

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
 Data File : BM008393.D
 Acq On : 17 Dec 2016 03:04
 Operator : UM/SJ
 Sample : H6067-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DA7F8

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.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	2.893	48	52	59	rVB	34130	48411	1.30%	0.135%
2	3.234	106	110	116	rVB	32290	45158	1.21%	0.126%
3	6.852	719	725	745	rBV2	454463	983128	26.36%	2.749%
4	7.005	746	751	765	rVB	391889	646985	17.35%	1.809%
5	7.199	778	784	799	rVB	553263	923144	24.75%	2.581%
6	7.663	856	863	874	rBV	421569	720634	19.32%	2.015%
7	8.375	978	984	998	rBV	566228	1081138	28.99%	3.023%
8	8.822	1053	1060	1079	rBV	477480	889559	23.85%	2.487%
9	9.540	1175	1182	1197	rBV	400925	757115	20.30%	2.117%
10	10.075	1267	1273	1293	rBV	479558	1089350	29.21%	3.046%
11	10.434	1327	1334	1342	rBV	583879	972801	26.08%	2.720%
12	10.599	1355	1362	1386	rBV	418941	1025943	27.51%	2.868%
13	13.722	1886	1893	1898	rBV	1111946	1664818	44.64%	4.655%
14	13.769	1898	1901	1916	rVB	243681	385417	10.33%	1.078%
15	13.992	1932	1939	1954	rBV	1302859	1999466	53.61%	5.590%
16	14.304	1982	1992	2000	rBV	836706	1261076	33.81%	3.526%
17	14.569	2032	2037	2056	rBV	171767	590994	15.85%	1.652%
18	14.728	2060	2064	2074	rVB9	14223	40647	1.09%	0.114%
19	15.151	2131	2136	2142	rVB2	35725	47426	1.27%	0.133%
20	15.304	2155	2162	2169	rBV	1624643	2429371	65.14%	6.792%
21	15.463	2183	2189	2199	rBV	345255	625067	16.76%	1.748%
22	15.551	2199	2204	2214	rVB7	34608	84026	2.25%	0.235%
23	16.010	2278	2282	2290	rBV	43916	75890	2.03%	0.212%
24	16.804	2413	2417	2422	rBV	38561	47217	1.27%	0.132%
25	17.057	2454	2460	2466	rBV	1036297	1475343	39.56%	4.125%
26	17.157	2471	2477	2489	rVV	1771496	2688674	72.09%	7.517%
27	17.951	2606	2612	2621	rBV2	102352	177159	4.75%	0.495%
28	18.027	2621	2625	2632	rVB	29058	43011	1.15%	0.120%
29	18.816	2754	2759	2766	rBV4	37247	58938	1.58%	0.165%
30	19.233	2826	2830	2836	rBV5	35821	56291	1.51%	0.157%
31	19.457	2862	2868	2881	rBV	2223787	3331551	89.33%	9.315%
32	19.968	2950	2955	2957	rBV6	40491	61625	1.65%	0.172%
33	20.327	3013	3016	3019	rBV	74024	75118	2.01%	0.210%
34	20.386	3023	3026	3031	rVB3	74411	92598	2.48%	0.259%

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35	20.486	3039	3043	3048	rBV2	82581	111154	2.98%	0.311%
36	20.927	3112	3118	3120	rBV2	193371	351702	9.43%	0.983%
37	20.951	3120	3122	3124	rVV	270006	306779	8.23%	0.858%
38	20.974	3124	3126	3132	rVV	304678	390427	10.47%	1.092%
39	21.033	3133	3136	3142	rVV	152419	209124	5.61%	0.585%
40	21.098	3145	3147	3151	rVV2	44265	48865	1.31%	0.137%
41	21.157	3154	3157	3162	rVV	106763	130034	3.49%	0.364%
42	21.257	3169	3174	3185	rBV	1425622	2014945	54.03%	5.634%
43	23.345	3521	3529	3541	rBV2	1824293	3729626	100.00%	10.428%
44	23.486	3546	3553	3564	rVB	981105	1978557	53.05%	5.532%

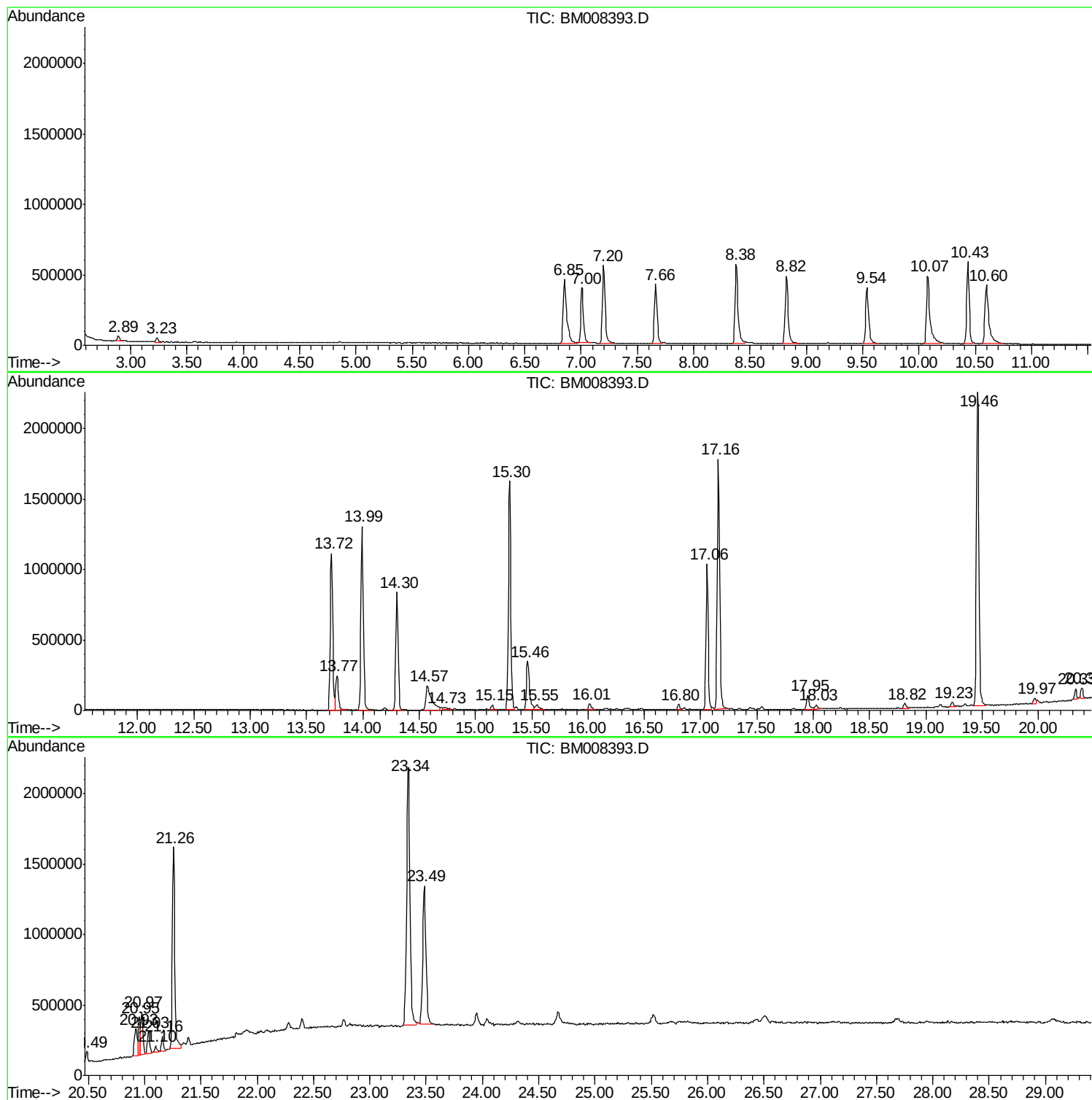
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
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TIC Library : C:\DATABASE\NIST02.L
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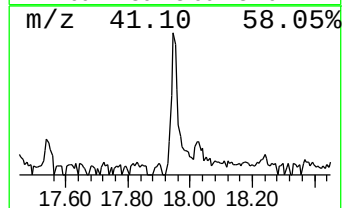
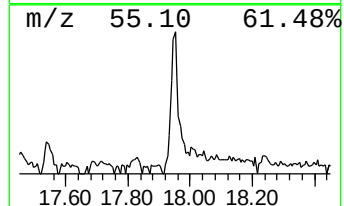
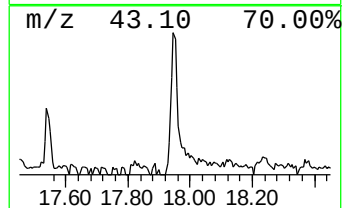
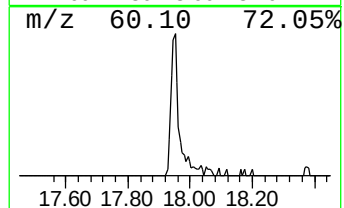
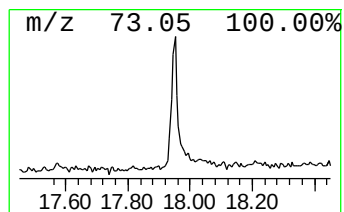
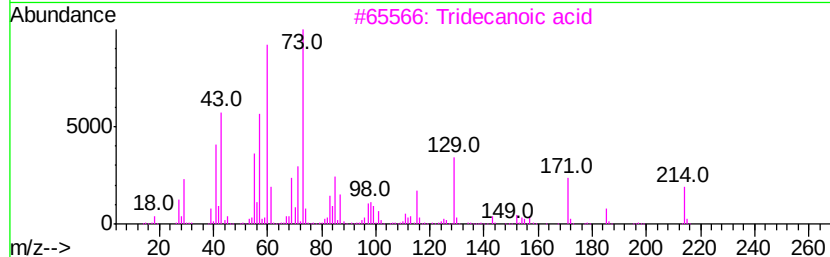
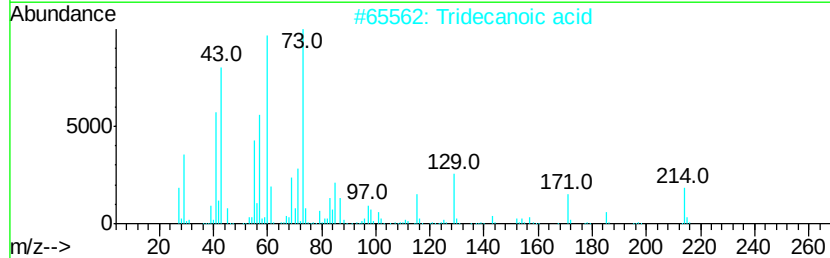
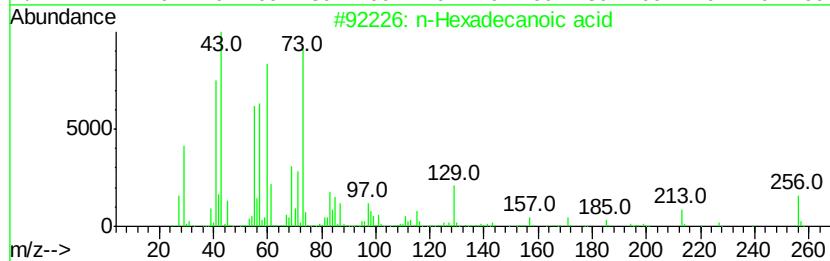
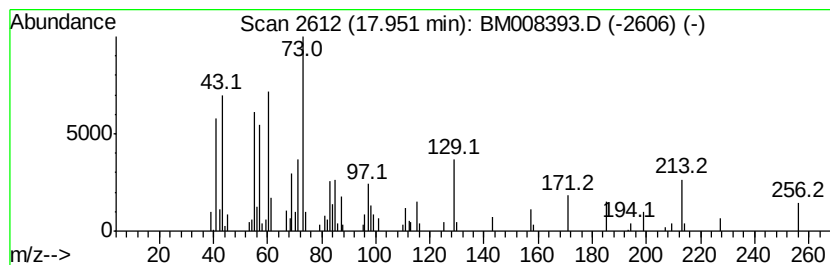
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	2.40 ng/ul	177159	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
2		Tridecanoic acid	214	C13H26O2	000638-53-9	64
3		Tridecanoic acid	214	C13H26O2	000638-53-9	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5		Undecanoic acid	186	C11H22O2	000112-37-8	50



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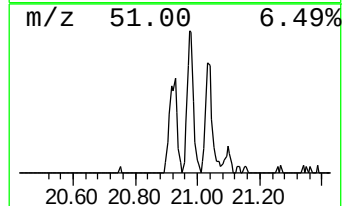
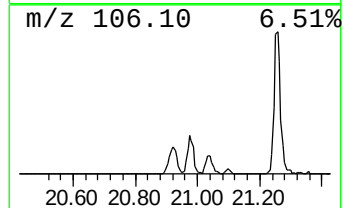
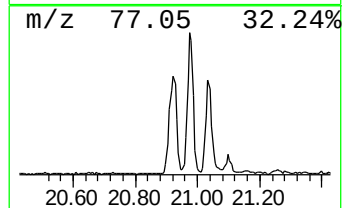
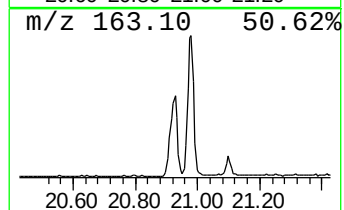
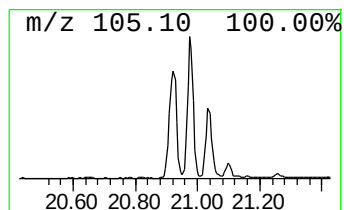
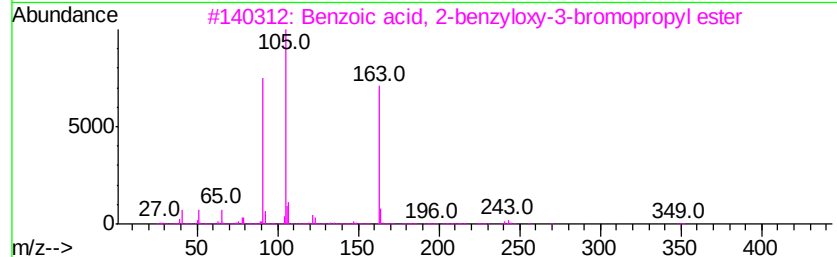
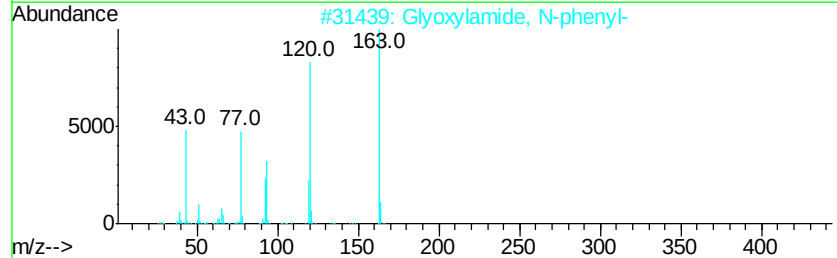
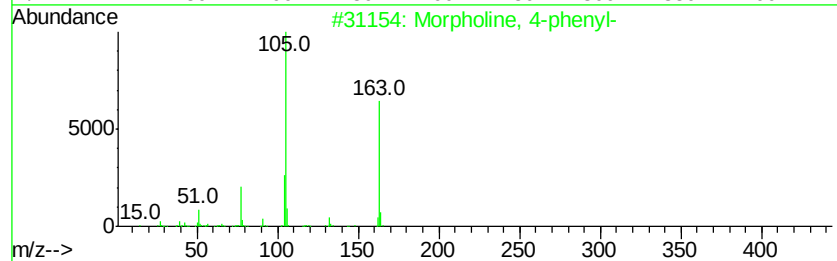
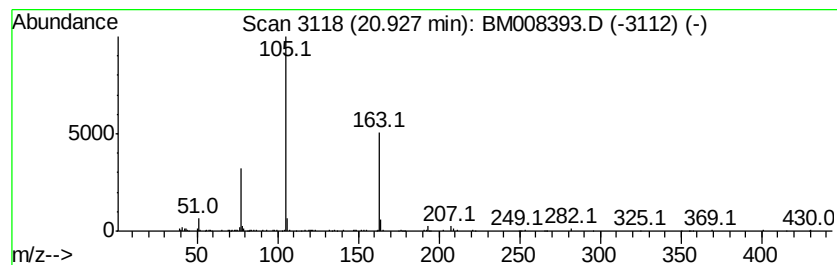
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Peak Number 2 Morpholine, 4-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	3.49 ng/ul	351702	Chrysene-d12	21.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Morpholine, 4-phenyl-	163 C10H13NO	000092-53-5 59
2		Glyoxylamide, N-phenyl-	163 C9H9NO2	032331-52-5 47
3		Benzoic acid, 2-benzoyloxy-3-brom...	348 C17H17BrO3	1000191-33-3 40
4		Benzamide, N-benzoyl-N-(2-triflu...	369 C21H14F3NO2	1000262-58-9 35
5		Ethanone, 2-bromo-1,2-diphenyl-	274 C14H11BrO	001484-50-0 27



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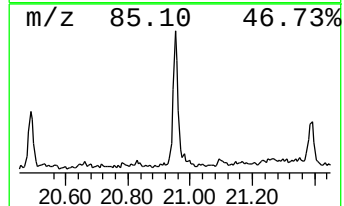
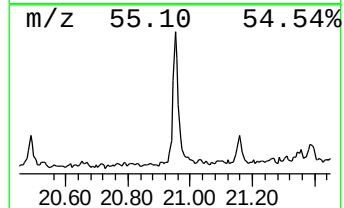
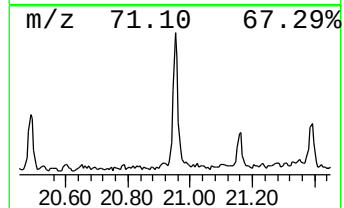
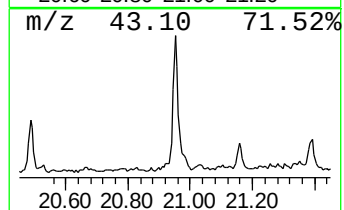
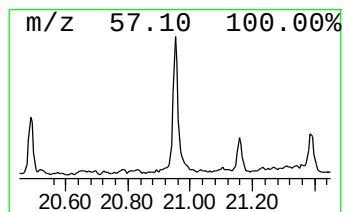
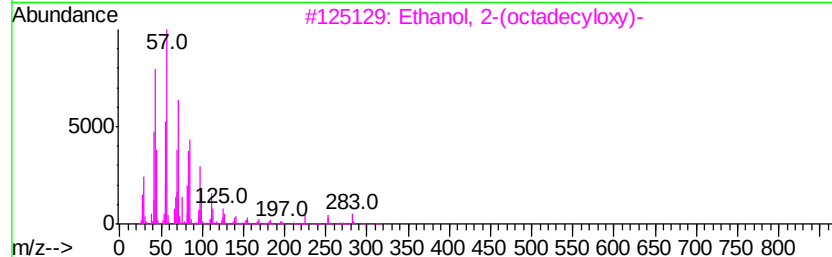
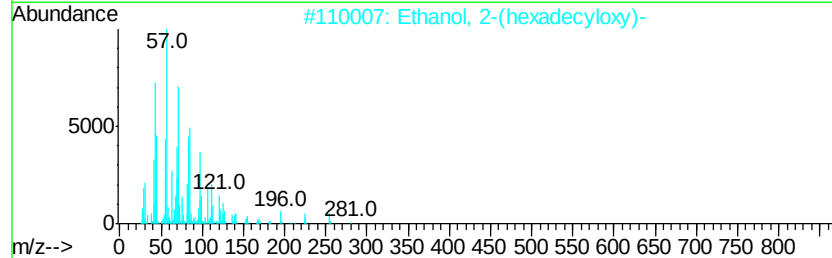
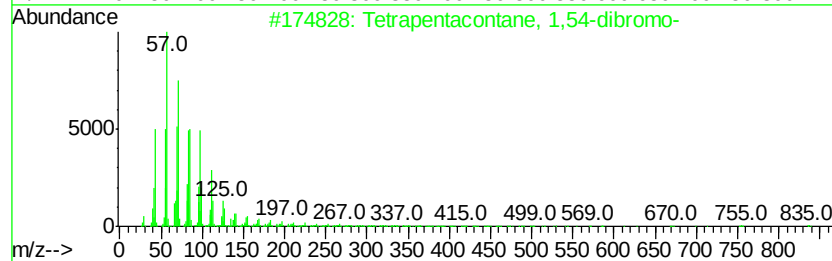
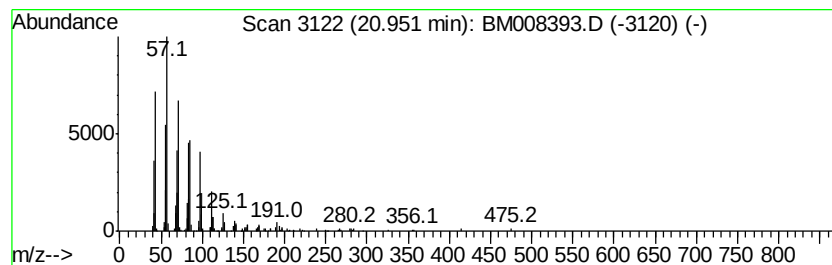
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Tetrapentacontane, 1,54-dib... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	3.05 ng/ul	306779	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	91
2		Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	80
3		Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	68
4		1-Heptacosanol	396	C27H56O	002004-39-9	64
5		9-Eicosene, (E)-	280	C20H40	074685-29-3	62



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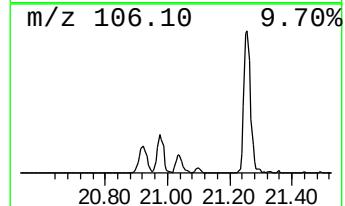
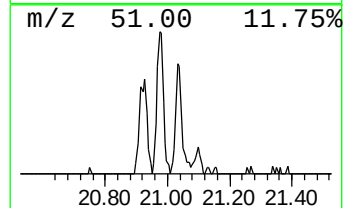
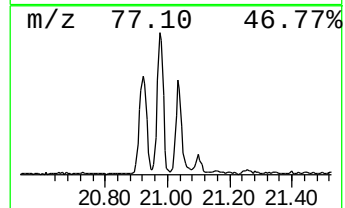
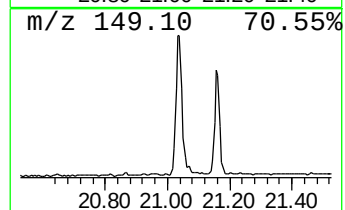
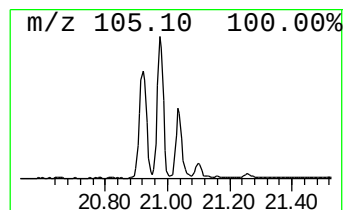
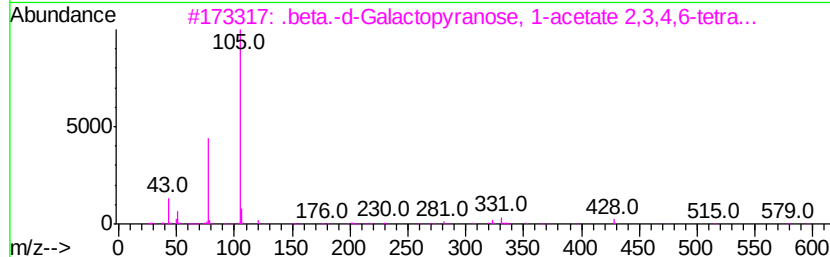
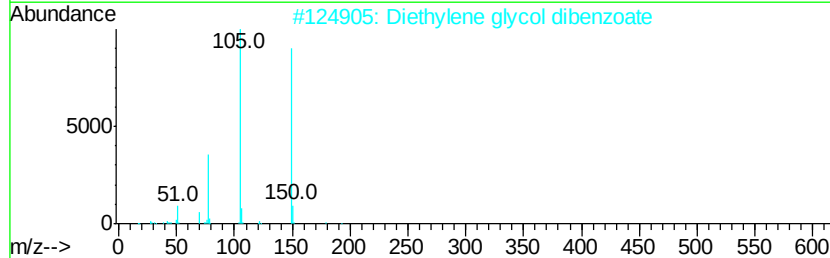
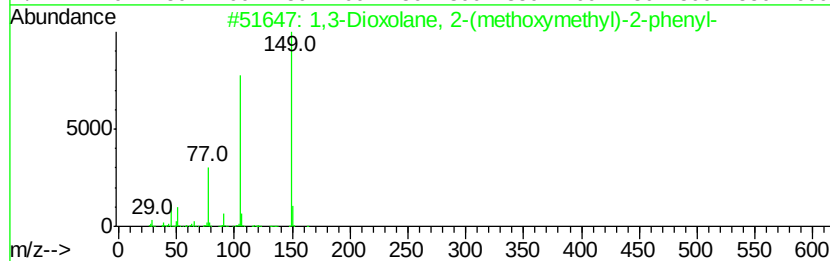
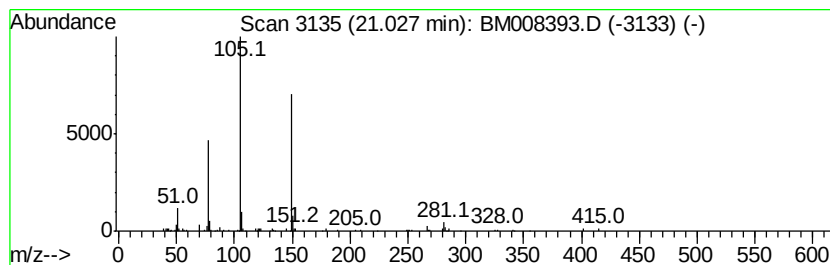
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Peak Number 5 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.08 ng/ul	209124	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	72
2		Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	58
3		.beta.-d-Galactopyranose, 1-acet...	638	C36H30O11	050820-75-2	43
4		Benzenebutanoic acid, .gamma.-ox...	192	C11H12O3	025333-24-8	38
5		N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.95	2.4	ng/ul	177159	4	17.06	1475340	20.0
Morpholine, 4-phe...	20.93	3.5	ng/ul	351702	5	21.26	2014950	20.0
Tetrapentacontane...	20.95	3.0	ng/ul	306779	5	21.26	2014950	20.0
1,3-Dioxolane, 2-...	21.03	2.1	ng/ul	209124	5	21.26	2014950	20.0