LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023268.D
Acq On : 18 Oct 2019 21:23
Operator : JU
Sample : K5345-11
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETOK4

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	37	rVB	127637	161141	1.47%	0.136%
2	3.457	77	80	88	rVB	24223	47039	0.43%	0.040%
3	3.893	152	154	161	rVB5	22140	35113	0.32%	0.030%
4	5.787	472	476	481	rBV2	12289	19664	0.18%	0.017%
5	5.993	508	511	516	rVV7	6132	11171	0.10%	0.009%
6	6.334	565	569	577	rBV5	15355	36375	0.33%	0.031%
7	6.663	622	625	629	rBV6	7887	11680	0.11%	0.010%
8	6.828	646	653	668	rBV2	2001617	3556585	32.43%	3.006%
9	6.993	674	681	694	rBV	1485403	2332612	21.27%	1.971%
10	7.187	707	714	723	rBV	2036172	3311785	30.20%	2.799%
11	7.304	731	734	738	rVB6	9097	13209	0.12%	0.011%
12	7.651	787	793	803	rBV	1406711	2266722	20.67%	1.916%
13	7.734	803	807	812	rVB2	19760	26474	0.24%	0.022%
14	8.363	906	914	925	rBV	2311138	3765905	34.34%	3.183%
15	8.798	976	988	1000	rBV	1817370	2996794	27.33%	2.533%
16	8.910	1003	1007	1009	rVV4	10193	15159	0.14%	0.013%
17	8.934	1009	1011	1015	rVV4	9653	14896	0.14%	0.013%
18	8.981	1015	1019	1025	rVB8	13288	24837	0.23%	0.021%
19	9.281	1066	1070	1075	rVB2	24383	36178	0.33%	0.031%
20	9.522	1103	1111	1122	rBV	1493244	2427489	22.14%	2.052%
21	10.057	1195	1202	1213	rBV	2391821	4018430	36.64%	3.396%
22	10.433	1259	1266	1275	rBV	1817831	3084745	28.13%	2.607%
23	10.569	1281	1289	1304	rBV	2130712	3623175	33.04%	3.062%
24	11.892	1509	1514	1519	rBV7	8055	15413	0.14%	0.013%
25	12.033	1532	1538	1542	rBV	44409	68630	0.63%	0.058%
26	12.669	1641	1646	1651	rVB8	10063	18706	0.17%	0.016%
27	12.816	1667	1671	1676	rBV4	9188	16510	0.15%	0.014%
28	12.916	1685	1688	1693	rBV4	9809	16459	0.15%	0.014%
29	13.157	1721	1729	1733	rBV5	16706	28456	0.26%	0.024%
30	13.716	1818	1824	1829	rBV	3742934	5306355	48.39%	4.485%
31	13.763	1829	1832	1839	rVB	1284705	1701030	15.51%	1.438%
32	13.992	1863	1871	1882	rBV	4613996	6863479	62.59%	5.801%
33	14.233	1908	1912	1916	rBV4	19124	25491	0.23%	0.022%
34	14.304	1916	1924	1932	rVV	2600000	4012506	36.59%	3.391%

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Instrument : BNA_M
ClientSampleId : ETOK4

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	14.498	1950	1957	1971	rBV	1520219	2264150	20.65%	1.914%
36	14.727	1990	1996	2003	rVB4	76397	123708	1.13%	0.105%
37	15.139	2062	2066	2067	rBV3	13372	16909	0.15%	0.014%
38	15.192	2071	2075	2080	rVB3	27785	40108	0.37%	0.034%
39	15.298	2086	2093	2100	rBV	5682102	8162470	74.43%	6.899%
40	15.416	2107	2113	2124	rBV	1272069	1739706	15.86%	1.470%
41	15.539	2129	2134	2138	rVV2	68067	103958	0.95%	0.088%
42	15.598	2142	2144	2148	rVB5	10306	12263	0.11%	0.010%
43	15.868	2185	2190	2191	rBV5	8793	11117	0.10%	0.009%
44	15.998	2207	2212	2217	rBV9	11669	19215	0.18%	0.016%
45	16.051	2217	2221	2224	rBV5	22304	32313	0.29%	0.027%
46	16.080	2224	2226	2230	rVB4	31490	36299	0.33%	0.031%
47	16.204	2243	2247	2252	rBV7	12028	25523	0.23%	0.022%
48	16.315	2264	2266	2271	rVB5	10818	13396	0.12%	0.011%
49	16.415	2277	2283	2288	rBV8	8841	24262	0.22%	0.021%
50	16.727	2333	2336	2341	rBV7	18248	20445	0.19%	0.017%
51	16.839	2351	2355	2362	rVB5	24993	45786	0.42%	0.039%
52	16.898	2362	2365	2369	rBV5	8755	12791	0.12%	0.011%
53	17.045	2384	2390	2396	rBV2	3279292	4577547	41.74%	3.869%
54	17.145	2400	2407	2417	rBV	6111540	8523692	77.73%	7.204%
55	17.245	2420	2424	2427	rVB5	15325	22179	0.20%	0.019%
56	17.298	2429	2433	2438	rVV8	7799	13002	0.12%	0.011%
57	17.451	2456	2459	2463	rVB5	9630	14219	0.13%	0.012%
58	17.580	2479	2481	2487	rVB4	18195	23904	0.22%	0.020%
59	17.968	2543	2547	2556	rBV2	164862	251438	2.29%	0.213%
60	18.274	2594	2599	2602	rBV6	39974	65484	0.60%	0.055%
61	18.915	2705	2708	2712	rBV3	24891	26421	0.24%	0.022%
62	19.074	2731	2735	2739	rBV2	79780	119917	1.09%	0.101%
63	19.256	2763	2766	2770	rBV5	23447	29758	0.27%	0.025%
64	19.327	2774	2778	2785	rVV	70688	99060	0.90%	0.084%
65	19.439	2791	2797	2804	rBV	7256727	10016799	91.34%	8.466%
66	20.033	2895	2898	2901	rBV	59383	62302	0.57%	0.053%
67	20.527	2980	2982	2986	rVB2	97509	97814	0.89%	0.083%
68	20.927	3046	3050	3055	rBV	416527	664510	6.06%	0.562%
69	20.980	3055	3059	3064	rBV2	2472360	3194099	29.13%	2.700%
70	21.027	3064	3067	3074	rVB	2251946	2594424	23.66%	2.193%
71	21.233	3098	3102	3111	rBV	4213546	5435557	49.57%	4.594%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : ETOK4

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
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Peak separation: 5

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

72	21.427	3132	3135	3140	rBV2	354371	402858	3.67%	0.340%
73	21.868	3206	3210	3218	rBV	926222	1379818	12.58%	1.166%
74	22.321	3285	3287	3294	rVB	409403	492713	4.49%	0.416%
75	22.827	3370	3373	3377	rBV	476016	634940	5.79%	0.537%
76	23.303	3448	3454	3463	rVB	6032645	10966214	100.00%	9.268%
77	23.444	3472	3478	3487	rVB	3203233	5993807	54.66%	5.066%

Sum of corrected areas: 118317108

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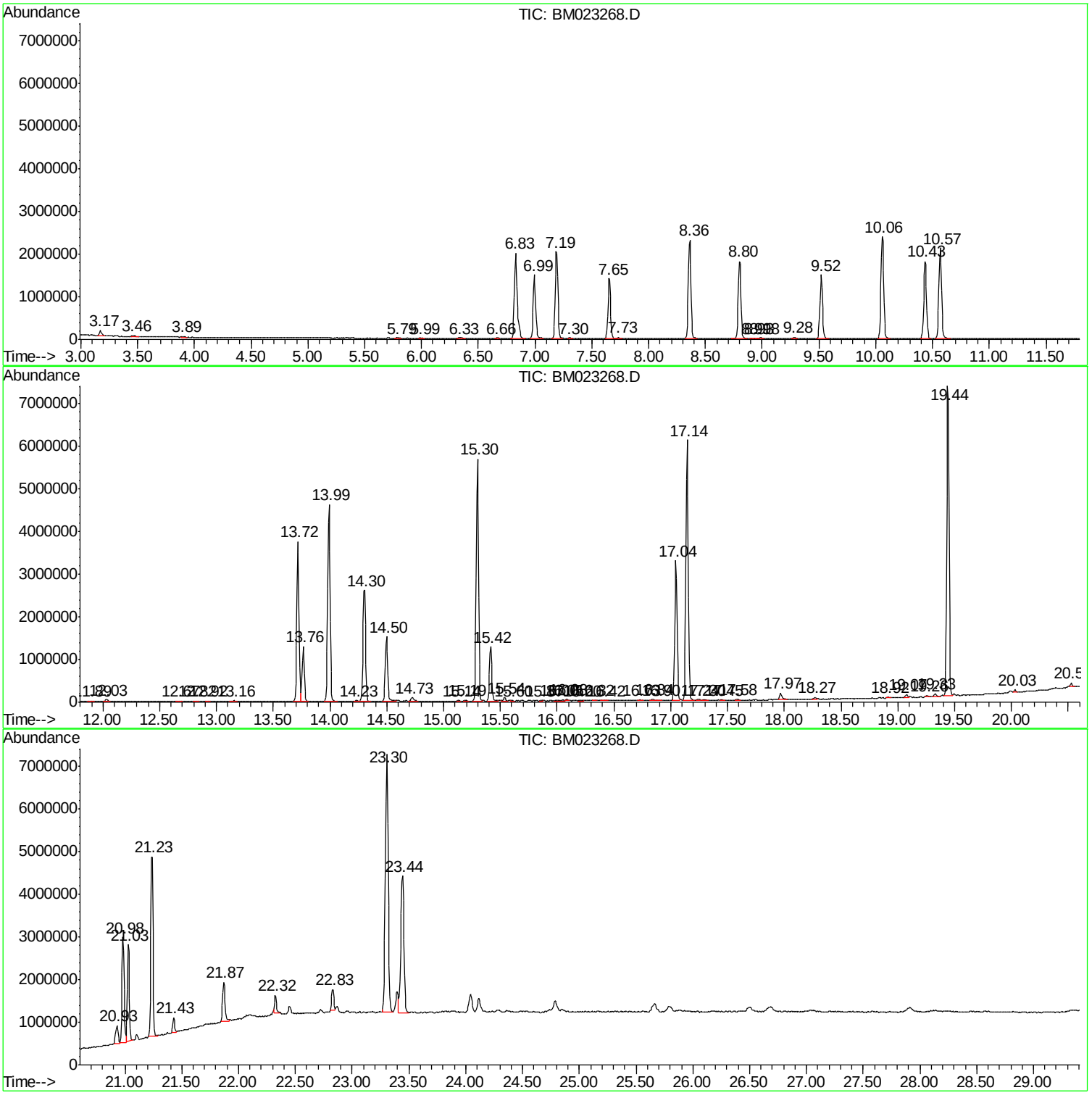
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETOK4

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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Instrument : BNA_M
ClientSampleId : ETOK4

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

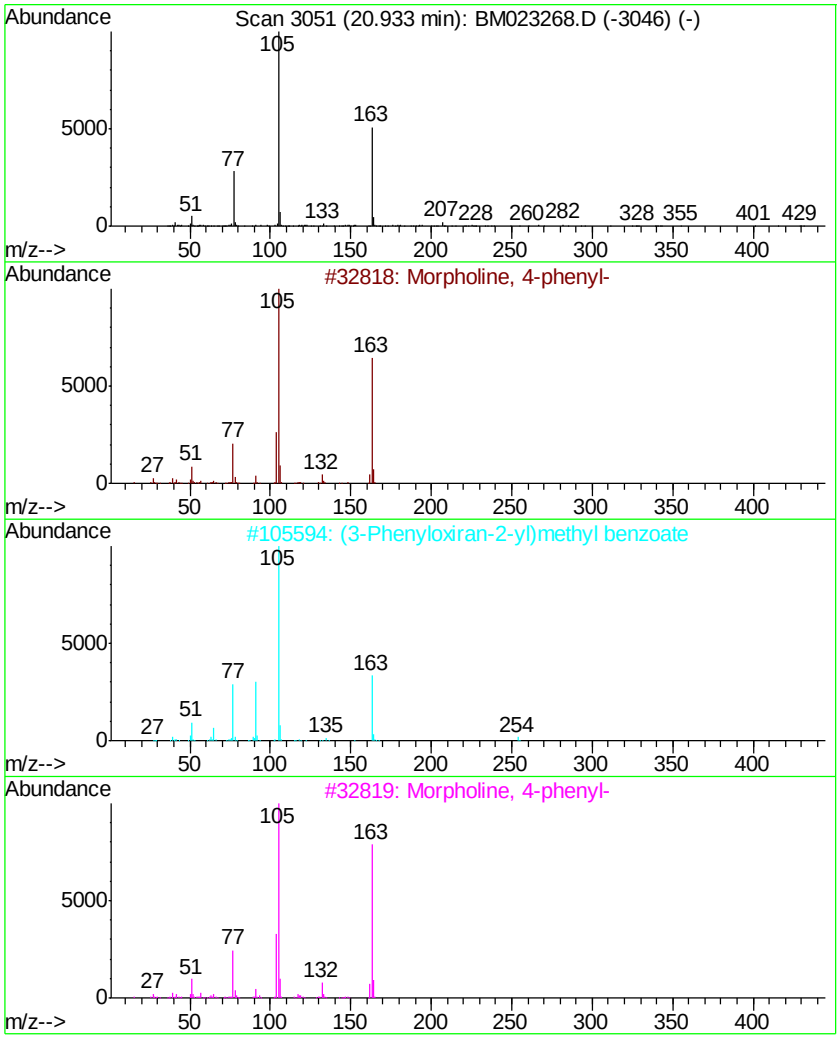
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

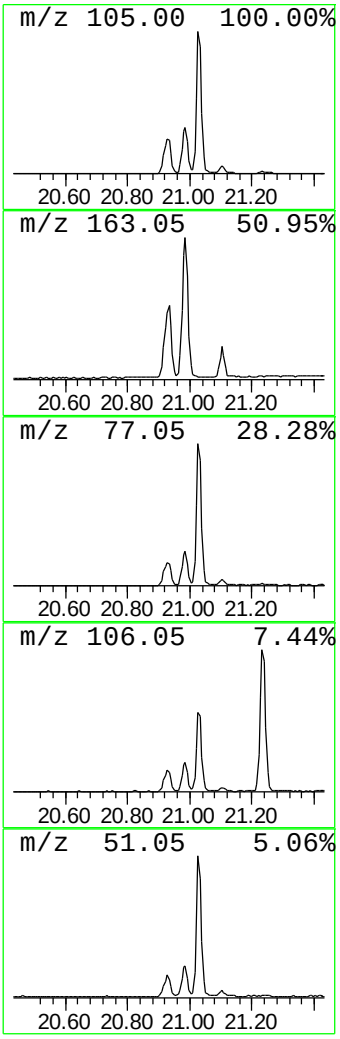
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.45 ng/ul	664510	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	59
2	(3-Phenyloxiran-2-yl)methyl benz...	254	C16H14O3	1000366-96-1	56
3	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
4	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	35
5	N-(4-Oxo-4H-chromen-3-yl)benzamide	265	C16H11NO3	1000243-49-5	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
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ClientSampleId : ETOK4

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

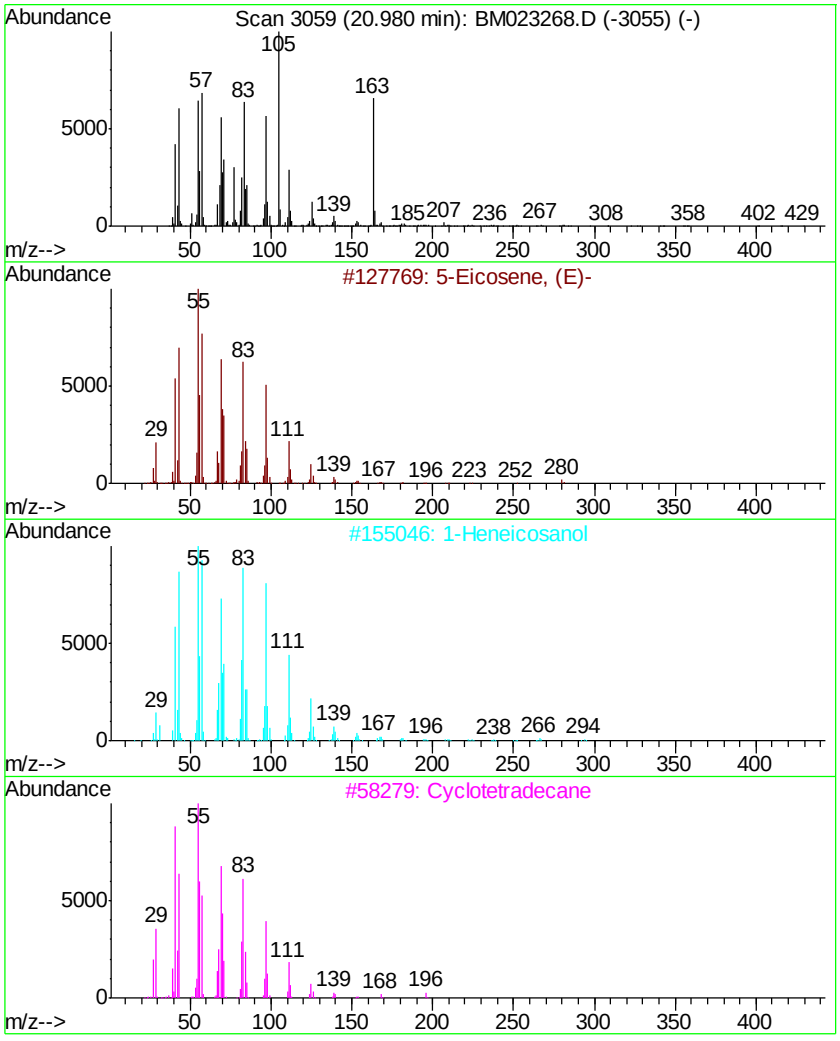
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

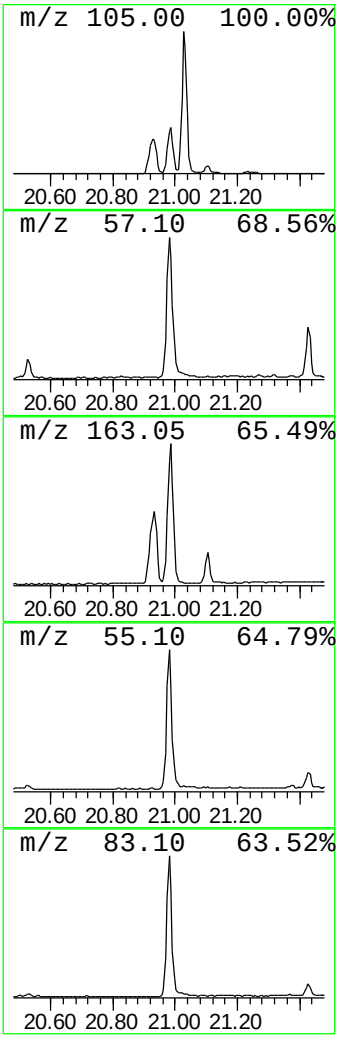
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	11.75 ng/ul	3194100	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Cyclotetradecane	196	C14H28	000295-17-0	87
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	86
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	86





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Instrument : BNA_M
ClientSampleId : ETOK4

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

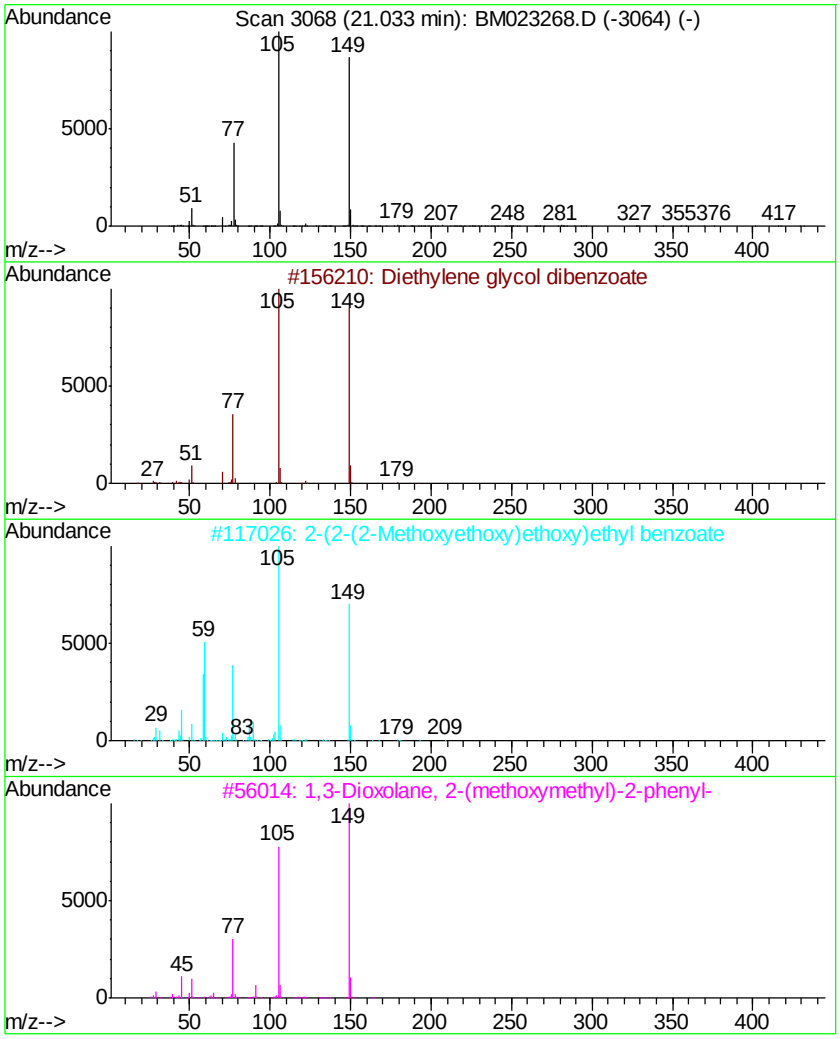
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

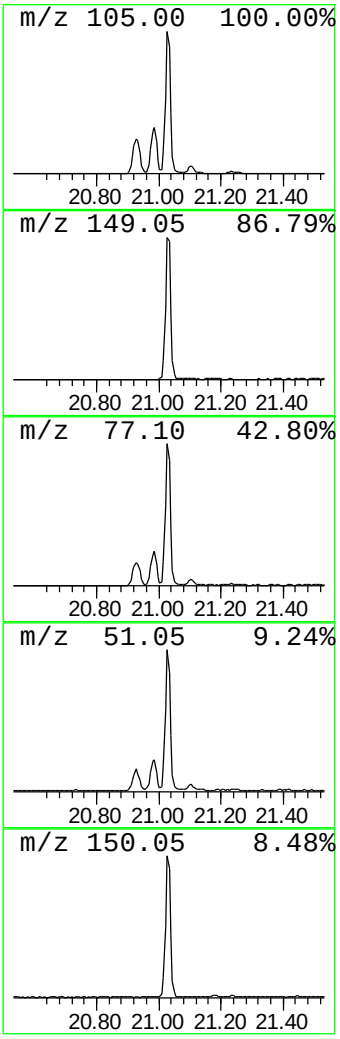
****

Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	9.55 ng/ul	2594420	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
3	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
4	2-(2-Carboxyvinyl)pyridine, trans	149	C8H7NO2	007340-22-9	52
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	50





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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

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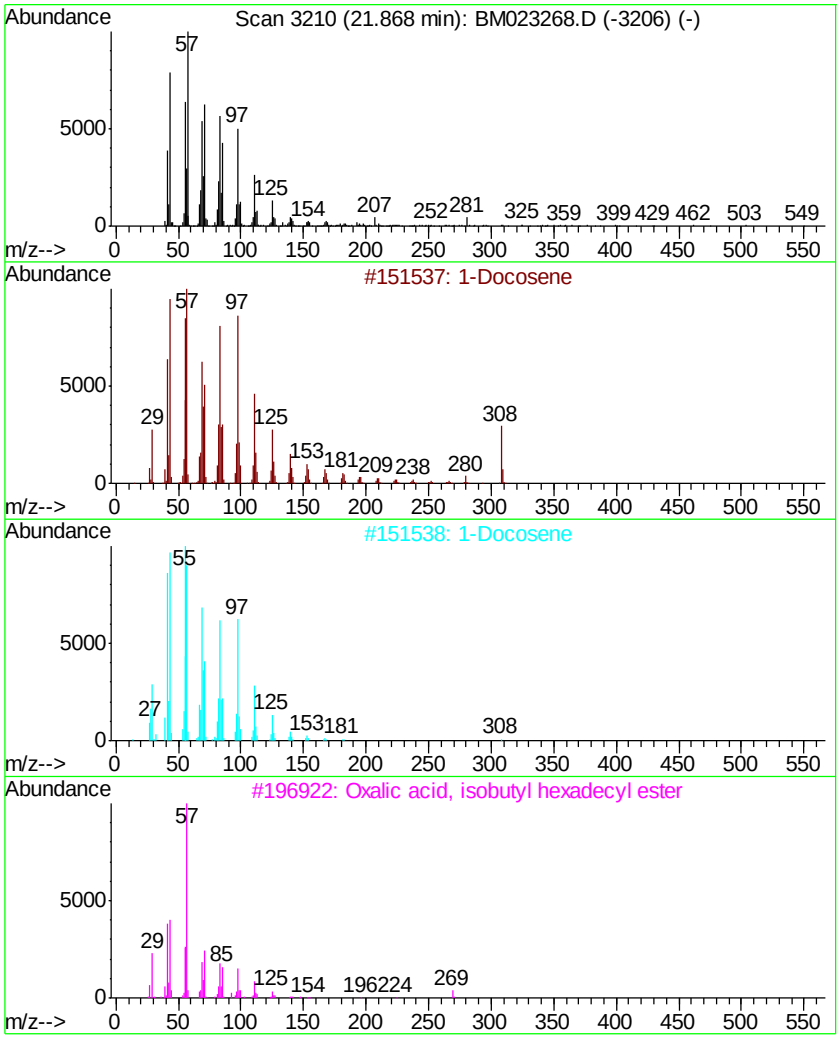
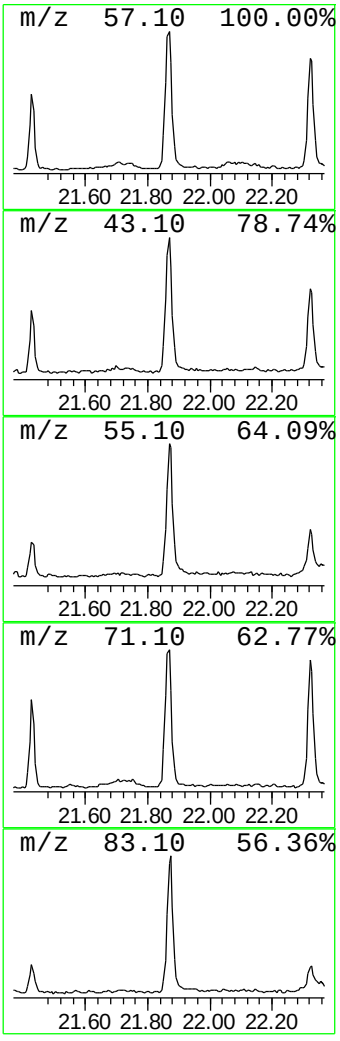
Peak Number 4 (DEL) Alkane: Cyclic21.87 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	5.08 ng/ul	1379820	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	1-Docosene	308	C22H44	001599-67-3	95
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	91
5	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : ETOK4

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

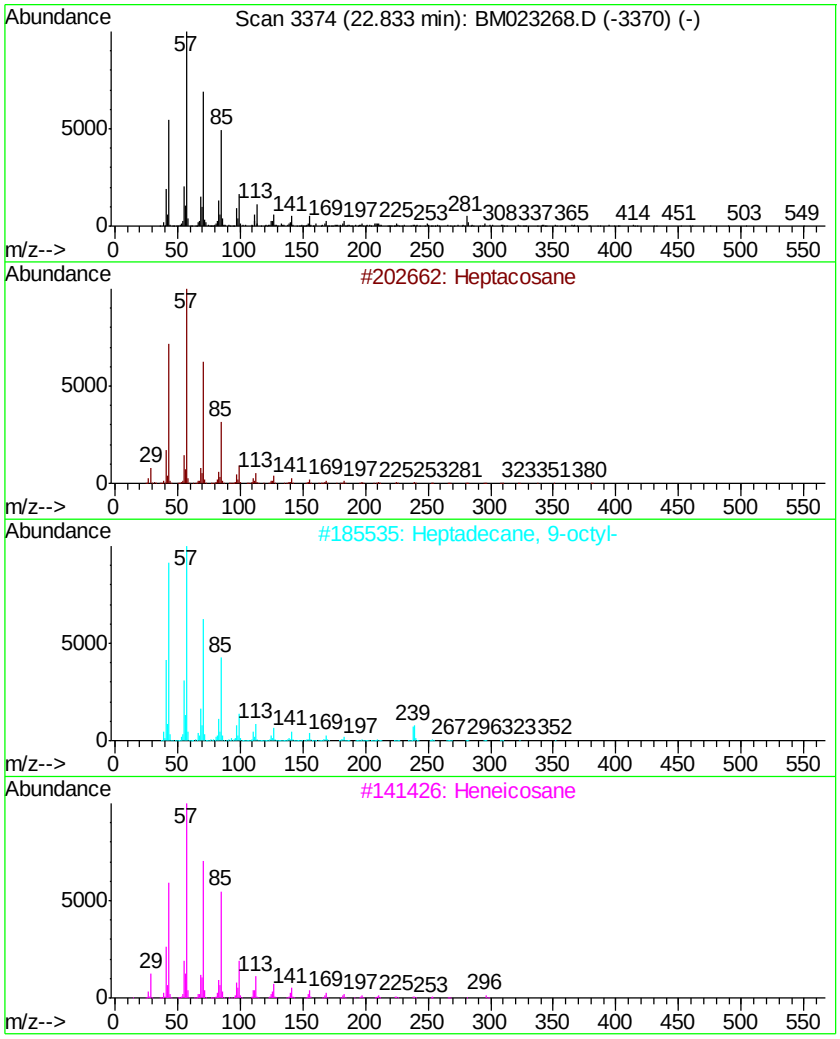
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

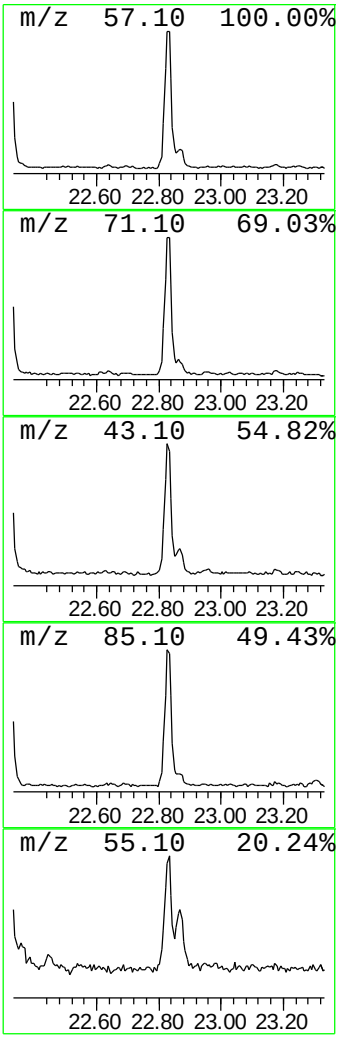
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	2.12 ng/ul	634940	Perylene-d12	23.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Octacosane	394	C28H58	000630-02-4	87





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : ETOK4

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	2.5	ng/ul	664510	5	21.23	5435560	20.0
(DEL) Alkane: Cyc...	20.98	11.8	ng/ul	3194100	5	21.23	5435560	20.0
Diethylene glycol...	21.03	9.6	ng/ul	2594420	5	21.23	5435560	20.0
(DEL) Alkane: Cyc...	21.87	5.1	ng/ul	1379820	5	21.23	5435560	20.0
(DEL) Alkane: Str...	22.83	2.1	ng/ul	634940	6	23.44	5993810	20.0