LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023273.D
Acq On : 19 Oct 2019 01:34
Operator : JU
Sample : K5345-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

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	28	31	40	rVB	150788	196162	1.51%	0.146%
2	3.446	76	78	86	rBV	37574	61501	0.47%	0.046%
3	3.899	151	155	159	rVB3	19383	25681	0.20%	0.019%
4	6.334	563	569	578	rBV6	14152	32088	0.25%	0.024%
5	6.828	645	653	667	rBV	2356380	4069660	31.40%	3.034%
6	6.993	672	681	694	rBV	1705552	2681189	20.69%	1.999%
7	7.187	707	714	724	rBV	2382320	3761759	29.03%	2.804%
8	7.651	785	793	802	rBV	1456253	2290396	17.67%	1.708%
9	7.734	802	807	814	rVB4	15787	28768	0.22%	0.021%
10	8.357	906	913	926	rBV	2698498	4345594	33.53%	3.240%
11	8.798	981	988	1002	rBV	2059996	3423780	26.42%	2.552%
12	9.281	1064	1070	1080	rVB	43639	70330	0.54%	0.052%
13	9.522	1101	1111	1119	rBV	1680038	2809254	21.68%	2.094%
14	10.057	1192	1202	1218	rBV	2845883	4648961	35.87%	3.466%
15	10.433	1259	1266	1273	rBV	1914317	3165585	24.43%	2.360%
16	10.569	1280	1289	1302	rBV	2576092	4449590	34.33%	3.317%
17	11.675	1470	1477	1481	rBV8	9150	17084	0.13%	0.013%
18	11.898	1509	1515	1520	rVB5	13445	23611	0.18%	0.018%
19	12.028	1531	1537	1546	rBV2	47765	87561	0.68%	0.065%
20	12.863	1675	1679	1685	rVB6	8464	14483	0.11%	0.011%
21	13.151	1722	1728	1735	rBV2	30522	49933	0.39%	0.037%
22	13.222	1735	1740	1743	rVV5	9826	14978	0.12%	0.011%
23	13.716	1816	1824	1828	rBV	4428495	6165789	47.58%	4.597%
24	13.763	1828	1832	1838	rVV	1478234	1957193	15.10%	1.459%
25	13.816	1838	1841	1846	rVV5	21242	34890	0.27%	0.026%
26	13.992	1863	1871	1882	rBV	5136309	7946002	61.31%	5.924%
27	14.233	1904	1912	1917	rBV3	48171	77661	0.60%	0.058%
28	14.298	1917	1923	1931	rVV	2863291	4211785	32.50%	3.140%
29	14.498	1950	1957	1968	rBV	1969270	2907543	22.44%	2.168%
30	14.727	1990	1996	2001	rBV5	57388	89875	0.69%	0.067%
31	14.857	2014	2018	2023	rBV8	11462	16132	0.12%	0.012%
32	14.916	2025	2028	2035	rBV8	8808	16005	0.12%	0.012%
33	15.186	2067	2074	2080	rVB	57940	83891	0.65%	0.063%
34	15.298	2086	2093	2101	rVB	6652644	9481621	73.16%	7.069%

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ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

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

35	15.416	2106	2113	2124	rBV	1531293	2169627	16.74%	1.617%
36	15.533	2129	2133	2138	rVV2	79902	121935	0.94%	0.091%
37	15.598	2138	2144	2149	rVB	44660	69149	0.53%	0.052%
38	15.745	2164	2169	2173	rBV7	9788	19239	0.15%	0.014%
39	15.992	2207	2211	2217	rBV	52412	68038	0.53%	0.051%
40	16.051	2217	2221	2223	rVV	76043	96537	0.74%	0.072%
41	16.080	2223	2226	2233	rVB2	102032	147903	1.14%	0.110%
42	16.315	2263	2266	2270	rVB5	11944	14779	0.11%	0.011%
43	16.457	2287	2290	2296	rBV7	15778	32049	0.25%	0.024%
44	16.733	2332	2337	2340	rVB7	17646	25015	0.19%	0.019%
45	16.845	2351	2356	2361	rBV2	77392	100225	0.77%	0.075%
46	16.898	2361	2365	2369	rVB2	37160	54937	0.42%	0.041%
47	17.045	2384	2390	2400	rBV2	3506894	4898198	37.80%	3.652%
48	17.145	2400	2407	2416	rBV	7134797	10095816	77.90%	7.527%
49	17.286	2427	2431	2440	rVB	18137	36830	0.28%	0.027%
50	17.462	2457	2461	2465	rVB6	28747	35234	0.27%	0.026%
51	17.580	2477	2481	2485	rBV	83202	105397	0.81%	0.079%
52	17.962	2543	2546	2554	rBV2	117270	179439	1.38%	0.134%
53	18.274	2595	2599	2606	rVB	83897	116248	0.90%	0.087%
54	18.404	2618	2621	2625	rVB6	16024	21274	0.16%	0.016%
55	18.909	2704	2707	2712	rVB	74117	92279	0.71%	0.069%
56	19.074	2731	2735	2739	rBV	97362	131711	1.02%	0.098%
57	19.327	2775	2778	2783	rVB2	73590	96361	0.74%	0.072%
58	19.439	2791	2797	2803	rBV	8770589	11828364	91.27%	8.818%
59	19.492	2803	2806	2809	rVB	79158	84233	0.65%	0.063%
60	20.027	2894	2897	2901	rBV2	100285	123057	0.95%	0.092%
61	20.527	2979	2982	2986	rBV2	158591	164901	1.27%	0.123%
62	20.927	3045	3050	3054	rBV2	402733	682264	5.26%	0.509%
63	20.980	3055	3059	3063	rVV	2104102	2646292	20.42%	1.973%
64	21.027	3063	3067	3073	rVB	2112988	2384610	18.40%	1.778%
65	21.233	3097	3102	3108	rBV	4916618	5924979	45.72%	4.417%
66	21.427	3132	3135	3139	rVB	371916	382806	2.95%	0.285%
67	21.856	3205	3208	3216	rBV	469821	665514	5.14%	0.496%
68	22.321	3284	3287	3292	rVB	488803	598359	4.62%	0.446%
69	22.827	3369	3373	3377	rVB	517700	698807	5.39%	0.521%
70	23.303	3447	3454	3463	rVB	7274964	12959437	100.00%	9.661%
71	23.391	3466	3469	3472	rVV	541550	847699	6.54%	0.632%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : ETOK8

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

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Title : SVOA CALIBRATION

72	23.439	3472	3477	3484	rVB	3375914	6160714	47.54%	4.593%

Sum of corrected areas: 134136591

LSC Report - Integrated Chromatogram

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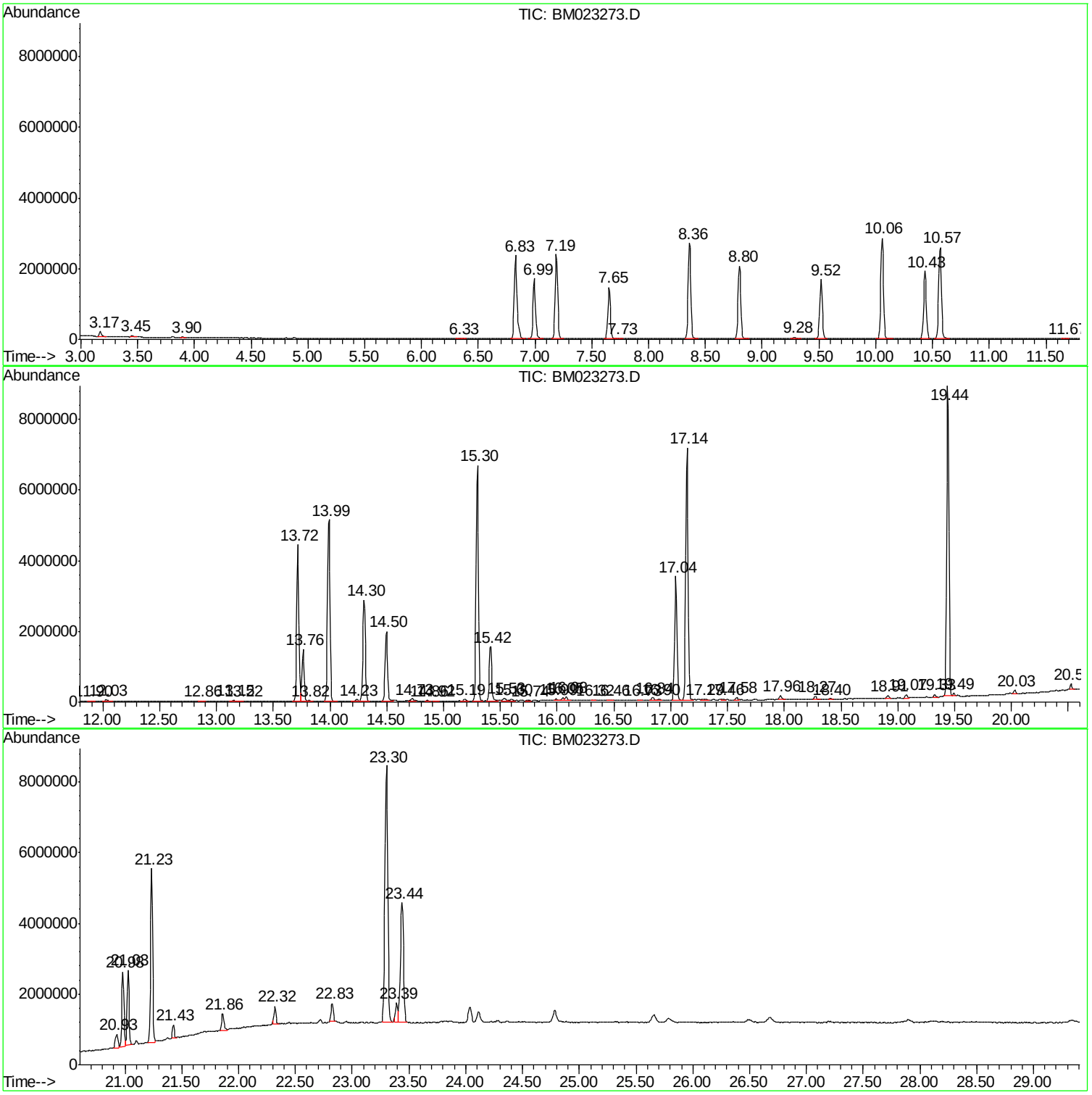
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023273.D
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Operator : JU
Sample : K5345-15
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

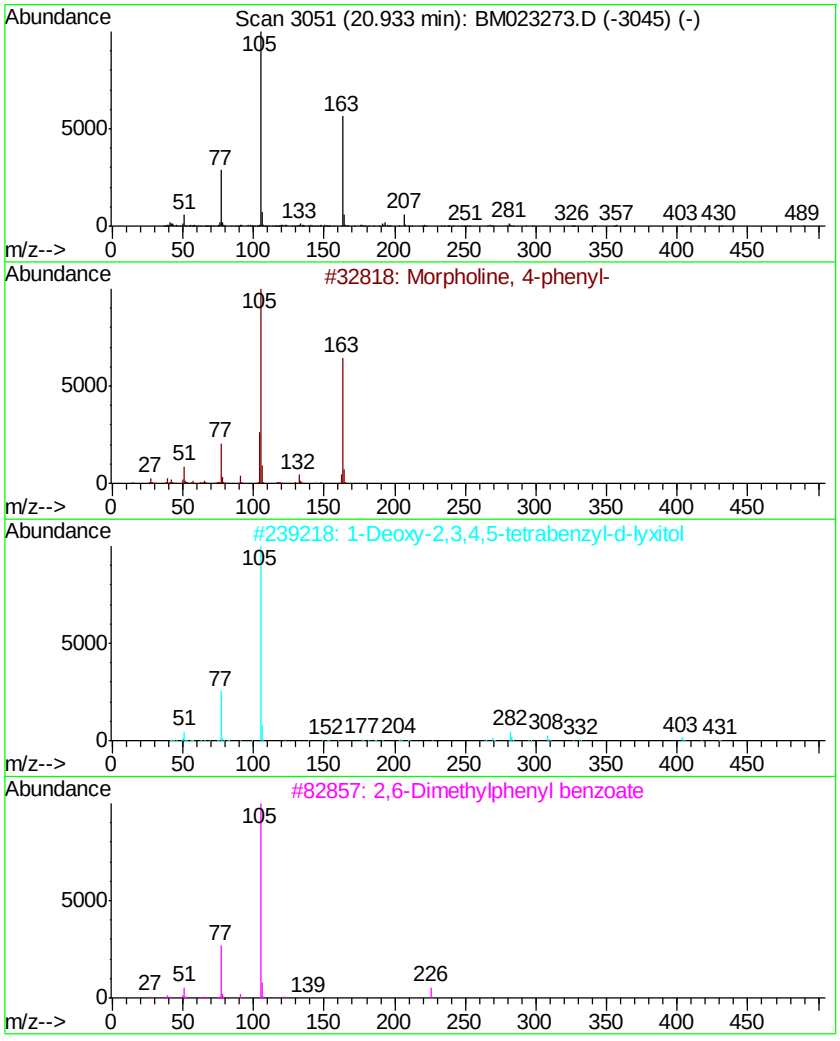
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

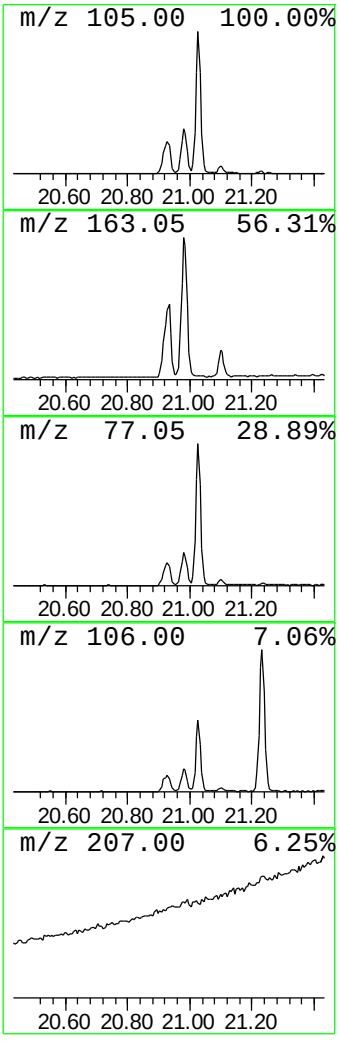
****

Peak Number 1 Morpholine, 4-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.30 ng/ul	682264	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
2	1-Deoxy-2,3,4,5-tetrabenzyl-d-ly...	552	C33H28O8	1000124-89-2	35
3	2,6-Dimethylphenyl benzoate	226	C15H14O2	001871-36-9	27
4	Benzoic acid,{6-[(benzoyloxy)met...	368	C21H20O6	1000192-34-7	27
5	2',4'-Dinitrobenzanilide	287	C13H9N3O5	041214-79-3	27





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
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Acq On : 19 Oct 2019 01:34
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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

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

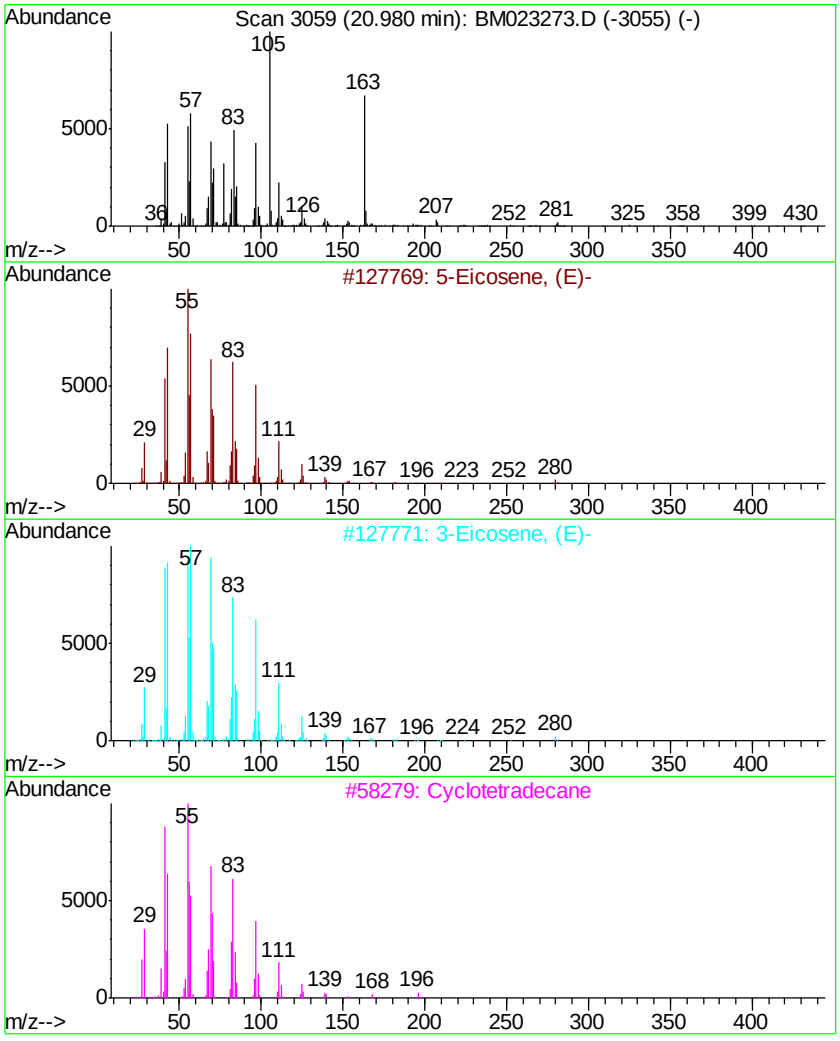
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

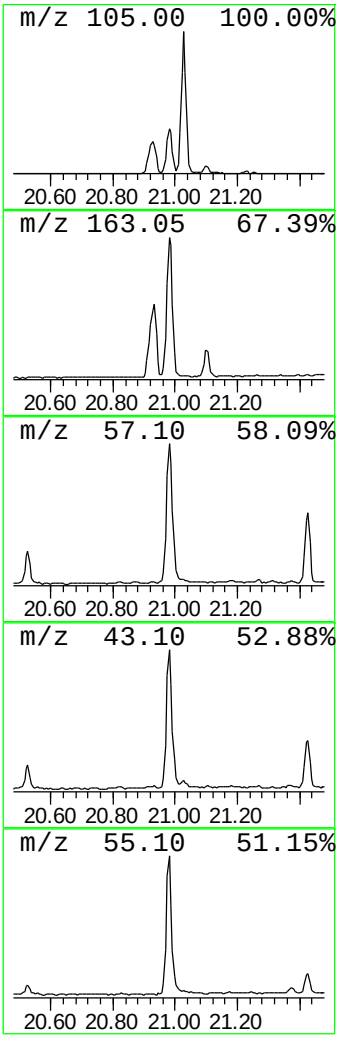
****

Peak Number 2 (DEL) Alkane: Cyclic20.98 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	8.93 ng/ul	2646290	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Cyclotetradecane	196	C14H28	000295-17-0	87
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	86
5	Cyclopentadecane	210	C15H30	000295-48-7	78





Library Search Compound Report

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Sample : K5345-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

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

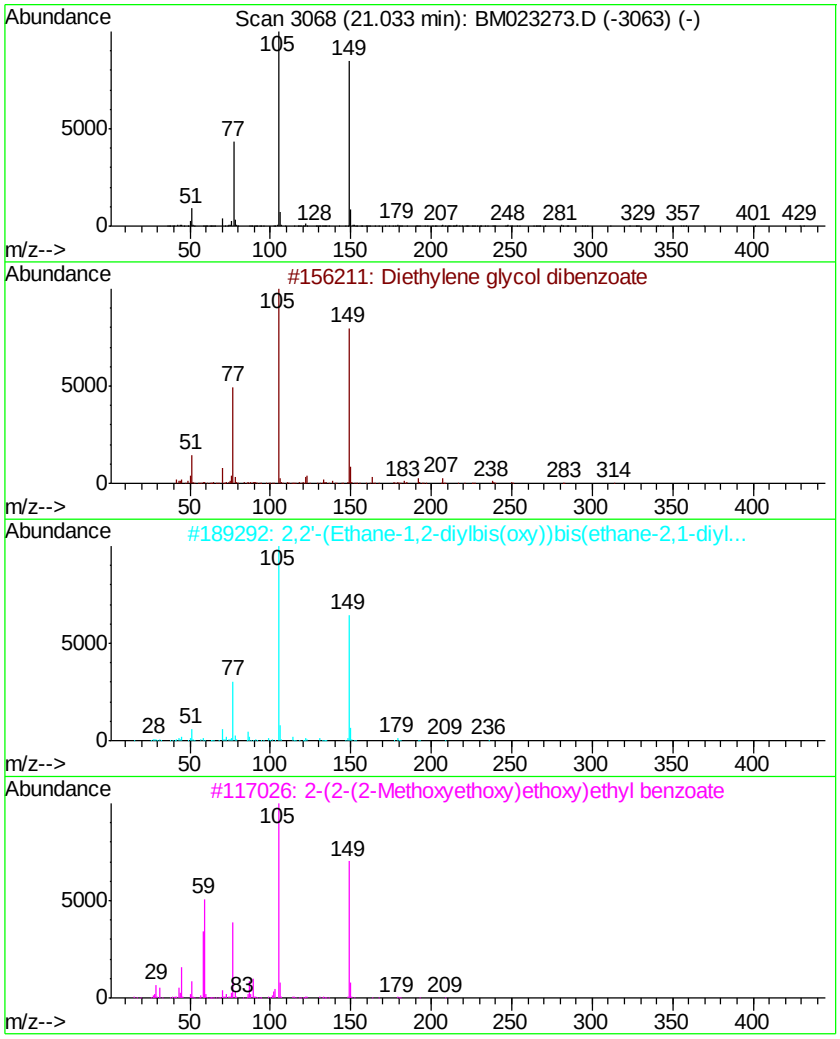
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

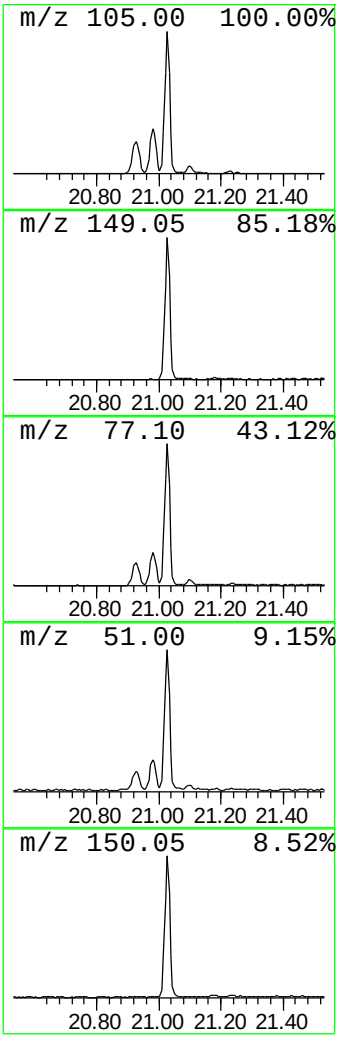
****

Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	8.05 ng/ul	2384610	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	74
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
3	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4	Ethanol, 2-(4-phenoxyphenoxy)-, ...	334	C21H18O4	055191-59-8	56
5	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	56





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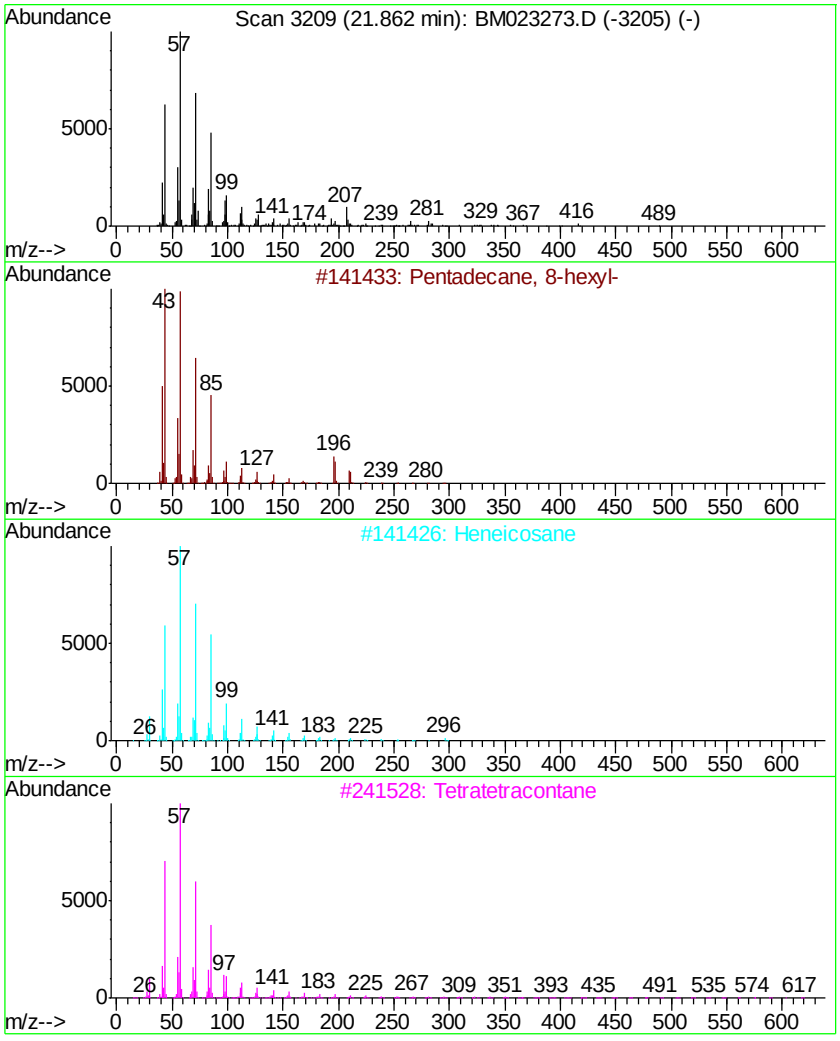
Quant Title : SVOA CALIBRATION

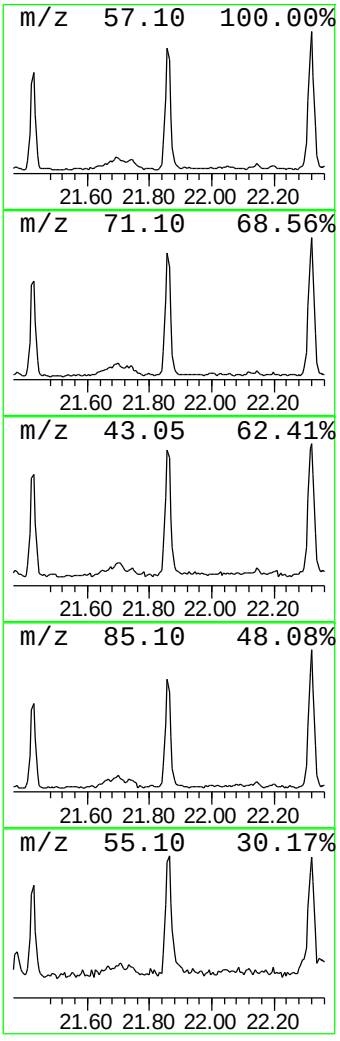
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.25 ng/ul	665514	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

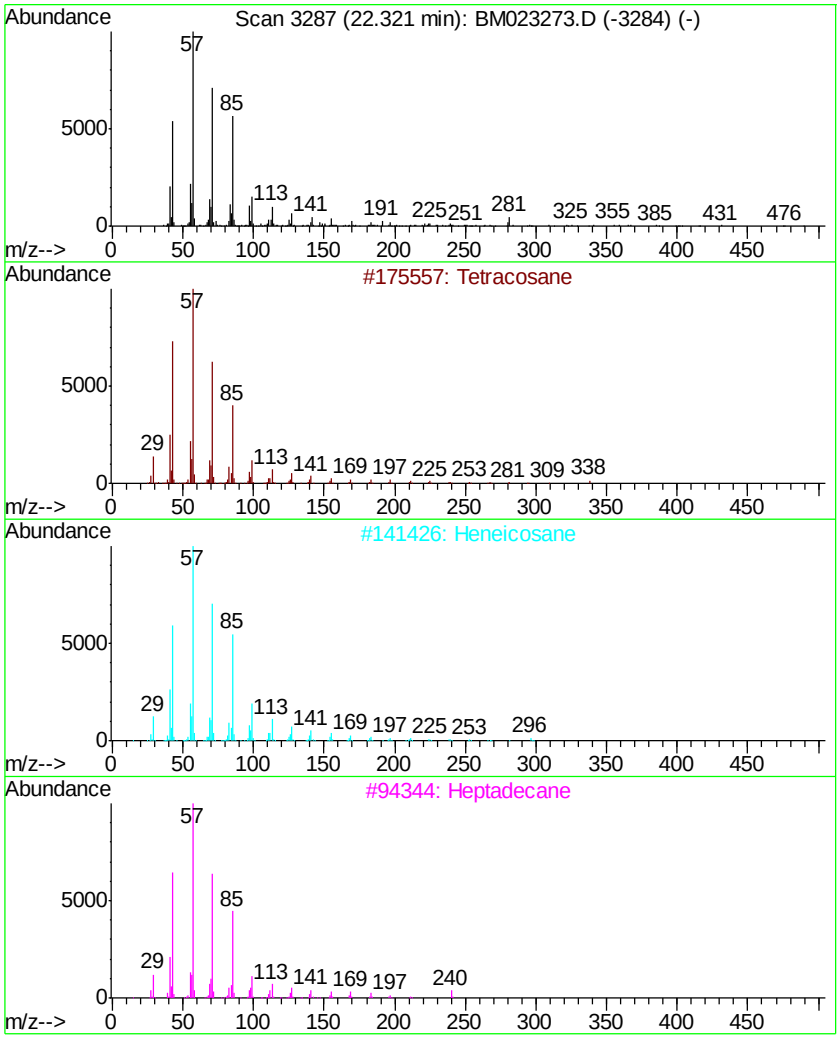
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

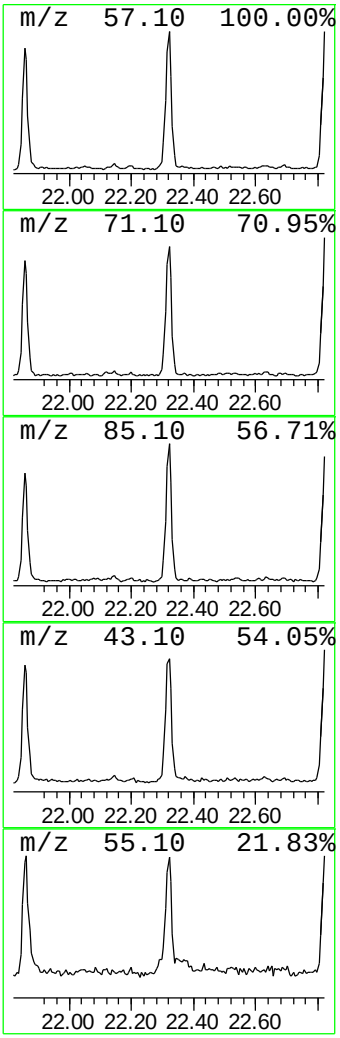
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.02 ng/ul	598359	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : K5345-15
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Instrument : BNA_M
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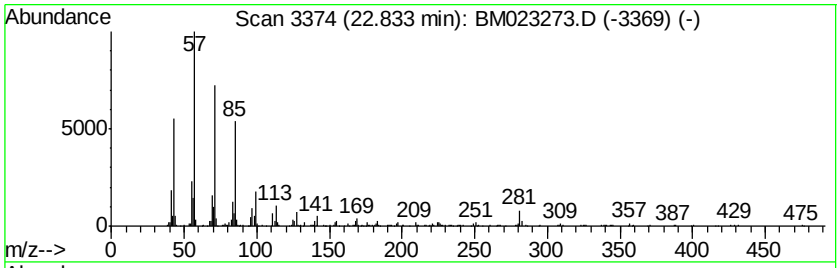
Quant Title : SVOA CALIBRATION

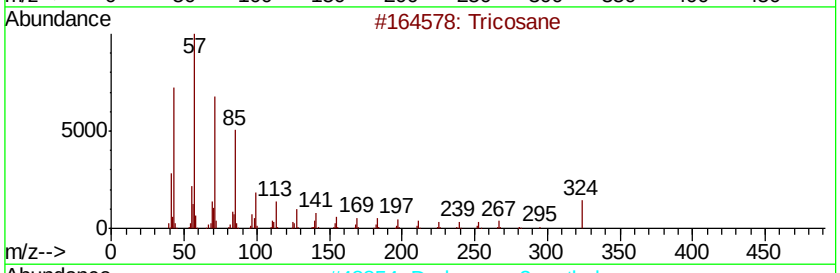
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

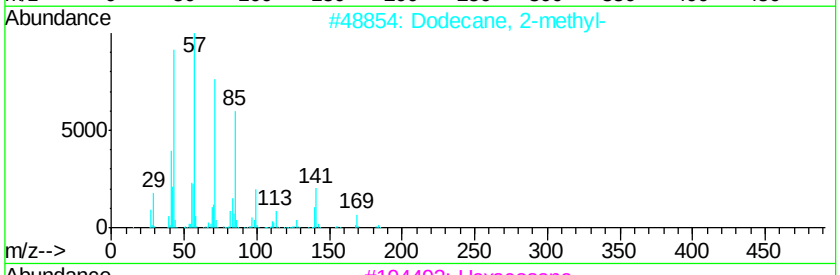
****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

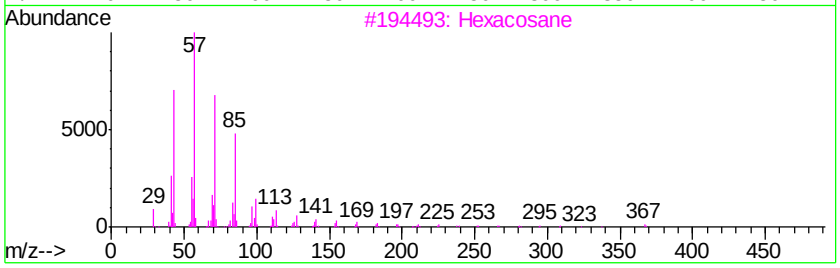
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.27 ng/ul	698807	Perylene-d12	23.44

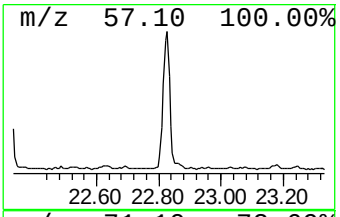
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	94
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Tetracosane	338	C24H50	000646-31-1	83

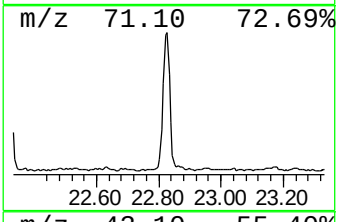


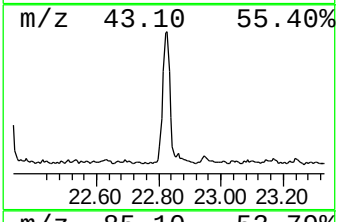


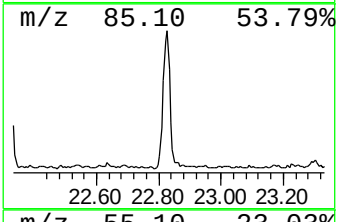


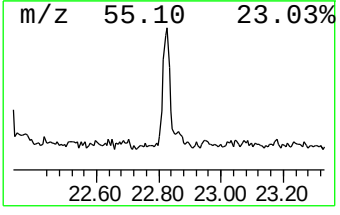












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\
Data File : BM023273.D
Acq On : 19 Oct 2019 01:34
Operator : JU
Sample : K5345-15
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK8

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
Morpholine, 4-phe...	20.93	2.3	ng/ul	682264	5	21.23	5924980	20.0
(DEL) Alkane: Cyc...	20.98	8.9	ng/ul	2646290	5	21.23	5924980	20.0
Diethylene glycol...	21.03	8.1	ng/ul	2384610	5	21.23	5924980	20.0
(DEL) Alkane: Str...	21.86	2.3	ng/ul	665514	5	21.23	5924980	20.0
(DEL) Alkane: Str...	22.32	2.0	ng/ul	598359	5	21.23	5924980	20.0
(DEL) Alkane: Str...	22.83	2.3	ng/ul	698807	6	23.44	6160710	20.0