

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110916\
 Data File : BM007804.D
 Acq On : 09 Nov 2016 19:18
 Operator : UM/SJ
 Sample : H5554-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N89

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-BM102016.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	2.640	6	9	20	rVB3	44180	103822	2.74%	0.220%
2	2.887	48	51	57	rVB	50105	58819	1.55%	0.124%
3	2.993	66	69	74	rBV2	36003	46258	1.22%	0.098%
4	3.081	80	84	92	rVB3	23315	40327	1.06%	0.085%
5	3.287	115	119	124	rBV	36940	49716	1.31%	0.105%
6	4.210	272	276	284	rBV2	59752	92605	2.44%	0.196%
7	4.610	337	344	352	rBV3	43411	82158	2.17%	0.174%
8	4.904	389	394	401	rBV	121890	181368	4.79%	0.383%
9	6.434	648	654	660	rVB	73843	117016	3.09%	0.247%
10	6.922	726	737	750	rVB2	588893	1235631	32.61%	2.613%
11	7.045	750	758	762	rBV	885866	1430545	37.75%	3.025%
12	7.081	762	764	775	rVB	487420	670266	17.69%	1.417%
13	7.181	775	781	784	rBV	35669	56020	1.48%	0.118%
14	7.281	791	798	808	rVB	623501	1049282	27.69%	2.219%
15	7.739	867	876	885	rBV	701076	1204667	31.79%	2.547%
16	7.957	909	913	919	rVV3	35937	60486	1.60%	0.128%
17	8.445	991	996	1011	rVB	552346	979305	25.84%	2.071%
18	8.898	1066	1073	1086	rBV	577516	1004981	26.52%	2.125%
19	9.616	1188	1195	1204	rBV	480950	833197	21.99%	1.762%
20	10.151	1280	1286	1306	rVB	657046	1237664	32.66%	2.617%
21	10.386	1320	1326	1332	rBV3	41463	73404	1.94%	0.155%
22	10.522	1337	1349	1357	rBV	927790	1558943	41.14%	3.296%
23	10.669	1366	1374	1393	rBV	432032	883532	23.32%	1.868%
24	13.692	1881	1888	1895	rBV5	37487	61154	1.61%	0.129%
25	13.786	1898	1904	1909	rBV	1267595	1829932	48.29%	3.869%
26	13.839	1909	1913	1920	rVB	248305	377549	9.96%	0.798%
27	14.068	1945	1952	1963	rBV	1453797	2131626	56.25%	4.507%
28	14.374	1998	2004	2013	rVB	1377130	1968831	51.96%	4.163%
29	14.598	2035	2042	2059	rBV	249110	607339	16.03%	1.284%
30	15.221	2144	2148	2153	rVB	60410	75548	1.99%	0.160%
31	15.368	2167	2173	2181	rBV	1877423	2746638	72.48%	5.808%
32	15.509	2191	2197	2210	rBV	413719	671657	17.72%	1.420%
33	15.615	2210	2215	2222	rVB4	35519	77210	2.04%	0.163%
34	16.086	2290	2295	2304	rBV	82751	147064	3.88%	0.311%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	16.662	2389	2393	2403	rVB7	19207	37949	1.00%	0.080%
36	16.874	2425	2429	2434	rBV	74121	104576	2.76%	0.221%
37	16.921	2434	2437	2446	rVB7	25591	51224	1.35%	0.108%
38	17.021	2449	2454	2461	rBV2	76048	116716	3.08%	0.247%
39	17.121	2466	2471	2476	rVV2	1568844	2299631	60.68%	4.862%
40	17.162	2476	2478	2482	rVV	65329	87273	2.30%	0.185%
41	17.221	2482	2488	2499	rVB	1994389	2864612	75.59%	6.057%
42	17.615	2551	2555	2559	rBV	37095	45547	1.20%	0.096%
43	17.898	2596	2603	2608	rBV4	44129	76222	2.01%	0.161%
44	18.015	2618	2623	2633	rBV	194982	307778	8.12%	0.651%
45	18.321	2669	2675	2680	rBV6	33858	66381	1.75%	0.140%
46	19.156	2813	2817	2818	rBV	36457	46431	1.23%	0.098%
47	19.186	2818	2822	2828	rVB	169167	254513	6.72%	0.538%
48	19.297	2837	2841	2845	rBV	83869	121697	3.21%	0.257%
49	19.403	2855	2859	2866	rBV3	31323	52776	1.39%	0.112%
50	19.521	2873	2879	2892	rBV	2563520	3789466	100.00%	8.013%
51	21.015	3129	3133	3143	rBV	397119	567831	14.98%	1.201%
52	21.309	3178	3183	3188	rBV	2446920	3118679	82.30%	6.594%
53	21.886	3278	3281	3284	rBV	209821	265047	6.99%	0.560%
54	22.850	3441	3445	3449	rBV	606838	889876	23.48%	1.882%
55	22.909	3451	3455	3465	rVB3	564721	1108844	29.26%	2.345%
56	23.421	3536	3542	3549	rVB2	2062020	3593375	94.83%	7.598%
57	23.562	3560	3566	3575	rVB	1608344	2991692	78.95%	6.326%
58	24.062	3646	3651	3659	rVB	373039	691593	18.25%	1.462%

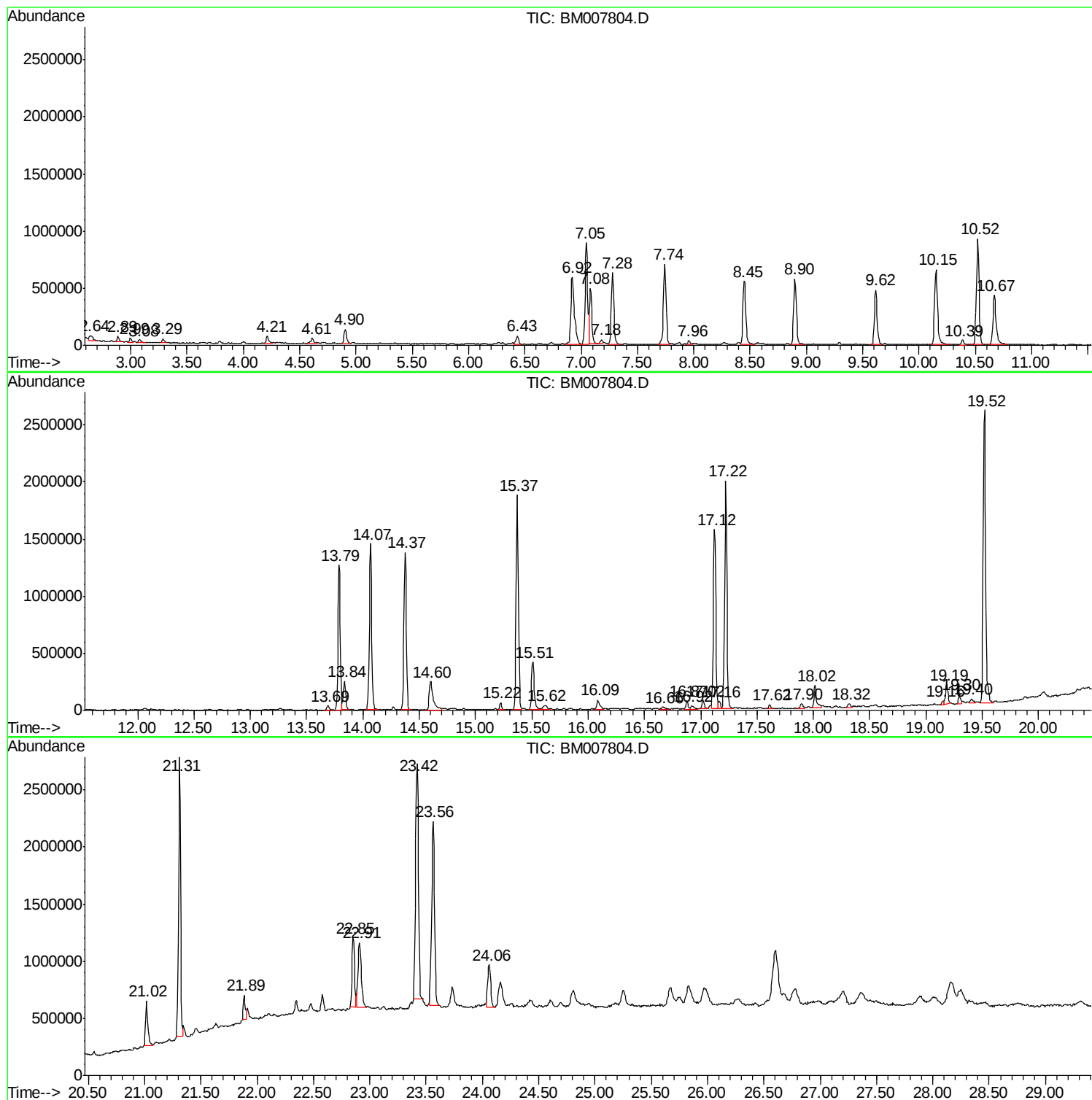
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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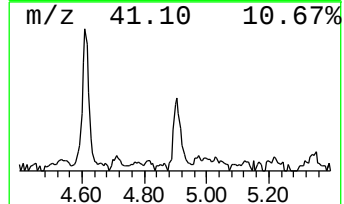
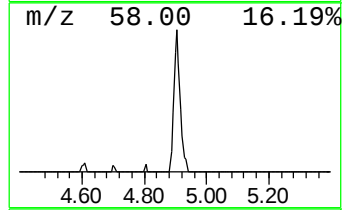
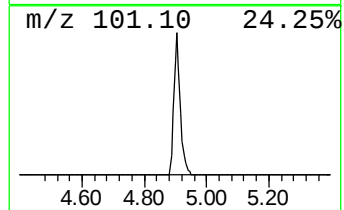
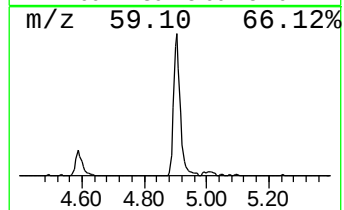
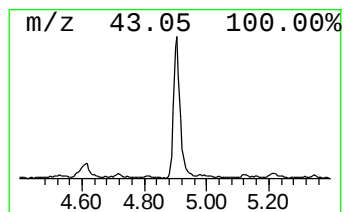
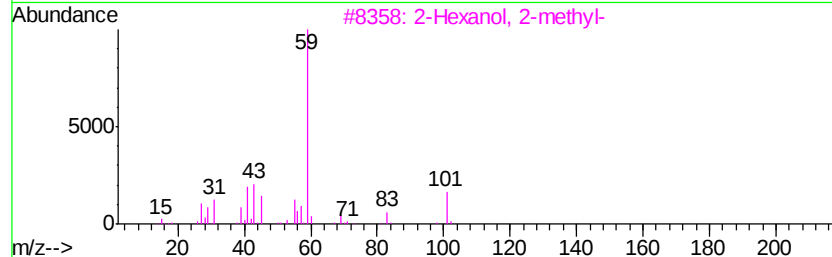
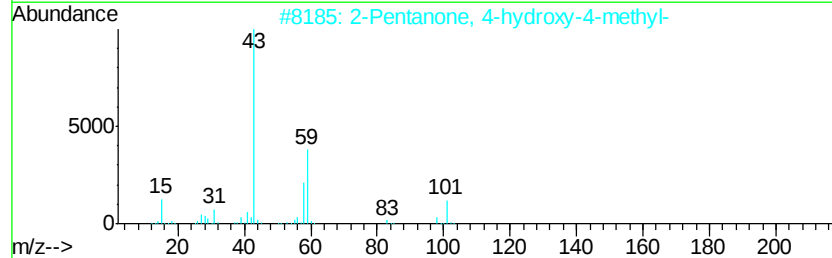
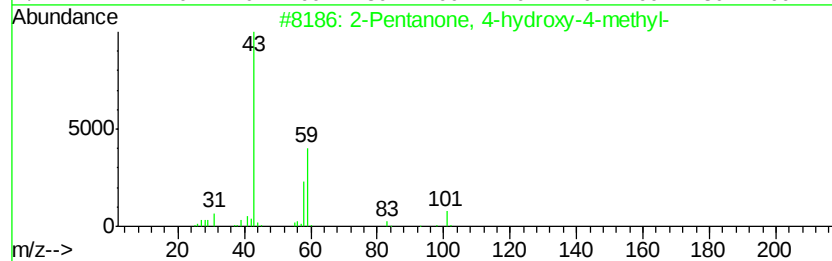
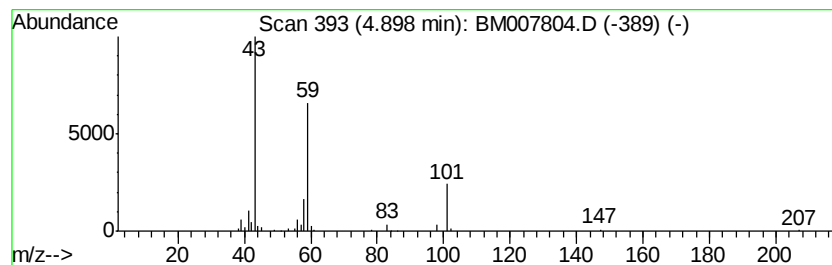
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	3.01 ng/ul	181368	1,4-Dichlorobenzene-d4	7.74

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42		
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37		
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	35		
5	2-Nonanone	142	C9H18O	000821-55-6	12		



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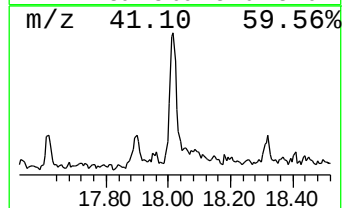
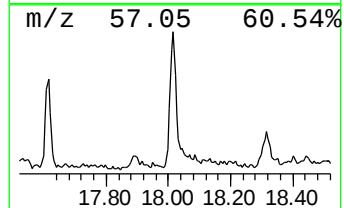
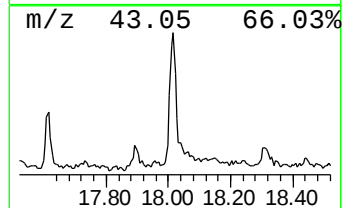
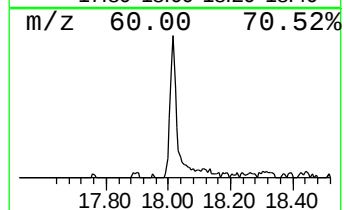
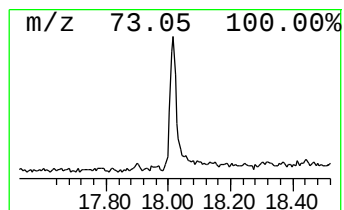
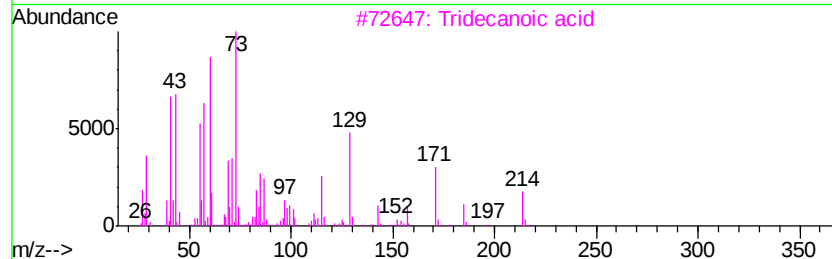
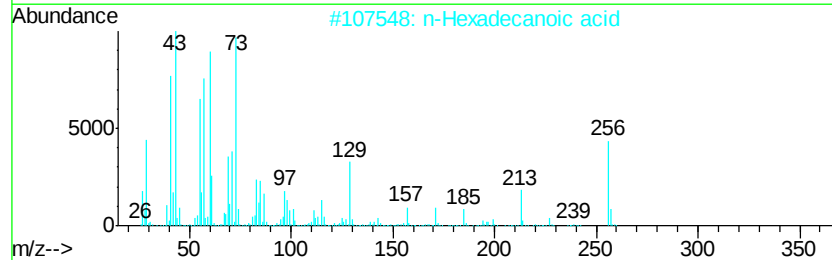
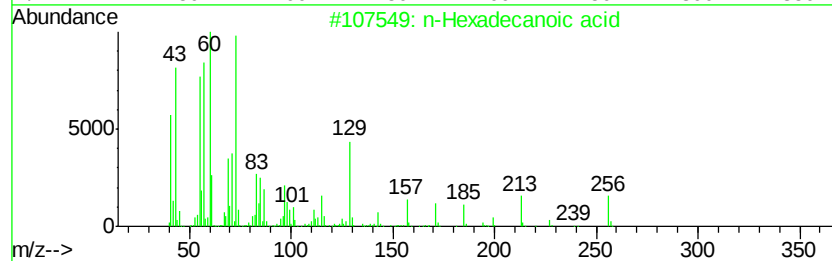
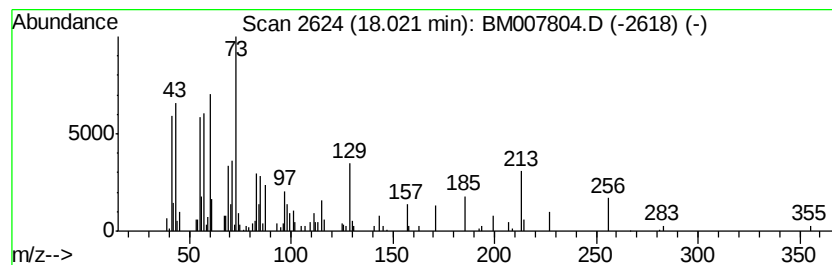
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.68 ng/ul	307778	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	91



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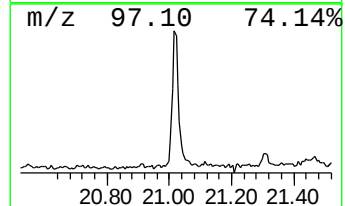
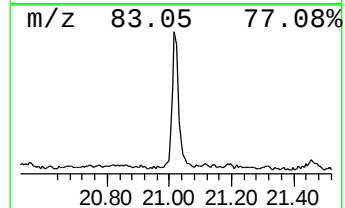
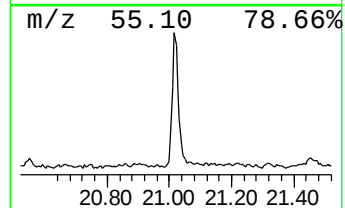
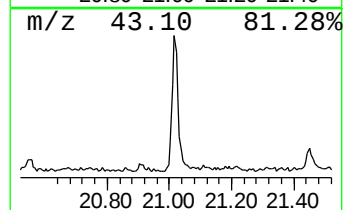
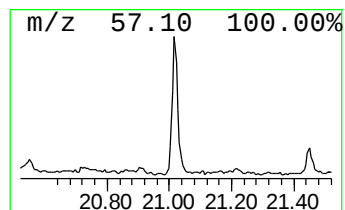
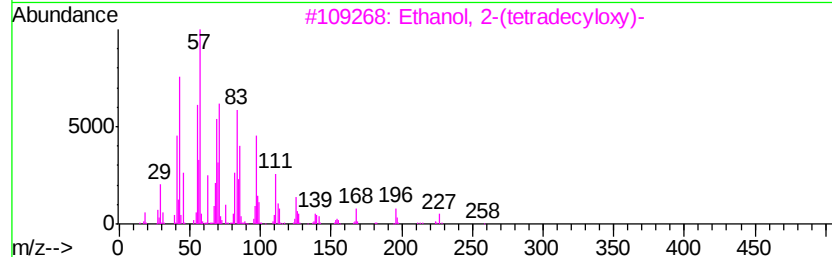
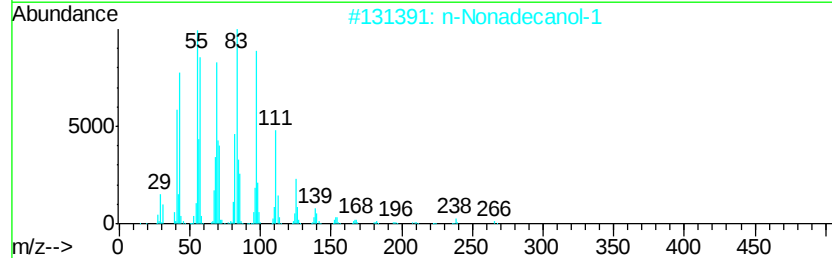
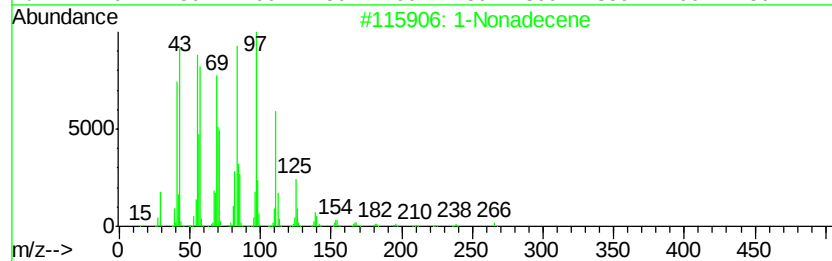
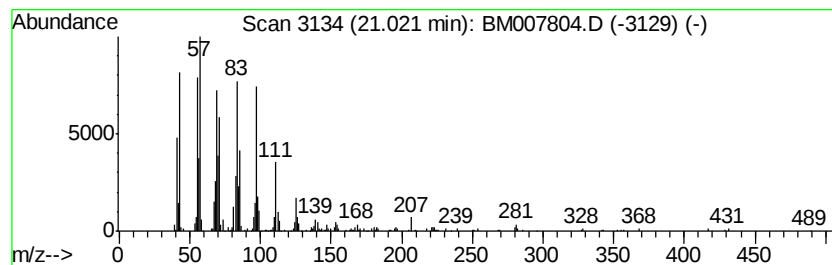
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic21.02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.64 ng/ul	567831	Chrysene-d12	21.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	98
2		n-Nonadecanol-1	284	C19H40O	001454-84-8	92
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4		Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	91
5		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90



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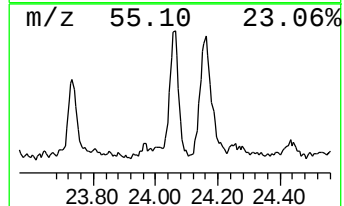
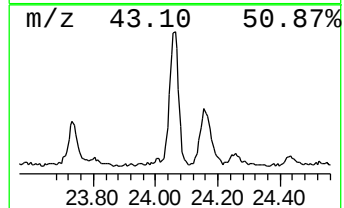
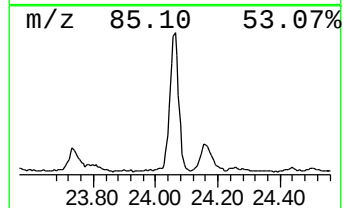
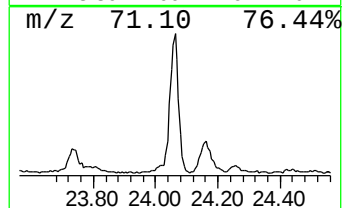
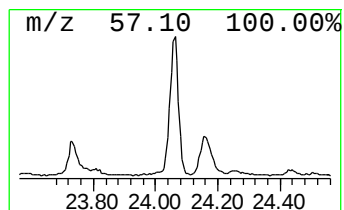
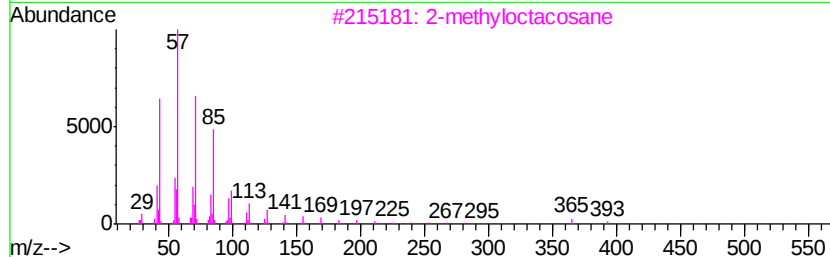
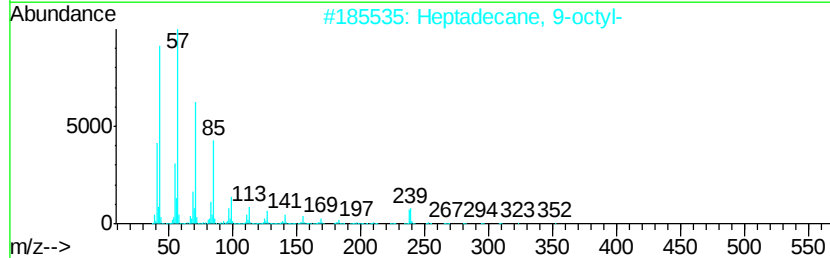
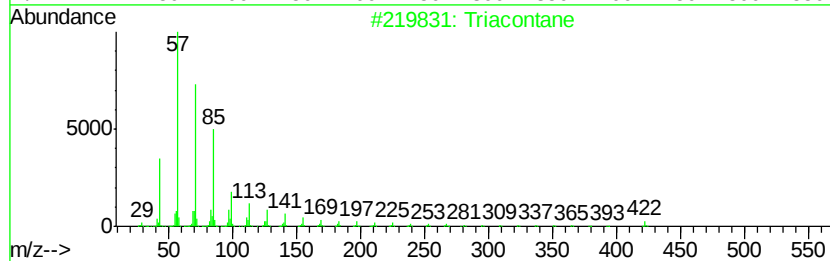
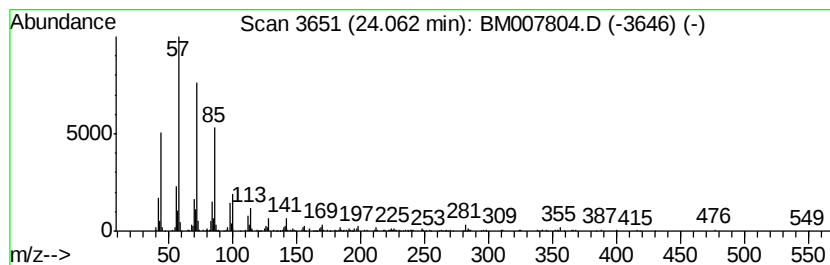
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.06	4.62 ng/ul	691593	Perylene-d12	23.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triacontane	422	C30H62	000638-68-6	87
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	3.0	ng/ul	181368	1	7.74	1204670	20.0
n-Hexadecanoic acid	18.02	2.7	ng/ul	307778	4	17.12	2299630	20.0
(DEL) Alkane: Cyc...	21.02	3.6	ng/ul	567831	5	21.31	3118680	20.0
(DEL) Alkane: Str...	24.06	4.6	ng/ul	691593	6	23.56	2991690	20.0