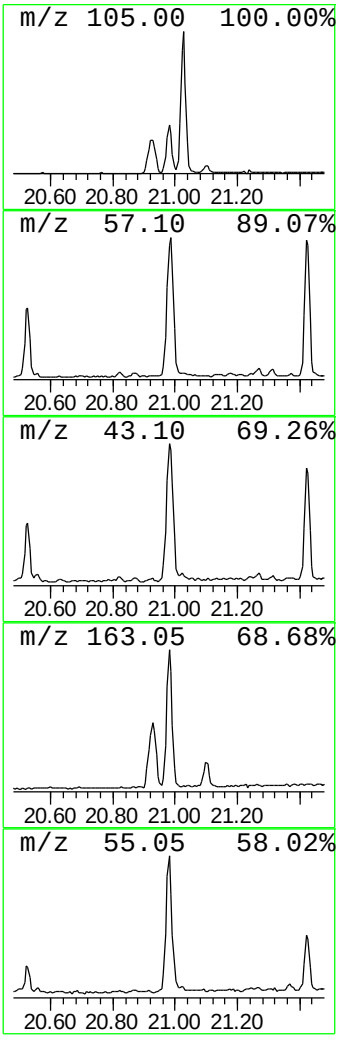
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	6.52 ng/ul	1977150	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
2	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	76
3	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	68
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	64
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	60





Library Search Compound Report

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Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

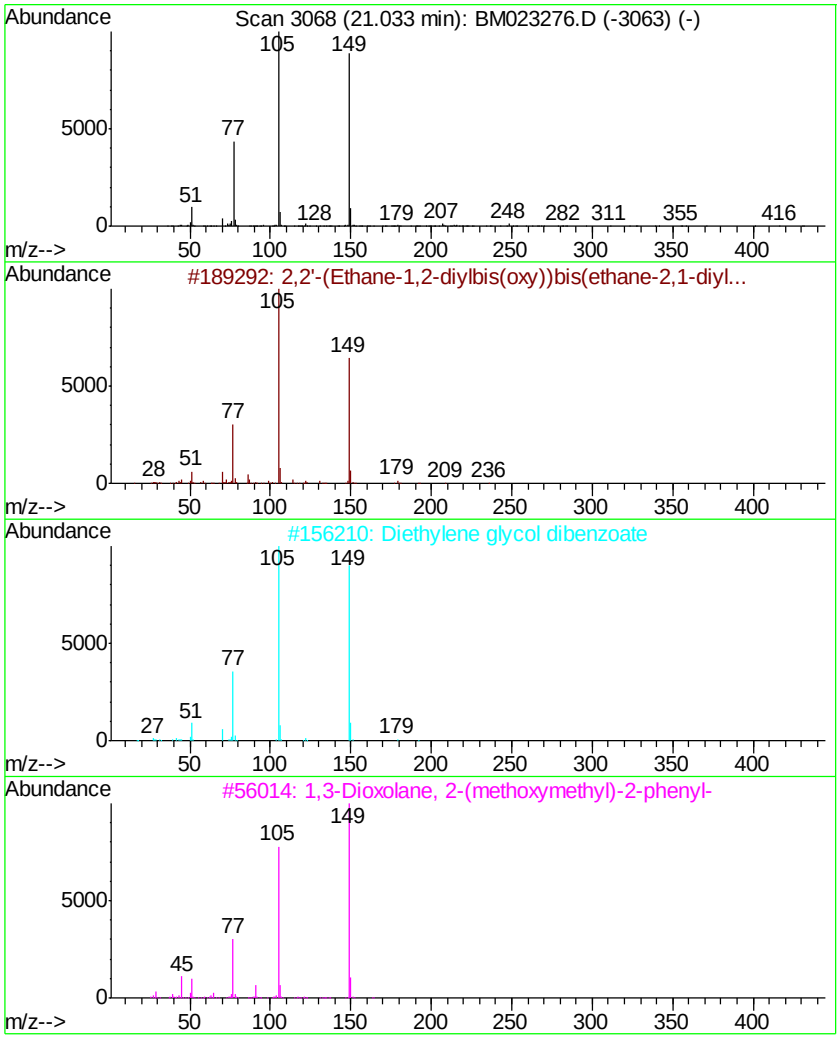
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

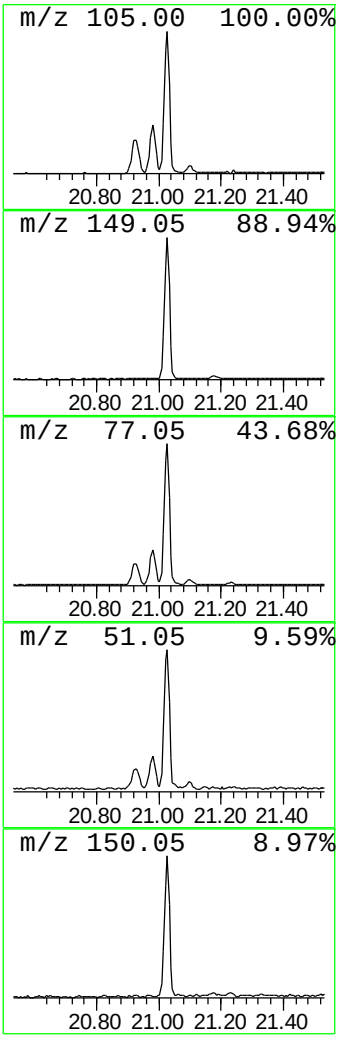
****

Peak Number 3 2,2'-(Ethane-1,2-diylbis(ox... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	4.45 ng/ul	1350440	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
3	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
5	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	43





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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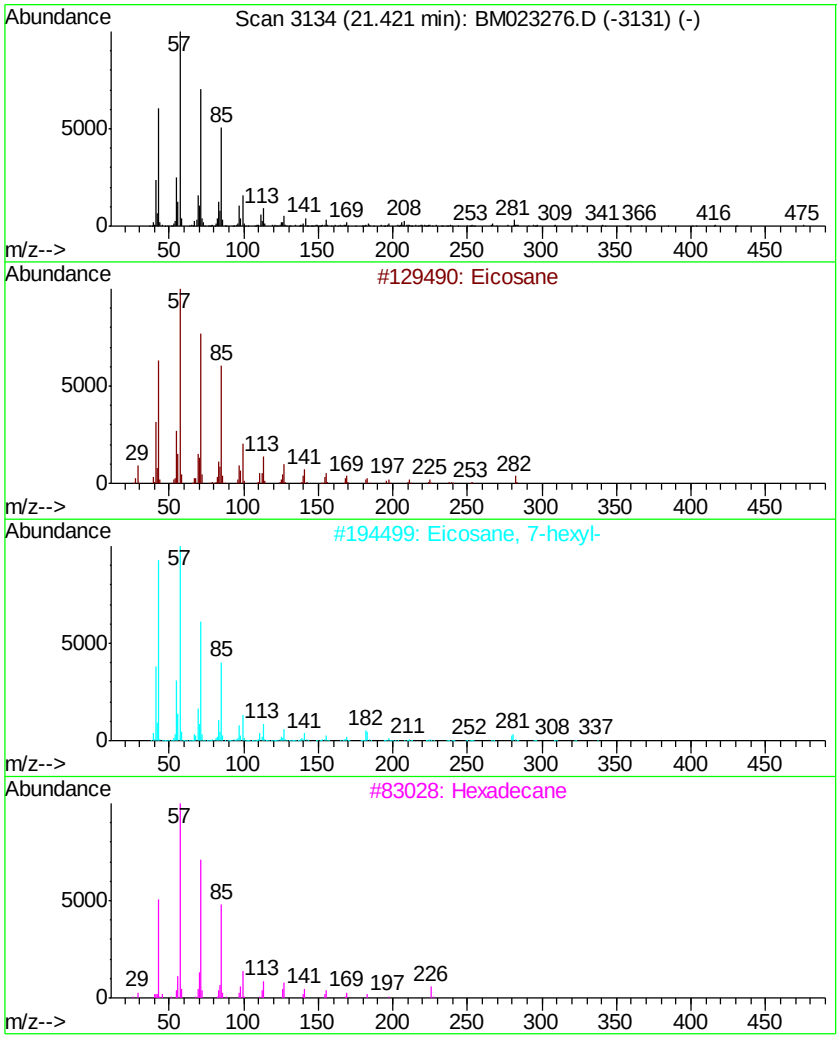
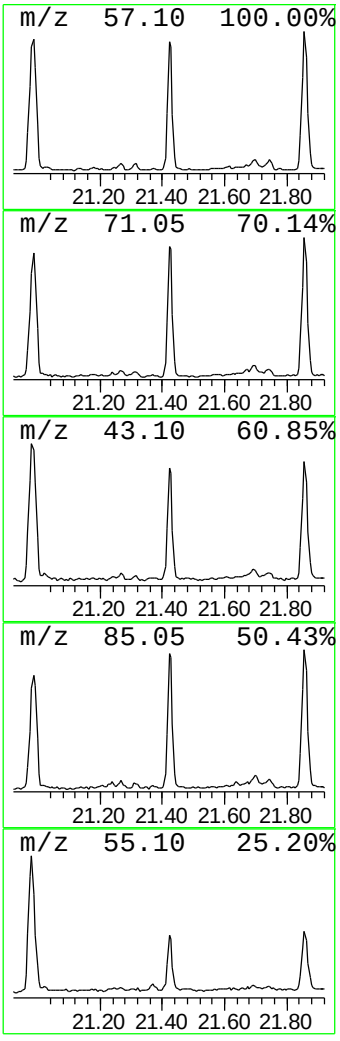
****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.58 ng/ul	784324	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

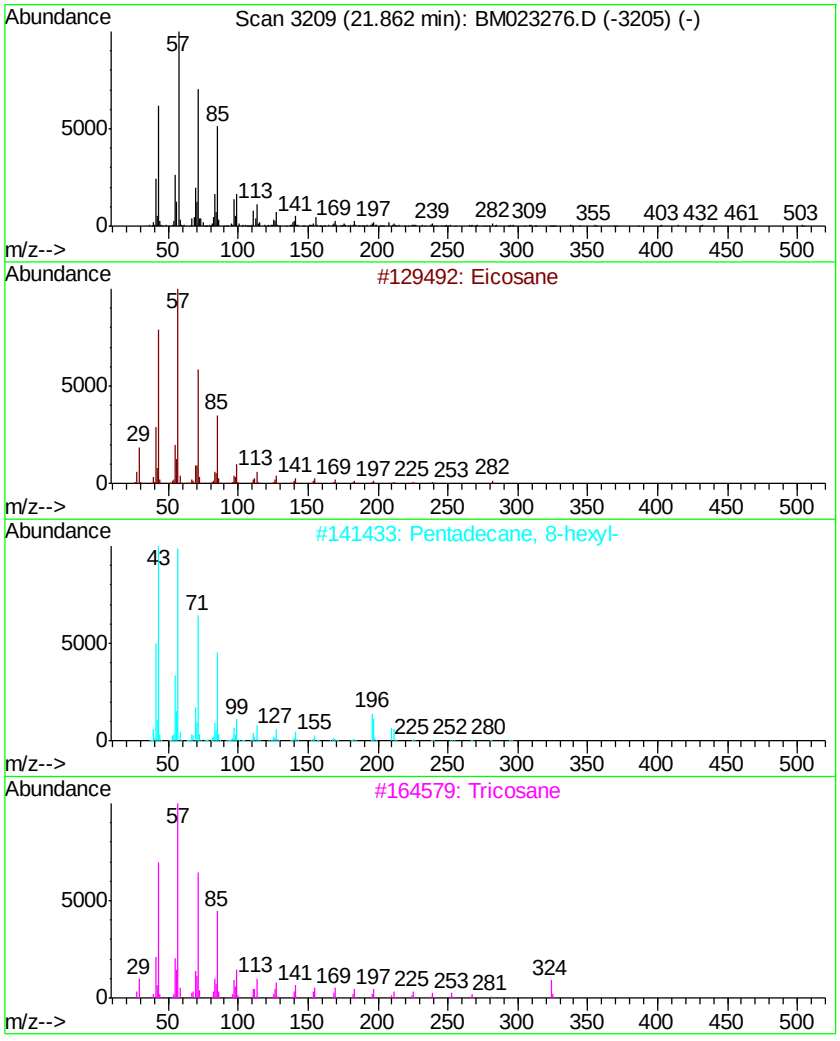
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

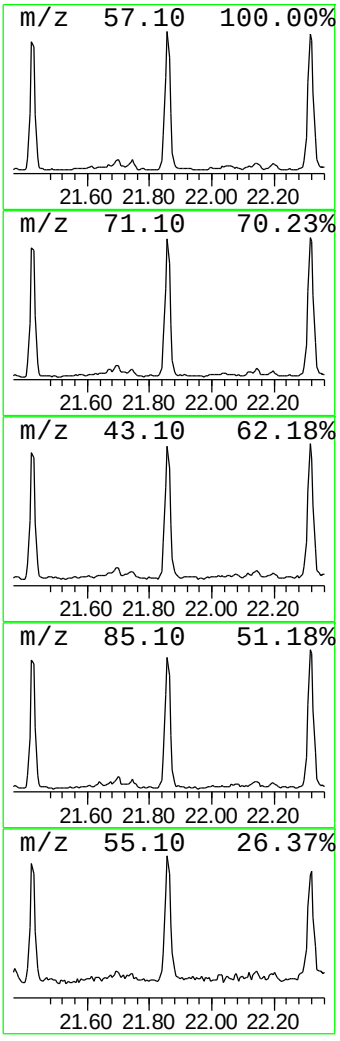
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.82 ng/ul	855850	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Tricosane	324	C23H48	000638-67-5	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Heneicosane	296	C21H44	000629-94-7	90





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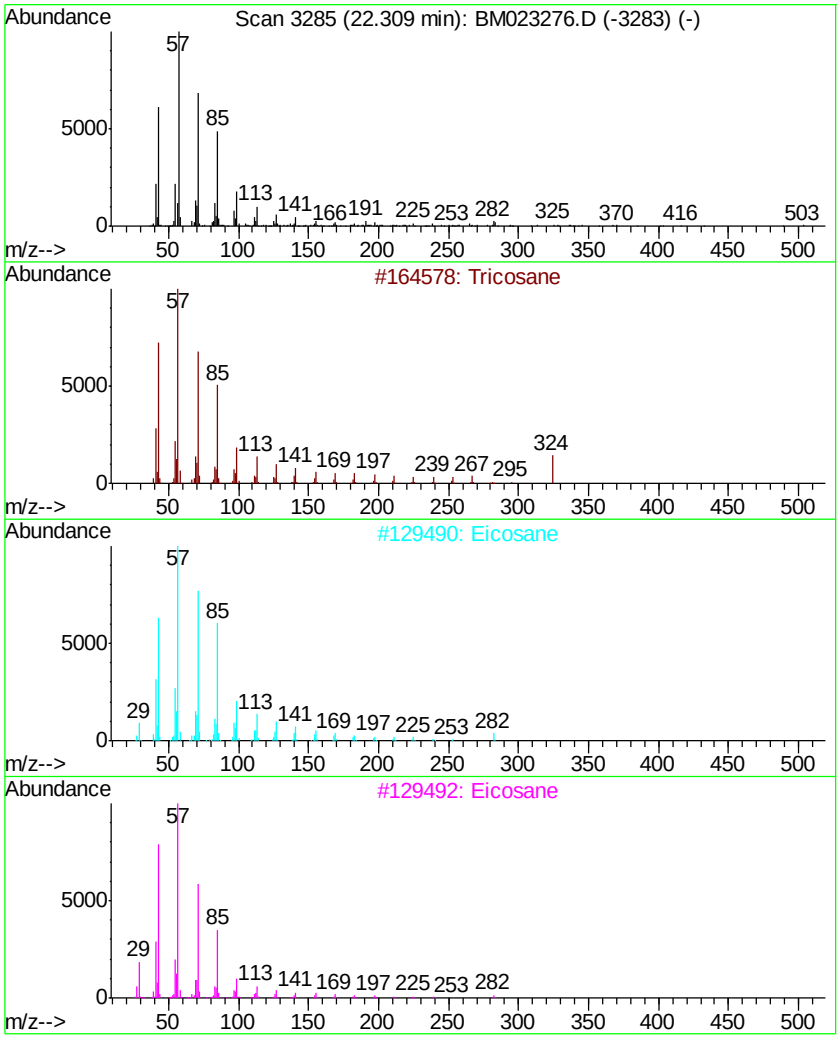
Quant Title : SVOA CALIBRATION

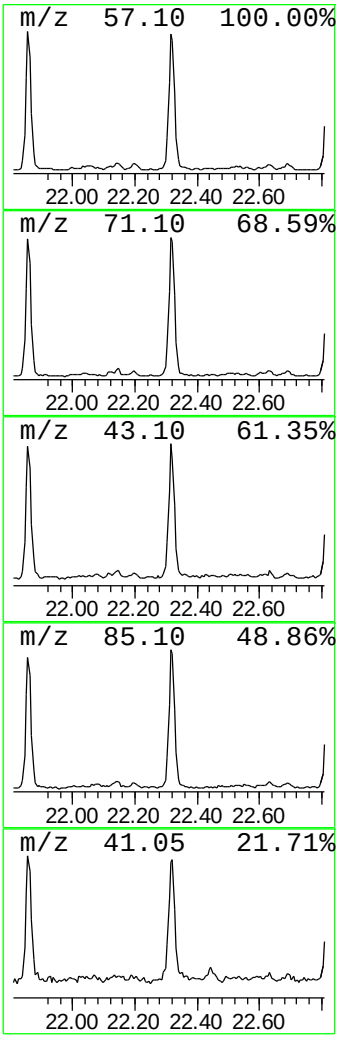
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	3.13 ng/ul	949307	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Eicosane	282	C20H42	000112-95-8	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : K5345-19
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Instrument : BNA_M
ClientSampleId : ETOL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

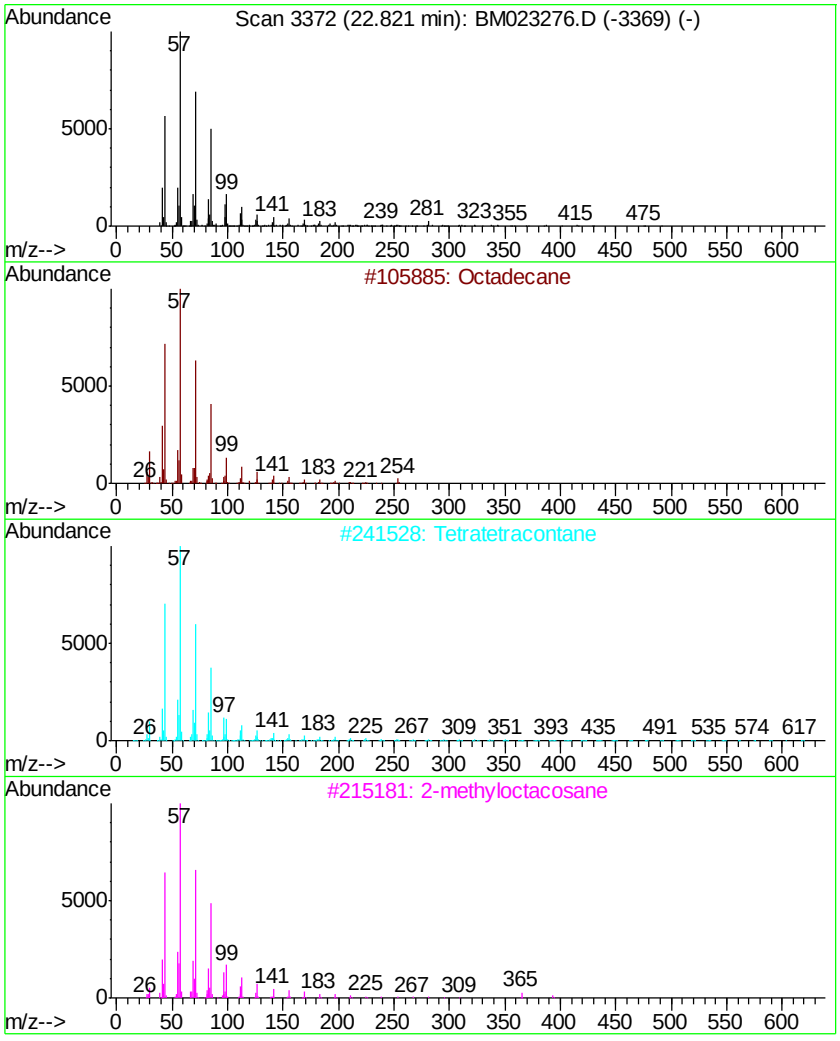
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

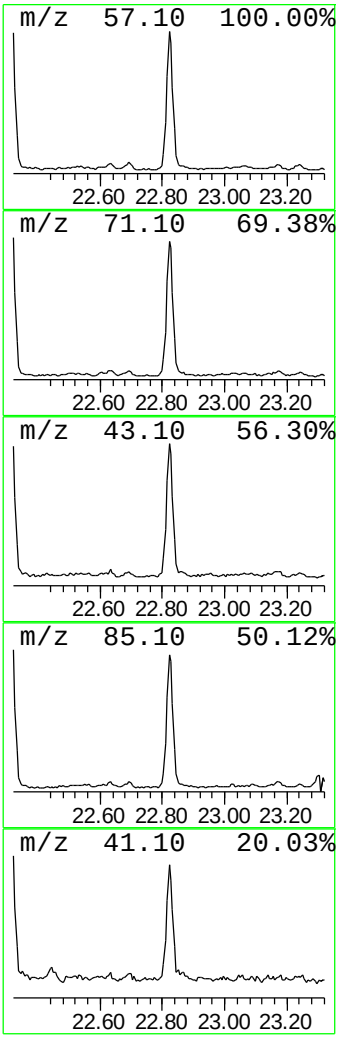
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.79 ng/ul	884363	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	96
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023276.D
Acq On : 19 Oct 2019 03:21
Operator : JU
Sample : K5345-19
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOL3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
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
unknown-01	11.97	2.6	ng/ul	398262	2	10.43	3046150	20.0
Ethanol, 2-(tetra...	20.98	6.5	ng/ul	1977150	5	21.23	6068930	20.0
2,2'-(Ethane-1,2-...	21.03	4.5	ng/ul	1350440	5	21.23	6068930	20.0
(DEL) Alkane: Str...	21.42	2.6	ng/ul	784324	5	21.23	6068930	20.0
(DEL) Alkane: Str...	21.86	2.8	ng/ul	855850	5	21.23	6068930	20.0
(DEL) Alkane: Str...	22.31	3.1	ng/ul	949307	5	21.23	6068930	20.0
(DEL) Alkane: Str...	22.82	2.8	ng/ul	884363	6	23.44	6345070	20.0