

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090320\
 Data File : BM027312.D
 Acq On : 03 Sep 2020 11:59
 Operator : JU/CG
 Sample : L3840-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE3

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-BM082520MA.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	3.140	22	26	36	rVB	54149	68927	1.61%	0.154%
2	3.769	125	133	140	rBV4	10411	23257	0.54%	0.052%
3	3.852	144	147	152	rVB3	9596	12222	0.29%	0.027%
4	4.746	295	299	302	rVB2	3720	4959	0.12%	0.011%
5	6.757	635	641	651	rBV	757008	1199456	28.06%	2.684%
6	6.881	658	662	663	rBV3	6047	7199	0.17%	0.016%
7	6.916	663	668	679	rVB	607495	956644	22.38%	2.141%
8	7.116	695	702	716	rBV	862045	1356132	31.73%	3.035%
9	7.216	716	719	725	rBV4	9059	14445	0.34%	0.032%
10	7.575	773	780	788	rBV	538847	844135	19.75%	1.889%
11	8.281	894	900	915	rBV	953213	1525209	35.68%	3.413%
12	8.716	967	974	985	rBV	809114	1286606	30.10%	2.879%
13	9.434	1089	1096	1106	rBV	680959	1101368	25.77%	2.465%
14	9.975	1180	1188	1204	rBV	1051641	1763192	41.25%	3.946%
15	10.345	1243	1251	1259	rVB	686493	1105871	25.87%	2.475%
16	10.481	1267	1274	1294	rBV	922960	1573938	36.82%	3.522%
17	11.945	1517	1523	1529	rBV3	11820	19580	0.46%	0.044%
18	12.833	1669	1674	1679	rBV4	3838	5849	0.14%	0.013%
19	13.133	1719	1725	1731	rBV2	10773	14994	0.35%	0.034%
20	13.633	1804	1810	1815	rBV	1889954	2550731	59.67%	5.708%
21	13.680	1815	1818	1824	rVB	229100	289255	6.77%	0.647%
22	13.904	1849	1856	1870	rBV	2075034	2940109	68.78%	6.579%
23	14.216	1902	1909	1917	rBV	1099971	1558129	36.45%	3.487%
24	14.422	1938	1944	1959	rBV	557878	888690	20.79%	1.989%
25	14.669	1982	1986	1992	rVB5	5124	10324	0.24%	0.023%
26	15.057	2046	2052	2056	rVB5	3670	5659	0.13%	0.013%
27	15.216	2072	2079	2088	rBV	2643520	3595612	84.12%	8.046%
28	15.333	2094	2099	2112	rBV	547233	792963	18.55%	1.775%
29	15.457	2115	2120	2126	rVB	29718	42810	1.00%	0.096%
30	15.998	2209	2212	2219	rVB3	9104	11960	0.28%	0.027%
31	16.404	2277	2281	2288	rVB6	2728	5403	0.13%	0.012%
32	16.751	2336	2340	2348	rVB2	5273	8548	0.20%	0.019%
33	16.963	2369	2376	2385	rBV	1382145	1831998	42.86%	4.100%
34	17.063	2386	2393	2409	rBV	2775733	3809197	89.11%	8.524%

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35	17.892	2528	2534	2542	rBV	509590	731187	17.11%	1.636%
36	18.568	2646	2649	2652	rVB5	4078	4312	0.10%	0.010%
37	18.692	2668	2670	2676	rVB7	5768	5967	0.14%	0.013%
38	18.827	2689	2693	2696	rBV5	6988	9990	0.23%	0.022%
39	18.998	2717	2722	2725	rBV	26962	38032	0.89%	0.085%
40	19.057	2730	2732	2735	rVB4	6819	6488	0.15%	0.015%
41	19.174	2747	2752	2760	rBV	171274	280804	6.57%	0.628%
42	19.245	2761	2764	2769	rVB	29025	49255	1.15%	0.110%
43	19.362	2778	2784	2790	rBV	3394709	4274587	100.00%	9.566%
44	19.445	2796	2798	2803	rVB5	14947	16755	0.39%	0.037%
45	19.909	2874	2877	2880	rBV5	14293	20287	0.47%	0.045%
46	19.951	2882	2884	2886	rVB3	13370	11084	0.26%	0.025%
47	20.445	2966	2968	2971	rVB2	21002	20284	0.47%	0.045%
48	20.903	3042	3046	3054	rBV2	420701	563729	13.19%	1.262%
49	21.162	3085	3090	3098	rBV	1462154	1866672	43.67%	4.177%
50	21.350	3119	3122	3127	rBV3	56792	65989	1.54%	0.148%
51	22.215	3266	3269	3275	rVB6	70500	125032	2.93%	0.280%
52	23.203	3430	3437	3445	rBV	2085751	3613500	84.53%	8.086%
53	23.339	3454	3460	3471	rVB	1026346	1756610	41.09%	3.931%

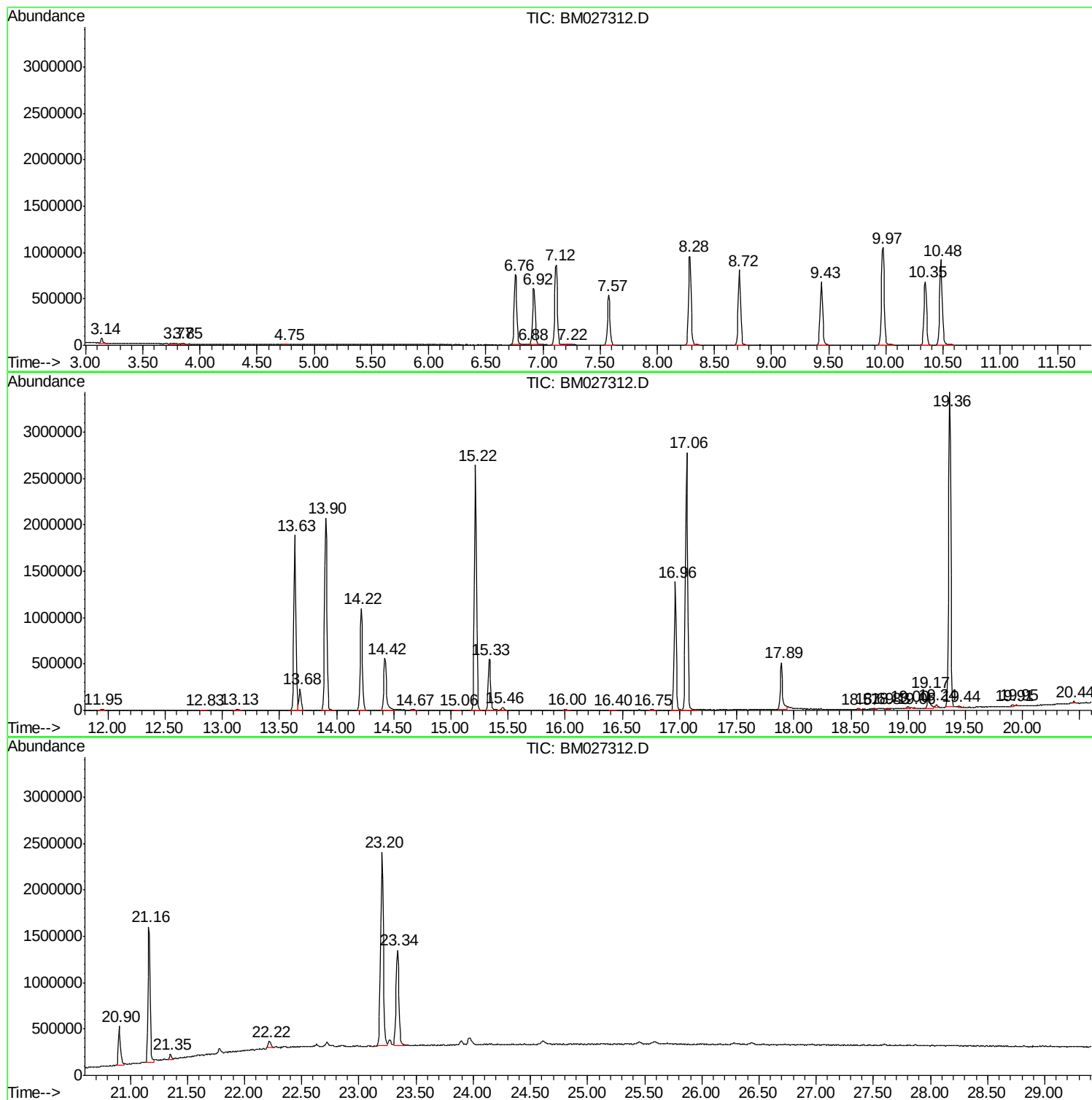
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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



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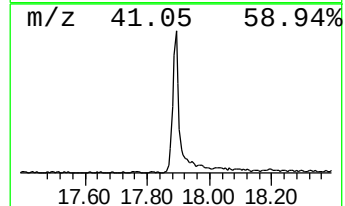
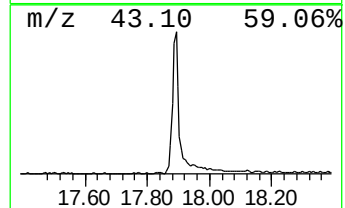
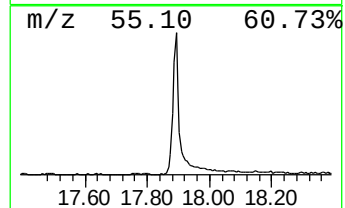
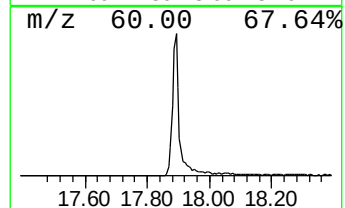
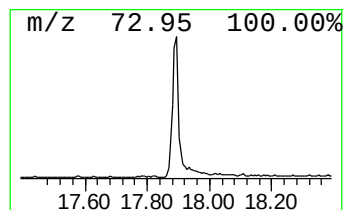
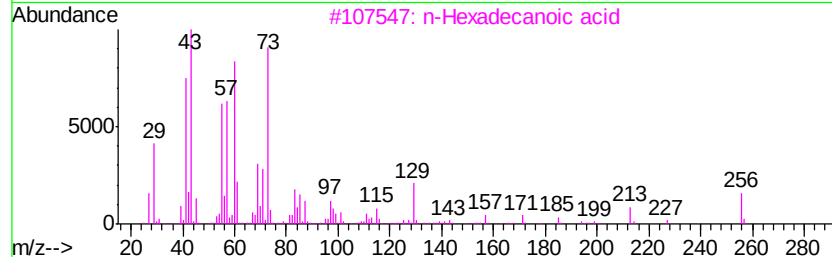
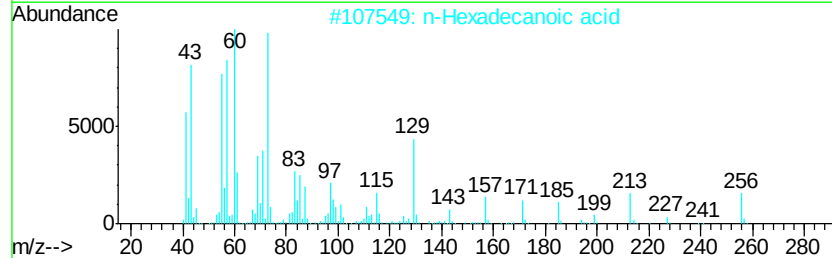
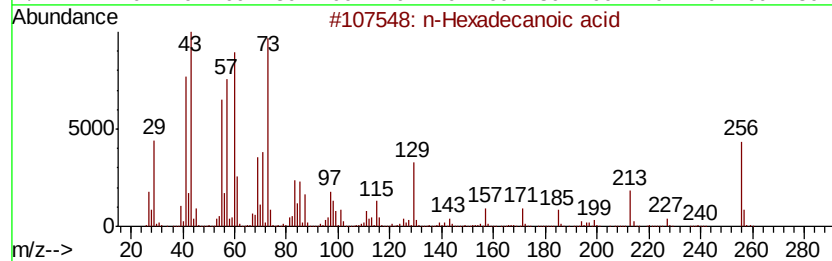
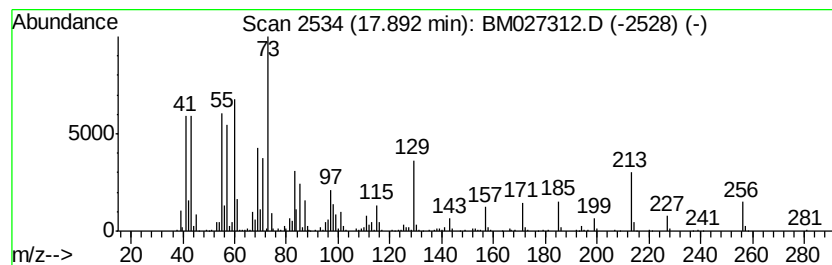
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.89	7.98 ng/ul	731187	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	86
5	Tridecanoic acid		214	C13H26O2	000638-53-9	83



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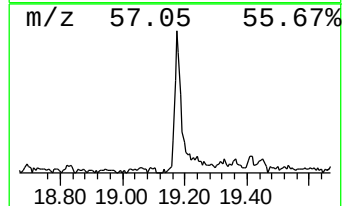
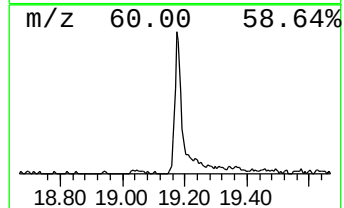
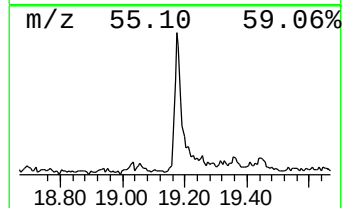
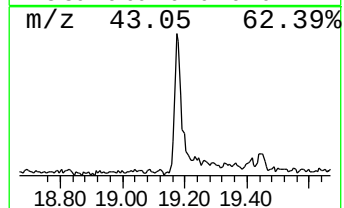
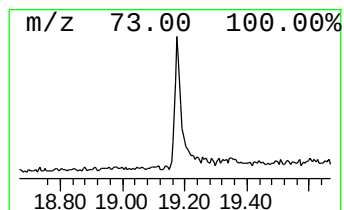
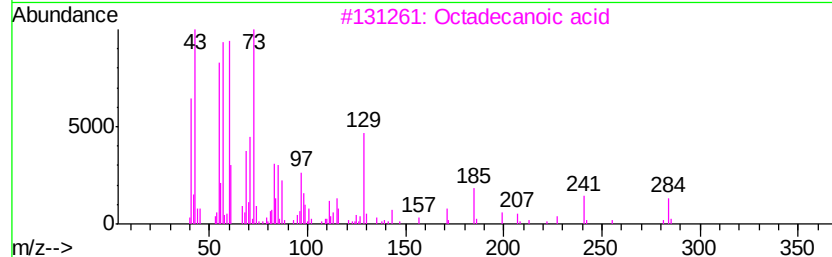
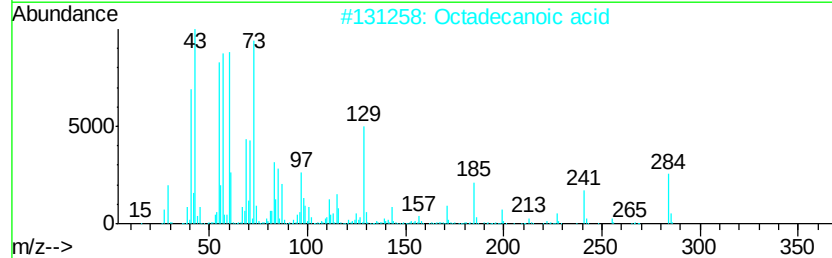
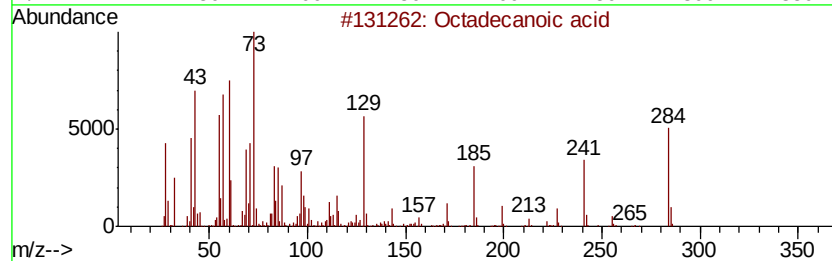
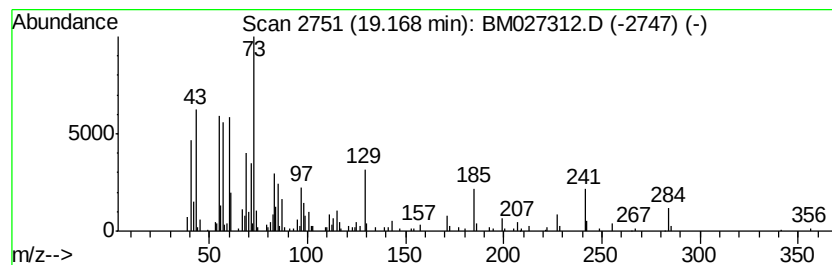
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.01 ng/ul	280804	Chrysene-d12	21.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Octadecanoic acid	284	C18H36O2	000057-11-4	96
5			Octadecanoic acid	284	C18H36O2	000057-11-4	89



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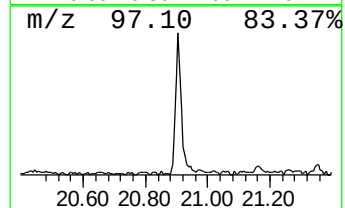
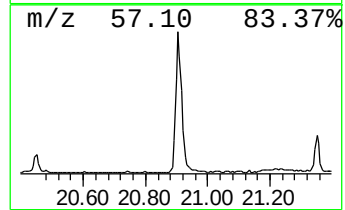
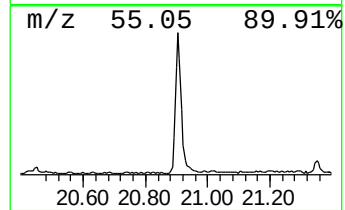
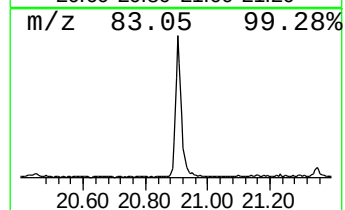
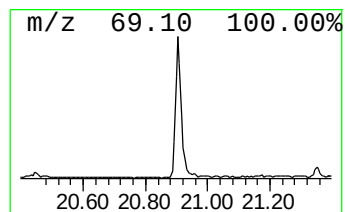
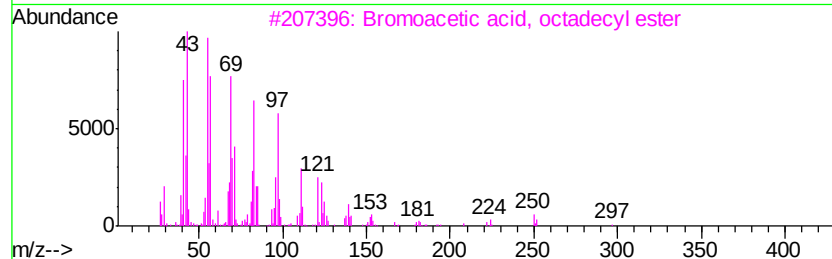
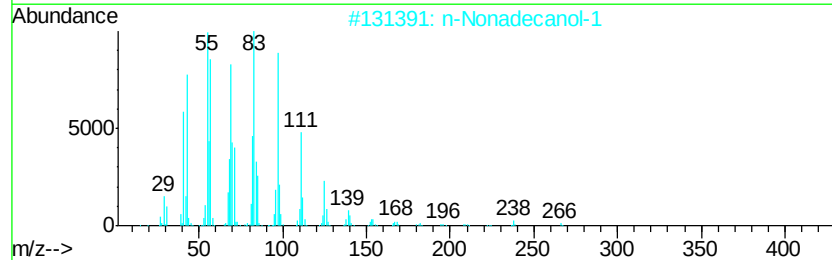
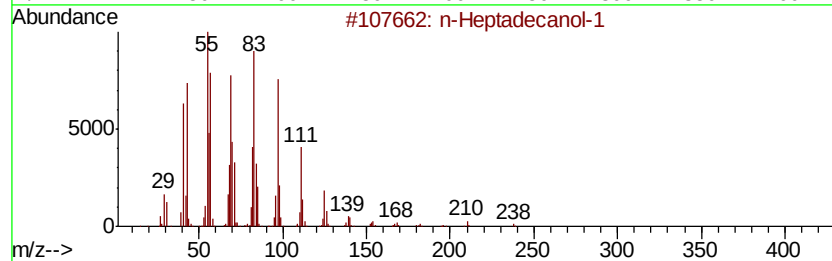
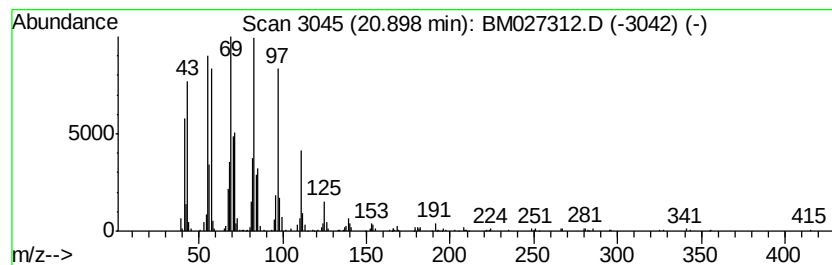
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Heptadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.04 ng/ul	563729	Chrysene-d12	21.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Heptadecanol-1	256	C17H36O	001454-85-9	93
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Cyclotetradecane	196	C14H28	000295-17-0	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	8.0	ng/ul	731187	4	16.96	1832000	20.0
Octadecanoic acid	19.17	3.0	ng/ul	280804	5	21.16	1866670	20.0
n-Heptadecanol-1	20.90	6.0	ng/ul	563729	5	21.16	1866670	20.0