

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
 Data File : BM023274.D
 Acq On : 19 Oct 2019 02:09
 Operator : JU
 Sample : K5345-16
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOK9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	38	rVB	106819	145898	1.46%	0.135%
2	3.446	76	78	86	rBV2	34940	55775	0.56%	0.052%
3	3.893	151	154	159	rVB3	23488	33452	0.33%	0.031%
4	5.781	473	475	484	rVB8	10378	19320	0.19%	0.018%
5	6.340	564	570	576	rVB5	13850	23838	0.24%	0.022%
6	6.663	621	625	628	rBV3	9965	13039	0.13%	0.012%
7	6.828	646	653	665	rBV2	1701210	3117323	31.16%	2.892%
8	6.992	673	681	692	rBV	1276995	2015091	20.15%	1.870%
9	7.187	707	714	726	rBV	1777850	2809719	28.09%	2.607%
10	7.651	786	793	800	rBV	1489587	2327817	23.27%	2.160%
11	7.734	802	807	812	rVB3	12899	23904	0.24%	0.022%
12	8.357	906	913	926	rBV	2012900	3219953	32.19%	2.987%
13	8.798	980	988	1001	rBV	1603150	2591097	25.90%	2.404%
14	9.281	1063	1070	1076	rVB3	29319	48899	0.49%	0.045%
15	9.522	1102	1111	1120	rBV	1258210	2105813	21.05%	1.954%
16	10.057	1192	1202	1214	rBV	2132697	3486690	34.86%	3.235%
17	10.433	1258	1266	1274	rBV	1958299	3227172	32.26%	2.994%
18	10.569	1281	1289	1302	rBV	1930092	3307541	33.07%	3.069%
19	11.780	1492	1495	1499	rBV6	8028	11268	0.11%	0.010%
20	12.033	1532	1538	1542	rBV	34713	53641	0.54%	0.050%
21	12.816	1667	1671	1674	rBV6	8534	12456	0.12%	0.012%
22	12.863	1676	1679	1682	rVB4	8117	10607	0.11%	0.010%
23	12.921	1685	1689	1693	rBV5	8891	14742	0.15%	0.014%
24	13.151	1723	1728	1732	rBV7	13691	22474	0.22%	0.021%
25	13.216	1735	1739	1742	rBV6	9968	13637	0.14%	0.013%
26	13.716	1817	1824	1828	rBV	3500297	4738852	47.37%	4.397%
27	13.763	1828	1832	1839	rVB	1127139	1539921	15.39%	1.429%
28	13.986	1863	1870	1878	rBV	3999727	6062879	60.61%	5.625%
29	14.239	1907	1913	1917	rBV4	17947	30744	0.31%	0.029%
30	14.298	1917	1923	1930	rVV2	2875353	4241598	42.40%	3.935%
31	14.492	1949	1956	1967	rBV	1342871	2021375	20.21%	1.875%
32	14.721	1991	1995	2003	rVB3	70712	112699	1.13%	0.105%
33	15.133	2060	2065	2068	rBV3	18551	24601	0.25%	0.023%
34	15.186	2069	2074	2077	rVB3	30416	37484	0.37%	0.035%

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35	15.298	2086	2093	2100	rBV	5108170	7297020	72.95%	6.770%
36	15.410	2106	2112	2124	rBV	1041384	1516935	15.16%	1.407%
37	15.539	2129	2134	2138	rVV	63529	89980	0.90%	0.083%
38	15.598	2142	2144	2147	rVB4	16204	17490	0.17%	0.016%
39	15.998	2208	2212	2214	rBV5	11053	15607	0.16%	0.014%
40	16.051	2217	2221	2223	rVV3	29666	40625	0.41%	0.038%
41	16.080	2223	2226	2234	rVB8	43319	70508	0.70%	0.065%
42	16.209	2245	2248	2252	rVB6	8813	11605	0.12%	0.011%
43	16.727	2333	2336	2340	rVB6	11867	16967	0.17%	0.016%
44	16.845	2351	2356	2360	rVB4	36387	50702	0.51%	0.047%
45	16.898	2362	2365	2370	rVB5	13881	16114	0.16%	0.015%
46	17.045	2383	2390	2396	rBV2	3489630	4903262	49.02%	4.549%
47	17.145	2400	2407	2417	rBV	5342475	7739329	77.37%	7.180%
48	17.245	2420	2424	2428	rBV4	35909	47204	0.47%	0.044%
49	17.580	2477	2481	2485	rBV2	26929	35347	0.35%	0.033%
50	17.962	2542	2546	2551	rBV3	73476	107776	1.08%	0.100%
51	18.268	2596	2598	2605	rVB5	32382	46391	0.46%	0.043%
52	18.909	2704	2707	2711	rBV5	28915	31390	0.31%	0.029%
53	19.074	2731	2735	2739	rBV	69456	96674	0.97%	0.090%
54	19.327	2774	2778	2784	rVB	58702	79170	0.79%	0.073%
55	19.439	2791	2797	2804	rBV	6837783	9089775	90.87%	8.433%
56	20.527	2979	2982	2987	rBV5	60997	69250	0.69%	0.064%
57	20.927	3045	3050	3054	rBV	391823	614135	6.14%	0.570%
58	20.980	3054	3059	3063	rVV	1703806	2187360	21.87%	2.029%
59	21.027	3063	3067	3074	rVB	2059103	2319681	23.19%	2.152%
60	21.233	3097	3102	3111	rBV	4776454	6047099	60.45%	5.610%
61	21.427	3132	3135	3138	rBV	162524	165025	1.65%	0.153%
62	21.856	3205	3208	3214	rBV2	255185	405901	4.06%	0.377%
63	23.297	3447	3453	3463	rVB	5474160	10002927	100.00%	9.280%
64	23.386	3465	3468	3471	rVV	441790	709722	7.10%	0.658%
65	23.438	3471	3477	3489	rVB	3450168	6422951	64.21%	5.959%

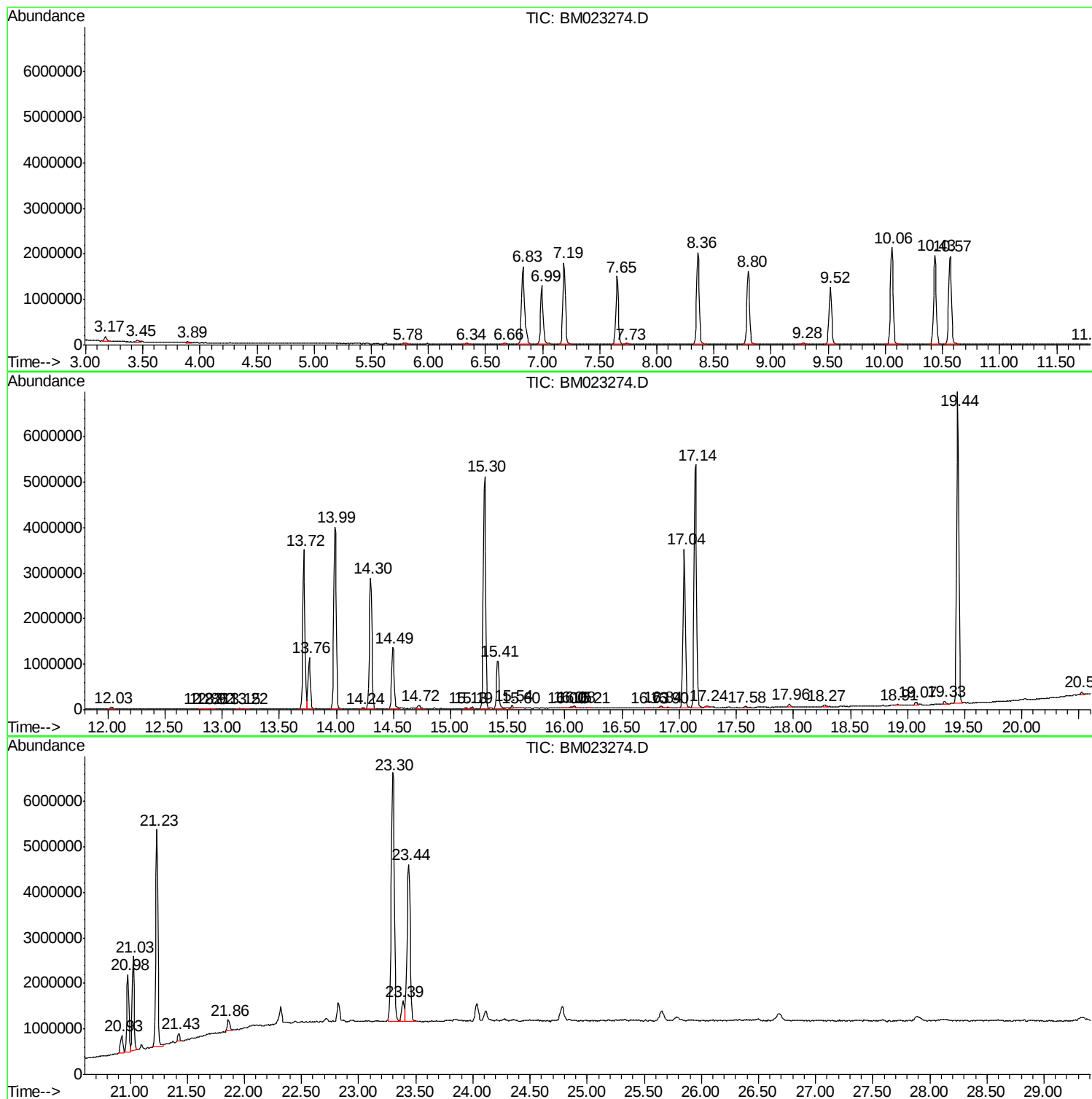
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Quant Title : SVOA CALIBRATION

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



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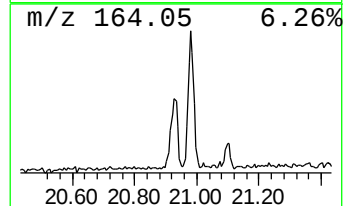
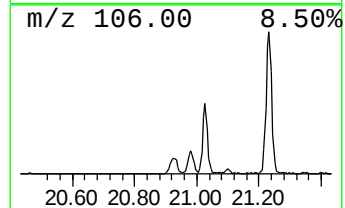
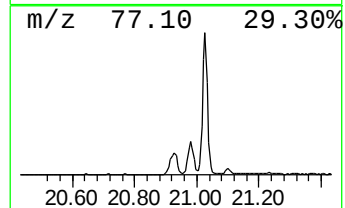
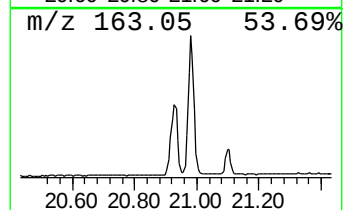
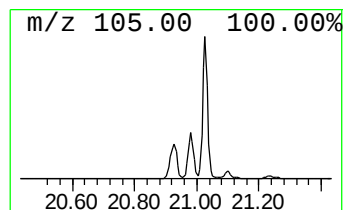
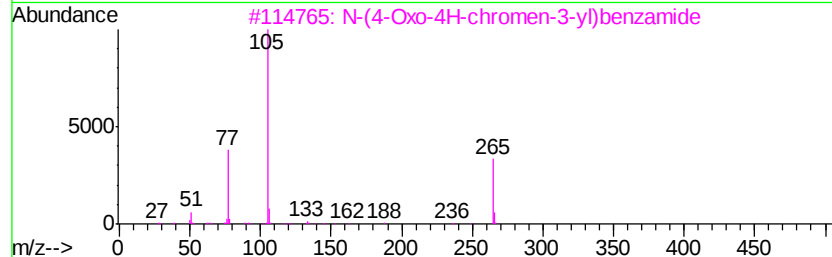
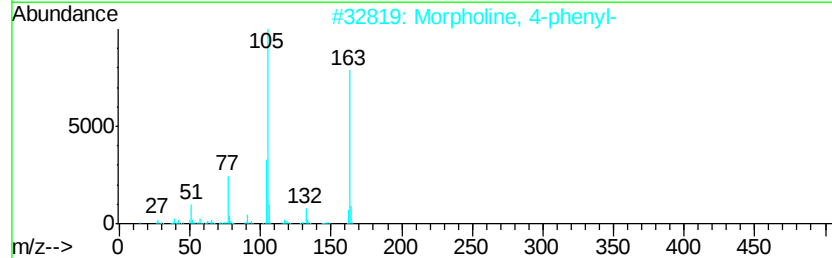
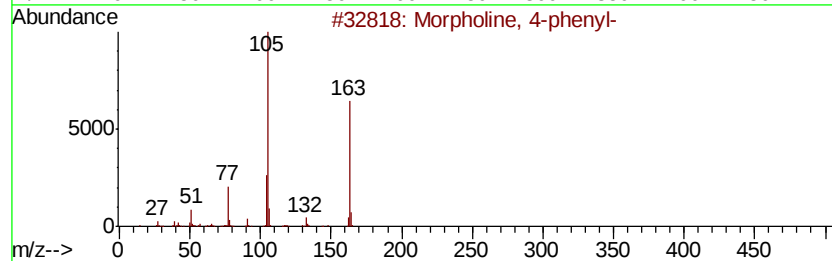
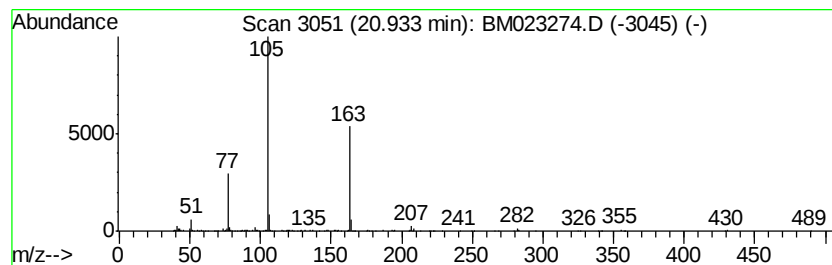
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.03 ng/ul	614135	Chrysene-d12	21.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Morpholine, 4-phenyl-	163 C10H13NO	000092-53-5 59
2		Morpholine, 4-phenyl-	163 C10H13NO	000092-53-5 50
3		N-(4-Oxo-4H-chromen-3-yl)benzamide	265 C16H11N03	1000243-49-5 35
4		2,6-Dimethylphenyl benzoate	226 C15H14O2	001871-36-9 27
5		Benzoic acid, anhydride	226 C14H10O3	000093-97-0 27



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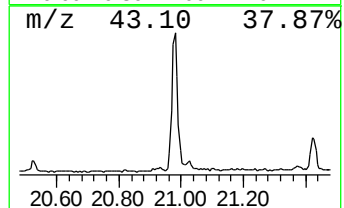
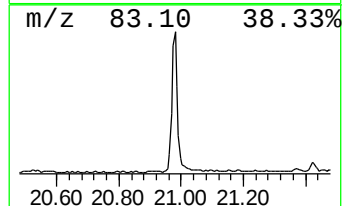
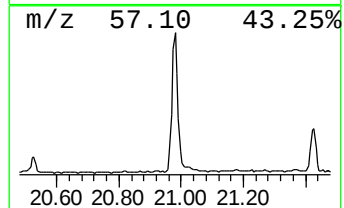
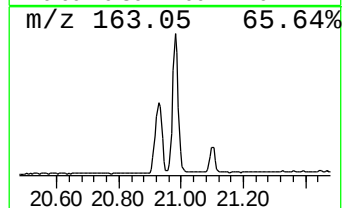
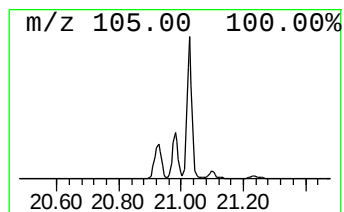
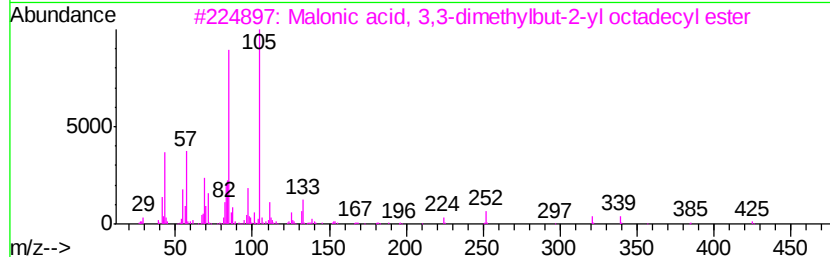
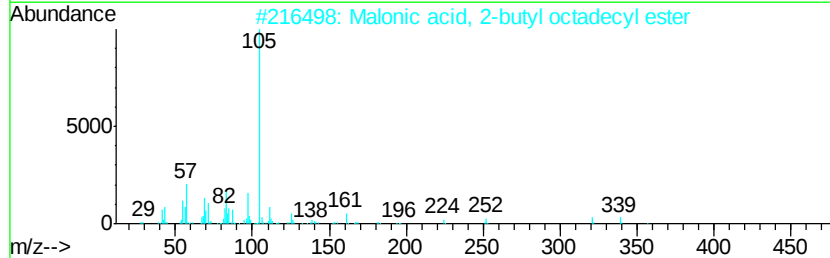
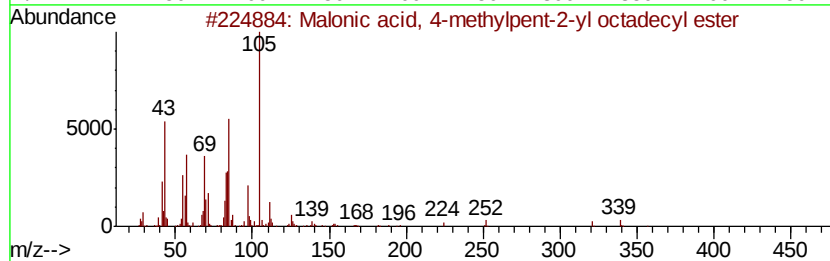
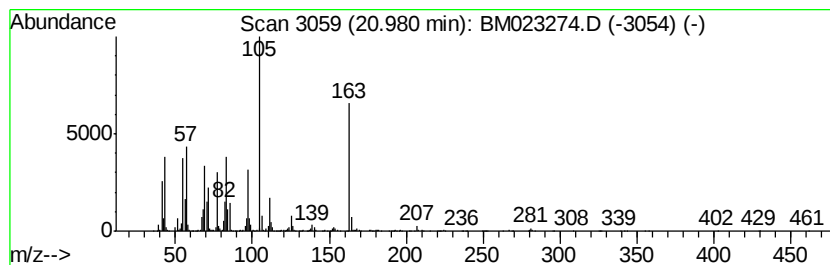
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	7.23 ng/ul	2187360	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Malonic acid, 4-methylpent-2-yl ...	440	C27H52O4	1000349-34-5	49
2		Malonic acid, 2-butyl octadecyl ...	412	C25H48O4	1000349-08-4	38
3		Malonic acid, 3,3-dimethylbut-2-...	440	C27H52O4	1000348-66-8	35
4		Malonic acid, 2-butyl hexadecyl ...	384	C23H44O4	1000349-08-2	35
5		Malonic acid, 2-butyl pentadecyl...	370	C22H42O4	1000349-08-0	27



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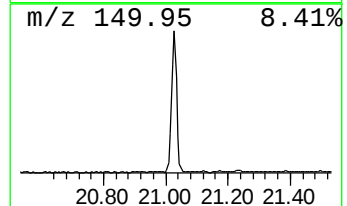
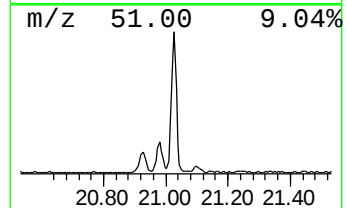
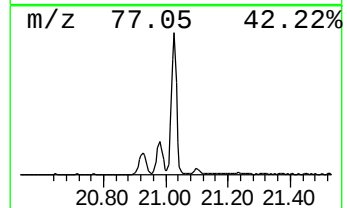
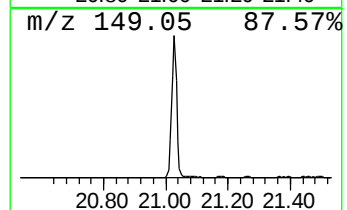
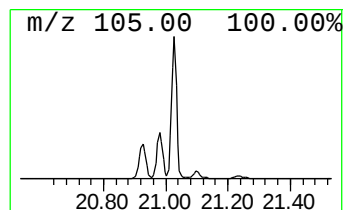
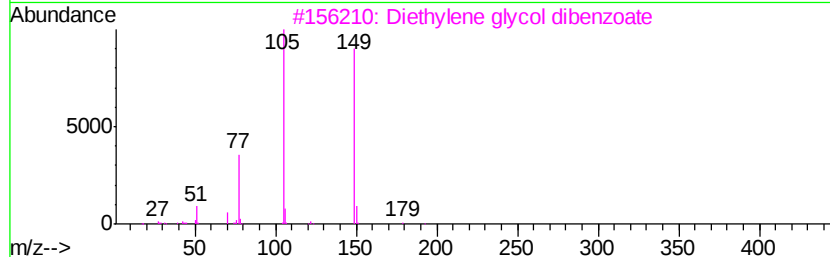
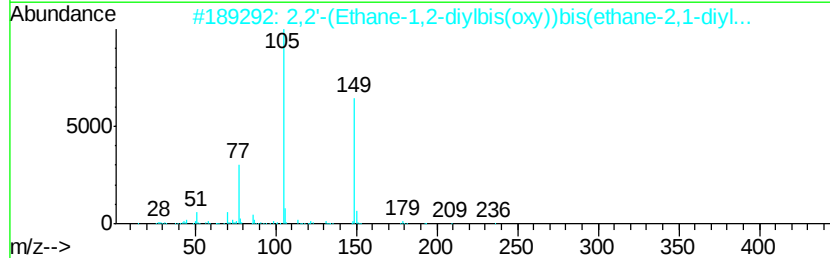
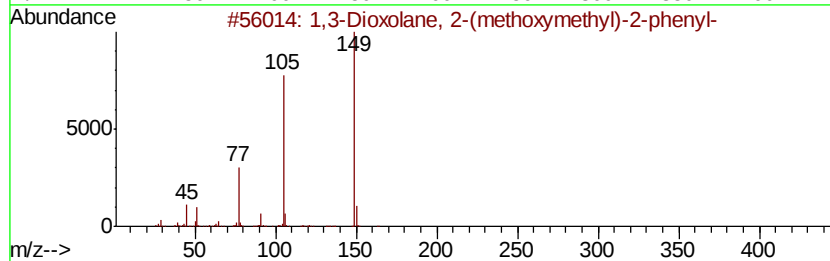
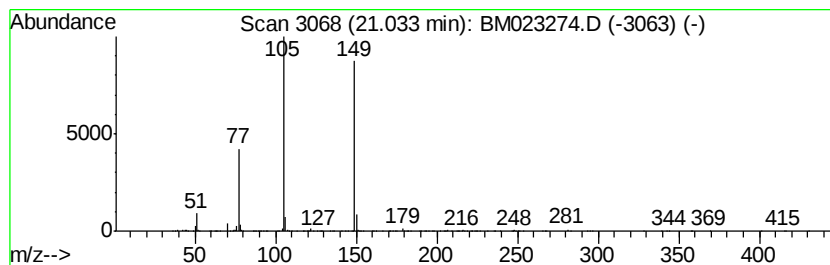
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	7.67 ng/ul	2319680	Chrysene-d12	21.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	74
2		2,2'-(Ethane-1,2-diylbis(oxv))bi...	358	C20H22O6	1000366-99-4	74
3		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
4		Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	72
5		3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	64



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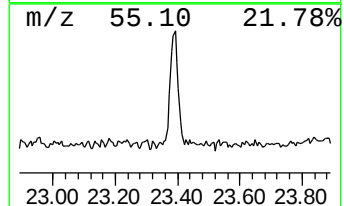
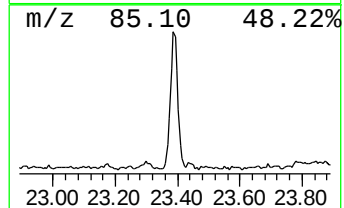
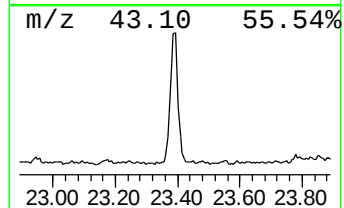
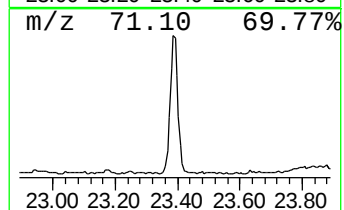
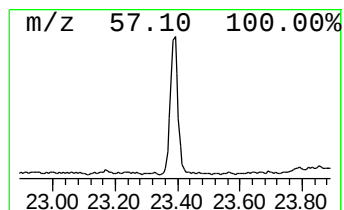
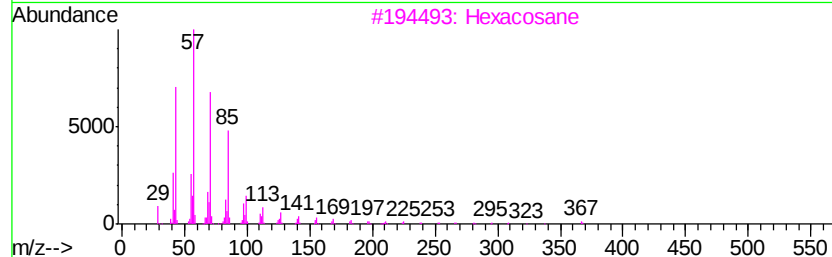
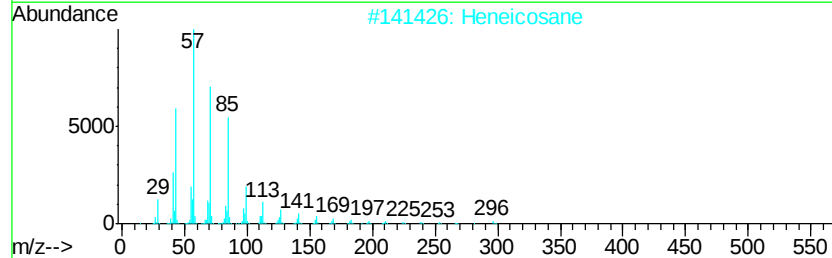
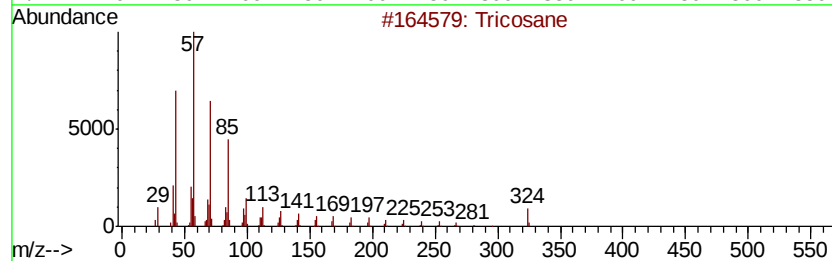
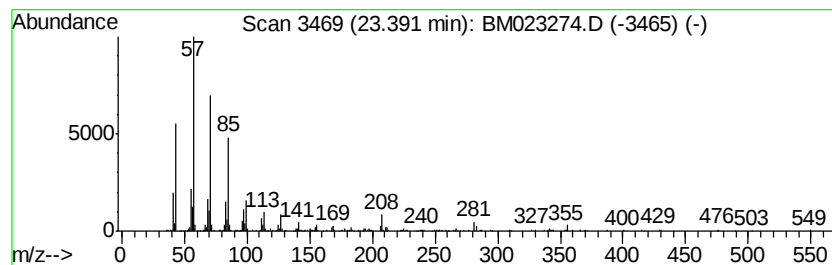
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	2.21 ng/ul	709722	Perylene-d12	23.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methylhexacosane	380	C27H56	1000376-72-7	90
5		Heptacosane	380	C27H56	000593-49-7	87



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ETOK9

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Morpholine, 4-phe...	20.93	2.0	ng/ul	614135	5	21.23	6047100	20.0
unknown-01	20.98	7.2	ng/ul	2187360	5	21.23	6047100	20.0
1,3-Dioxolane, 2-...	21.03	7.7	ng/ul	2319680	5	21.23	6047100	20.0
(DEL) Alkane: Str...	23.39	2.2	ng/ul	709722	6	23.44	6422950	20.0