

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082020\
 Data File : BN011535.D
 Acq On : 20 Aug 2020 22:04
 Operator : CG/JU
 Sample : L3668-21
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFX2

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_N\METHODS\SOM-EPA-BN081420MA.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	3.111	17	21	26	rVB2	23803	33884	0.98%	0.121%
2	3.693	116	120	124	rVB4	8035	11694	0.34%	0.042%
3	3.776	132	134	138	rVB4	11410	13677	0.40%	0.049%
4	5.558	435	437	441	rBV3	3555	4692	0.14%	0.017%
5	6.628	612	619	626	rBV	69408	120145	3.48%	0.430%
6	6.781	639	645	655	rBV	261274	428785	12.43%	1.535%
7	6.969	670	677	688	rVB	359798	595864	17.28%	2.134%
8	7.422	748	754	764	rBV	404695	619950	17.97%	2.220%
9	8.134	869	875	885	rBV	223236	361330	10.48%	1.294%
10	8.563	941	948	956	rBV	391802	657874	19.07%	2.356%
11	9.005	1018	1023	1027	rBV4	6826	10503	0.30%	0.038%
12	9.269	1061	1068	1078	rBV	299755	493321	14.30%	1.766%
13	9.799	1152	1158	1175	rBV	414133	772200	22.39%	2.765%
14	10.163	1214	1220	1227	rVV	530758	872237	25.29%	3.123%
15	10.210	1227	1228	1234	rVB	12959	14554	0.42%	0.052%
16	10.334	1242	1249	1259	rVB2	17435	36312	1.05%	0.130%
17	10.563	1283	1288	1290	rBV2	2771	4687	0.14%	0.017%
18	11.487	1437	1445	1448	rBV3	13474	19970	0.58%	0.072%
19	11.775	1487	1494	1498	rBV4	6299	11251	0.33%	0.040%
20	12.981	1693	1699	1701	rBV5	3595	5016	0.15%	0.018%
21	13.481	1778	1784	1789	rBV	1095126	1479623	42.90%	5.298%
22	13.528	1789	1792	1801	rVB	349412	478001	13.86%	1.711%
23	13.740	1822	1828	1836	rBV	1218979	1720528	49.88%	6.160%
24	13.928	1857	1860	1864	rVB3	2863	3651	0.11%	0.013%
25	13.998	1867	1872	1874	rBV2	3123	3805	0.11%	0.014%
26	14.057	1874	1882	1889	rVV	896079	1263021	36.62%	4.522%
27	14.298	1918	1923	1937	rBV3	36950	81070	2.35%	0.290%
28	14.740	1994	1998	2003	rVB3	4189	5215	0.15%	0.019%
29	14.957	2031	2035	2037	rVB3	3570	4373	0.13%	0.016%
30	15.057	2045	2052	2065	rBV	1408645	1996635	57.89%	7.149%
31	15.198	2070	2076	2090	rVV	378973	546786	15.85%	1.958%
32	15.298	2090	2093	2099	rVB3	15575	20918	0.61%	0.075%
33	15.763	2170	2172	2176	rVB3	3210	3612	0.10%	0.013%
34	15.851	2183	2187	2192	rVB5	5081	8058	0.23%	0.029%

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35	16.069	2219	2224	2228	rBV3	12598	17636	0.51%	0.063%
36	16.228	2249	2251	2257	rVB4	3555	3733	0.11%	0.013%
37	16.616	2314	2317	2319	rVB2	3797	4807	0.14%	0.017%
38	16.810	2344	2350	2360	rBV	1036945	1443246	41.84%	5.168%
39	16.910	2361	2367	2384	rVV	1751987	2353113	68.22%	8.425%
40	17.298	2430	2433	2436	rBV2	2823	3911	0.11%	0.014%
41	17.504	2465	2468	2471	rBV4	7007	8607	0.25%	0.031%
42	17.751	2504	2510	2514	rBV	119396	168477	4.88%	0.603%
43	18.428	2622	2625	2628	rBV5	3164	5124	0.15%	0.018%
44	18.498	2634	2637	2639	rBV3	4159	5435	0.16%	0.019%
45	18.557	2641	2647	2652	rVB6	7736	15653	0.45%	0.056%
46	18.692	2669	2670	2673	rVB2	5137	3450	0.10%	0.012%
47	18.822	2688	2692	2693	rBV3	3433	3950	0.11%	0.014%
48	18.863	2693	2699	2702	rVV3	15971	25105	0.73%	0.090%
49	18.898	2702	2705	2708	rBV4	4761	6030	0.17%	0.022%
50	19.045	2726	2730	2733	rBV6	21014	29723	0.86%	0.106%
51	19.104	2736	2740	2746	rVV2	23916	41221	1.20%	0.148%
52	19.222	2754	2760	2768	rBV	2686032	3449181	100.00%	12.350%
53	19.781	2853	2855	2859	rBV4	19712	25574	0.74%	0.092%
54	19.886	2871	2873	2874	rBV	7403	5739	0.17%	0.021%
55	20.480	2971	2974	2978	rBV6	28643	34118	0.99%	0.122%
56	20.780	3021	3025	3031	rBV2	689311	888033	25.75%	3.180%
57	20.833	3031	3034	3042	rVB	153059	216675	6.28%	0.776%
58	21.033	3063	3068	3076	rBV	1430358	1815868	52.65%	6.502%
59	23.010	3398	3404	3411	rBV	1543839	2605844	75.55%	9.330%
60	23.139	3420	3426	3435	rVB2	950815	1635730	47.42%	5.857%
61	23.663	3512	3515	3521	rVB4	103326	158024	4.58%	0.566%
62	23.739	3524	3528	3536	rVB6	126027	251557	7.29%	0.901%

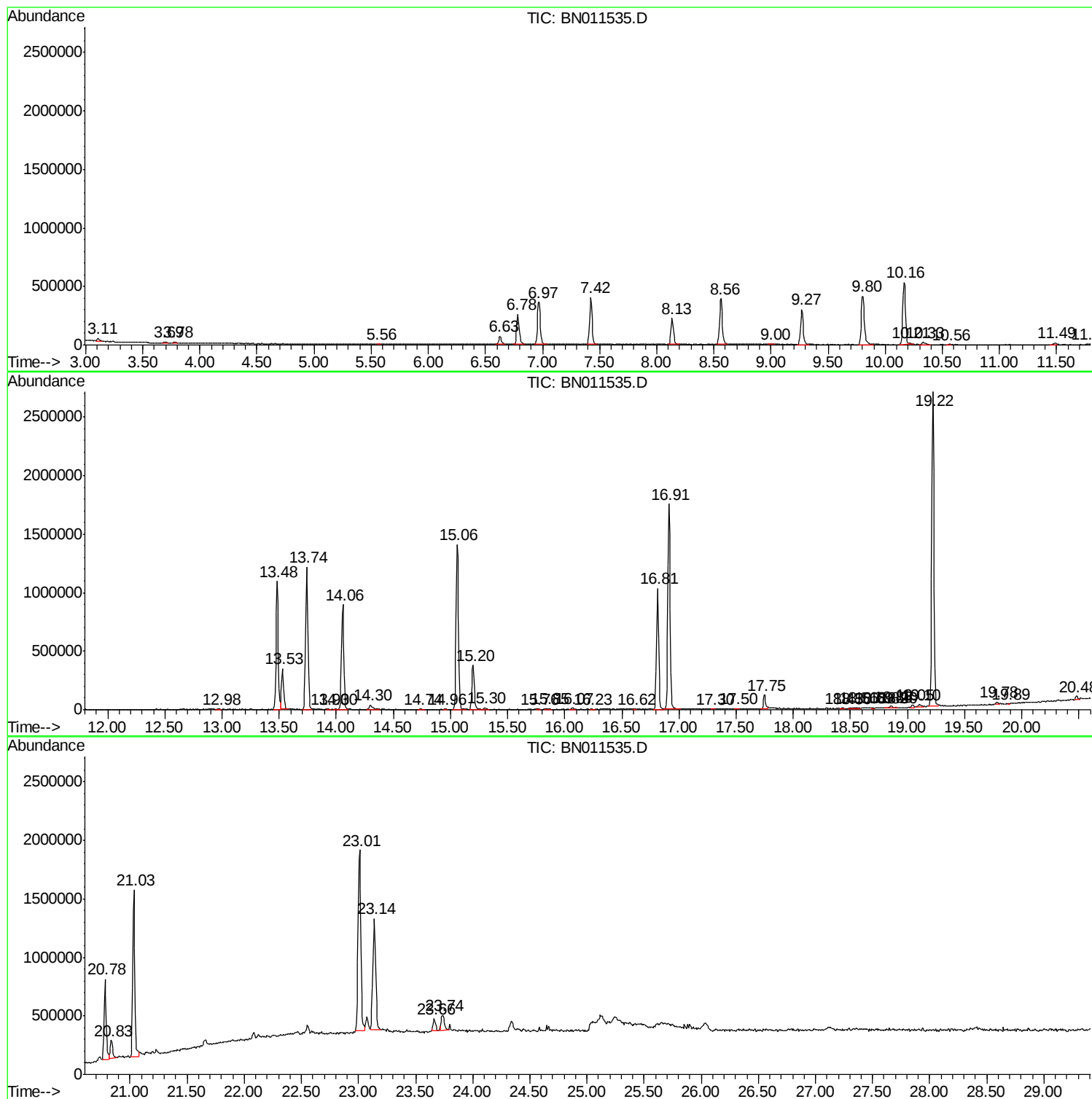
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TIC Library : C:\DATABASE\NIST11.L
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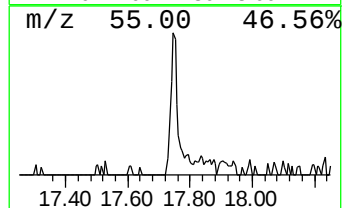
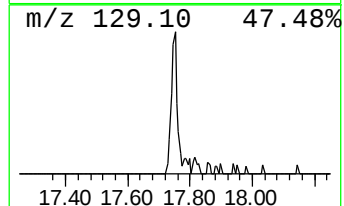
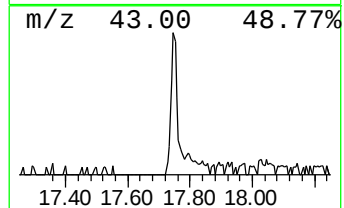
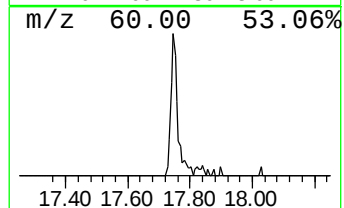
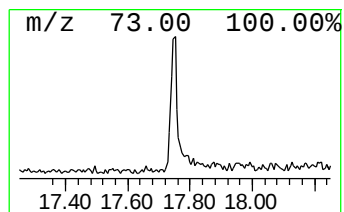
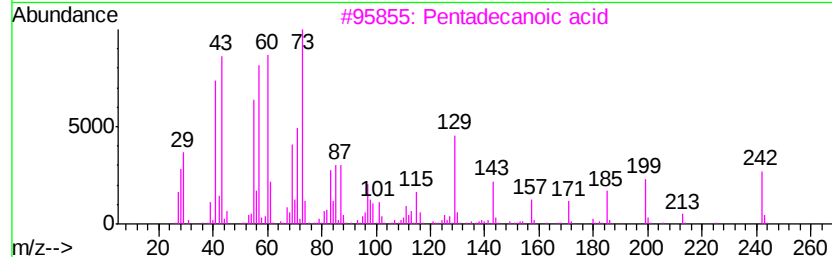
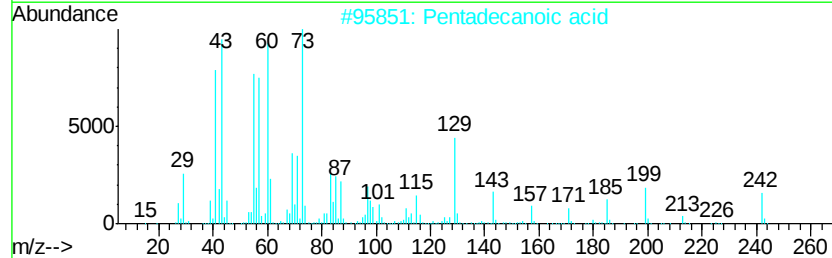
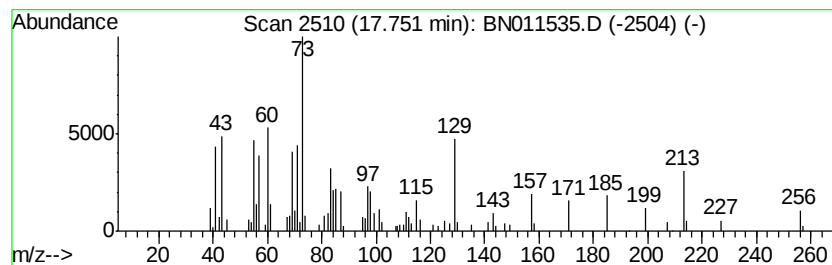
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	2.33 ng/ul	168477	Phenanthrene-d10	16.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47	



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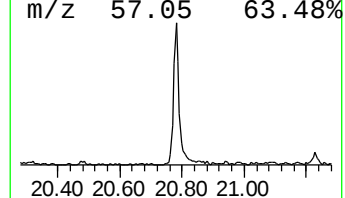
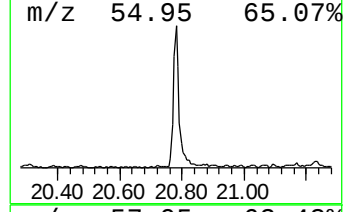
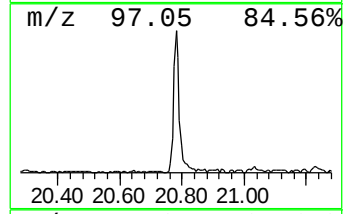
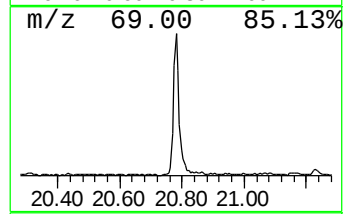
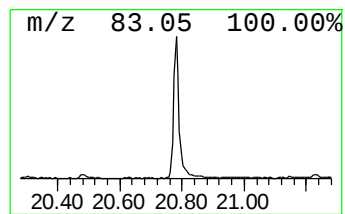
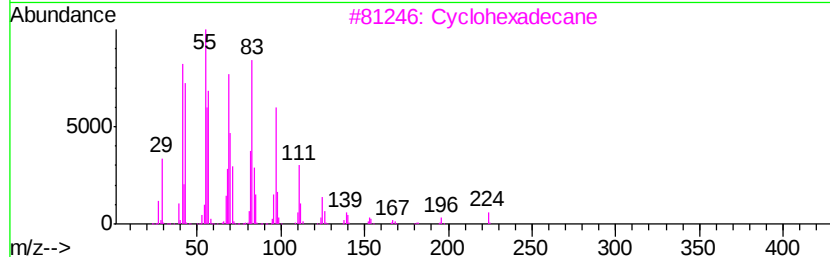
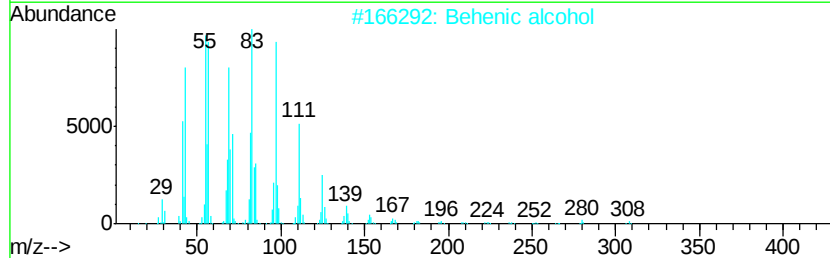
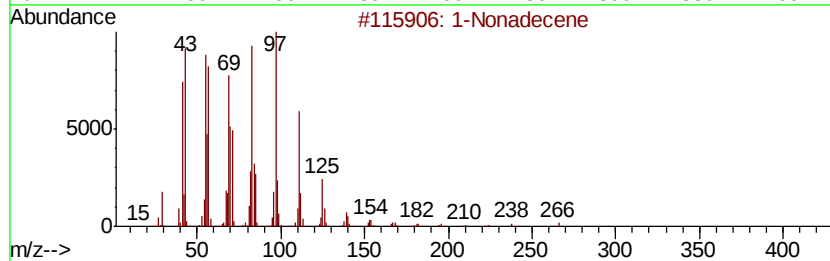
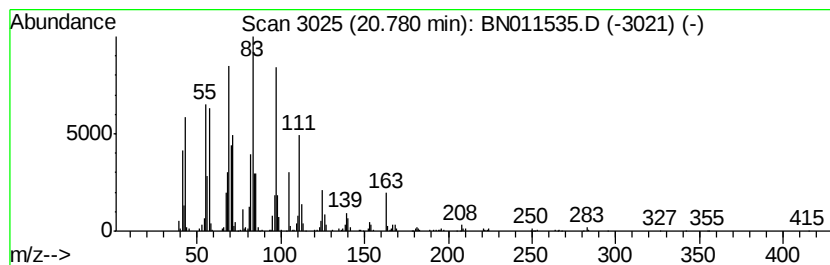
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.78	9.78 ng/ul	888033	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Cvclohexadecane	224	C16H32	000295-65-8	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91



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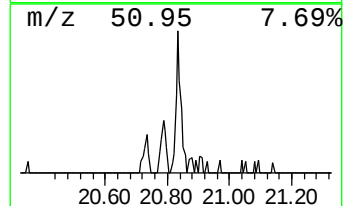
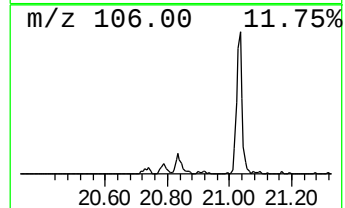
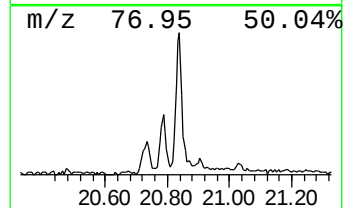
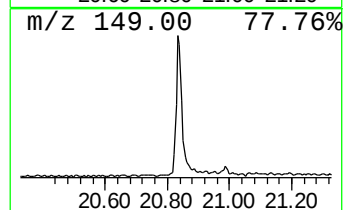
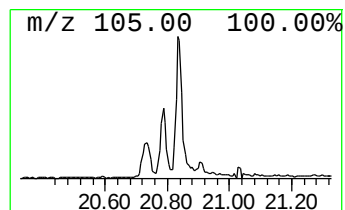
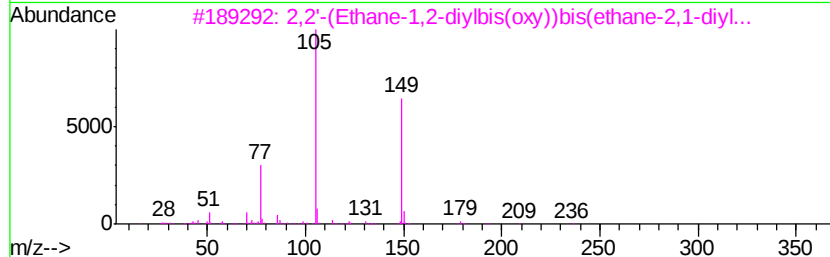
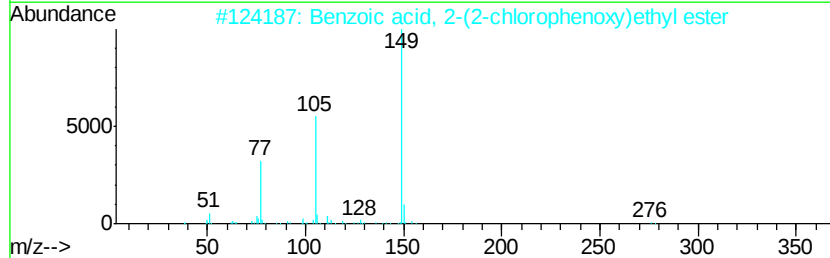
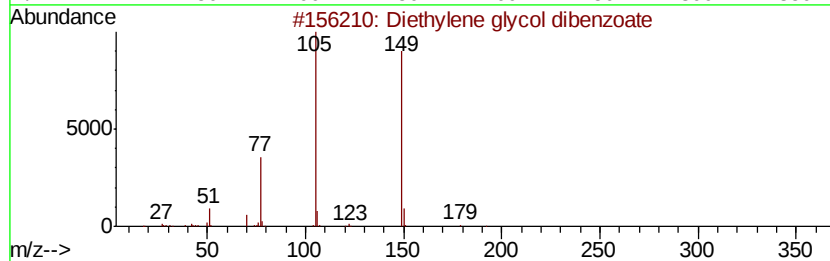
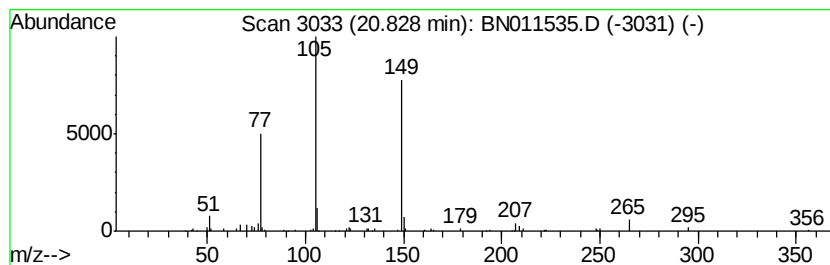
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	2.39 ng/ul	216675	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	86
2		Benzoic acid, 2-(2-chlorophenoxy)ethyl ester	276	C15H13ClO3	1000368-25-9	78
3		2,2'-(Ethane-1,2-diylbis(oxy))bis(ethane-2,1-diyl...)	358	C20H22O6	1000366-99-4	78
4		1,3-Dioxolane, 2-tert-butyl-2-phenyl-	206	C13H18O2	006135-60-0	78
5		3,6,9,12-Tetraoxatetradecane-1,11-diol	446	C24H30O8	1000366-97-0	64



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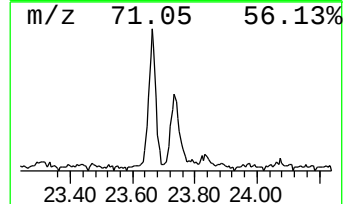
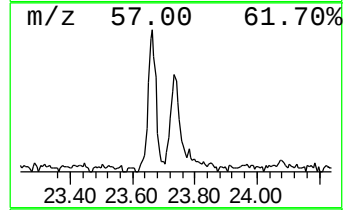
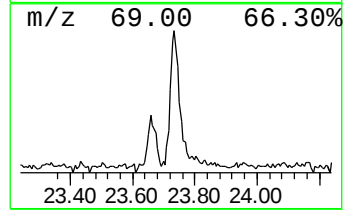
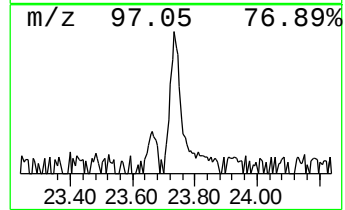
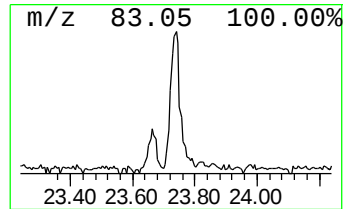
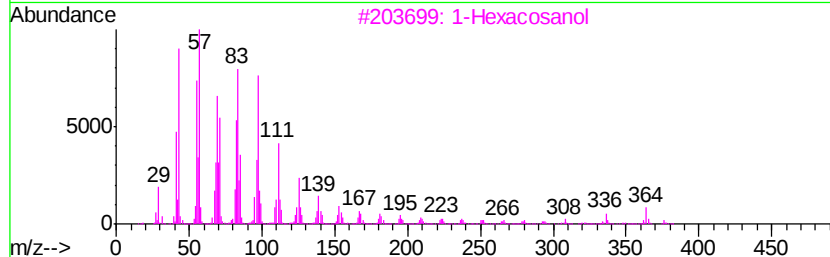
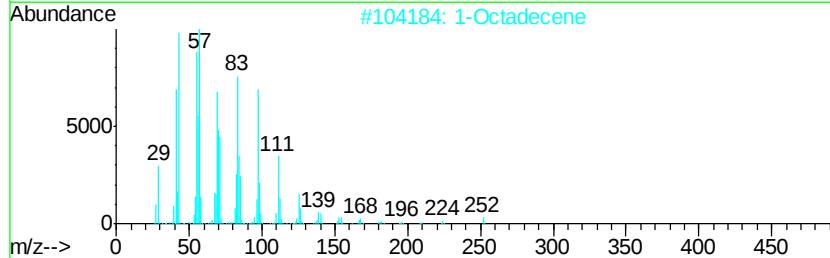
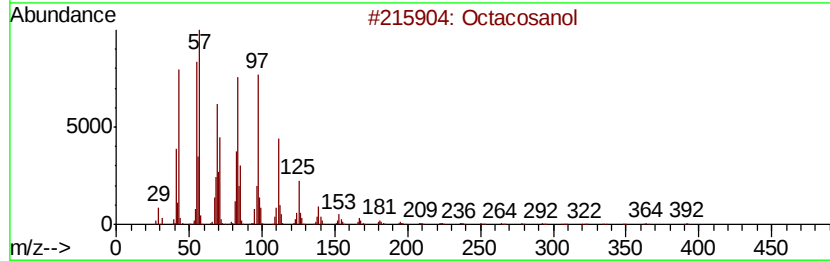
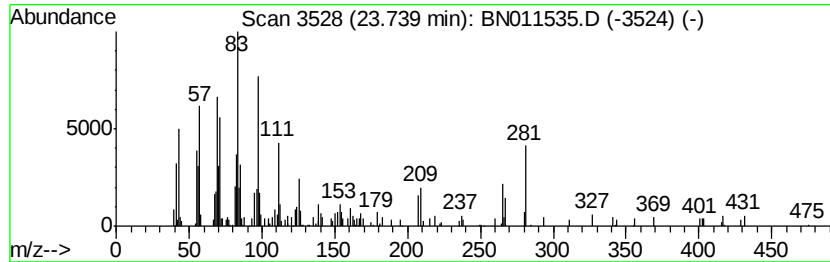
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	3.08 ng/ul	251557	Perylene-d12	23.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	70
2		1-Octadecene	252	C18H36	000112-88-9	58
3		1-Hexacosanol	382	C26H54O	000506-52-5	58
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	55
5		1-Heptacosanol	396	C27H56O	002004-39-9	53



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.75	2.3	ng/ul	168477	4	16.81	1443250	20.0
(DEL) Alkane: Str...	20.78	9.8	ng/ul	888033	5	21.03	1815870	20.0
Diethylene glycol...	20.83	2.4	ng/ul	216675	5	21.03	1815870	20.0
Octacosanol	23.74	3.1	ng/ul	251557	6	23.14	1635730	20.0