

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
 Data File : BM025684.D
 Acq On : 21 Mar 2020 05:46
 Operator : CG/JU
 Sample : L1977-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0A10

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-BM031420MA.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	3.146	40	44	53	rVB	41774	63105	1.38%	0.118%
2	3.852	159	164	174	rVB	18900	30268	0.66%	0.056%
3	4.681	302	305	310	rBV4	2655	5416	0.12%	0.010%
4	6.757	652	658	670	rVB	784255	1250196	27.41%	2.331%
5	6.922	680	686	698	rBV	607919	923415	20.25%	1.722%
6	7.116	712	719	728	rVB	824006	1282707	28.13%	2.391%
7	7.575	790	797	806	rVB	860582	1292820	28.35%	2.410%
8	7.663	806	812	816	rBV5	6139	9840	0.22%	0.018%
9	8.281	909	917	928	rBV	1035811	1566884	34.36%	2.921%
10	8.716	984	991	1003	rBV	773623	1223679	26.83%	2.281%
11	9.198	1069	1073	1080	rVB3	12123	19592	0.43%	0.037%
12	9.434	1106	1113	1123	rBV	631712	999982	21.93%	1.864%
13	9.969	1197	1204	1213	rBV	1050520	1640584	35.97%	3.059%
14	10.034	1213	1215	1222	rVB6	2573	5387	0.12%	0.010%
15	10.340	1260	1267	1275	rBV	1151079	1897124	41.60%	3.537%
16	10.481	1284	1291	1305	rBV	979202	1638545	35.93%	3.055%
17	10.992	1374	1378	1383	rBV4	6309	11233	0.25%	0.021%
18	11.934	1533	1538	1545	rBV	12830	22751	0.50%	0.042%
19	13.133	1737	1742	1747	rVB3	10010	15591	0.34%	0.029%
20	13.633	1820	1827	1832	rBV	1675606	2295510	50.34%	4.280%
21	13.675	1832	1834	1843	rVB	137567	179759	3.94%	0.335%
22	13.904	1865	1873	1880	rBV	2025357	2926797	64.18%	5.457%
23	14.145	1909	1914	1919	rBV5	3074	5187	0.11%	0.010%
24	14.216	1919	1926	1934	rVB2	1790561	2549872	55.91%	4.754%
25	14.416	1954	1960	1976	rBV	730483	1090300	23.91%	2.033%
26	15.098	2074	2076	2080	rVB5	5476	6706	0.15%	0.013%
27	15.210	2089	2095	2102	rBV	2618405	3553780	77.93%	6.626%
28	15.333	2110	2116	2124	rBV	663563	870333	19.08%	1.623%
29	15.451	2132	2136	2141	rVB	24119	33960	0.74%	0.063%
30	15.663	2169	2172	2178	rVB5	4647	6680	0.15%	0.012%
31	15.963	2219	2223	2226	rBV3	5527	6995	0.15%	0.013%
32	16.004	2226	2230	2231	rBV3	8067	9548	0.21%	0.018%
33	16.133	2247	2252	2254	rBV4	3547	5027	0.11%	0.009%
34	16.227	2265	2268	2272	rVB6	4610	6787	0.15%	0.013%

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35	16.745	2353	2356	2365	rVB4	9420	16631	0.36%	0.031%
36	16.957	2386	2392	2399	rBV	2090712	2957231	64.85%	5.513%
37	17.057	2403	2409	2417	rVV2	2695357	3683755	80.78%	6.868%
38	17.374	2459	2463	2465	rVB3	5171	6389	0.14%	0.012%
39	17.886	2544	2550	2556	rBV	246469	353505	7.75%	0.659%
40	18.180	2596	2600	2607	rVB7	14914	22816	0.50%	0.043%
41	18.321	2620	2624	2625	rBV4	5999	6058	0.13%	0.011%
42	18.686	2684	2686	2690	rVB4	4859	4866	0.11%	0.009%
43	18.757	2693	2698	2701	rVB7	9159	15292	0.34%	0.029%
44	18.792	2701	2704	2705	rBV2	4361	4721	0.10%	0.009%
45	18.827	2708	2710	2714	rVB5	5347	6057	0.13%	0.011%
46	18.986	2734	2737	2740	rBV	29999	38851	0.85%	0.072%
47	19.021	2741	2743	2747	rVB	13645	16349	0.36%	0.030%
48	19.168	2765	2768	2772	rBV3	64992	83961	1.84%	0.157%
49	19.245	2777	2781	2786	rVB	28584	43443	0.95%	0.081%
50	19.357	2794	2800	2807	rBV	3223200	4203542	92.17%	7.837%
51	19.904	2891	2893	2896	rVB4	24395	20837	0.46%	0.039%
52	19.945	2898	2900	2904	rVB5	16876	12242	0.27%	0.023%
53	20.439	2982	2984	2988	rBV5	37162	48716	1.07%	0.091%
54	20.892	3057	3061	3069	rBV	862910	1035305	22.70%	1.930%
55	21.151	3100	3105	3110	rBV	2852417	3314908	72.69%	6.180%
56	21.339	3134	3137	3141	rVB	121020	125329	2.75%	0.234%
57	21.762	3206	3209	3215	rBV2	191329	240045	5.26%	0.448%
58	22.209	3282	3285	3288	rVB	233655	236087	5.18%	0.440%
59	22.692	3364	3367	3372	rBV	266321	350138	7.68%	0.653%
60	23.168	3441	3448	3455	rBV	2739904	4560426	100.00%	8.502%
61	23.233	3455	3459	3464	rVV	285537	458932	10.06%	0.856%
62	23.303	3464	3471	3478	rVB	2025043	3556932	78.00%	6.631%
63	23.850	3559	3564	3570	rBV	253653	440084	9.65%	0.820%
64	23.921	3573	3576	3584	rVB3	196157	327727	7.19%	0.611%

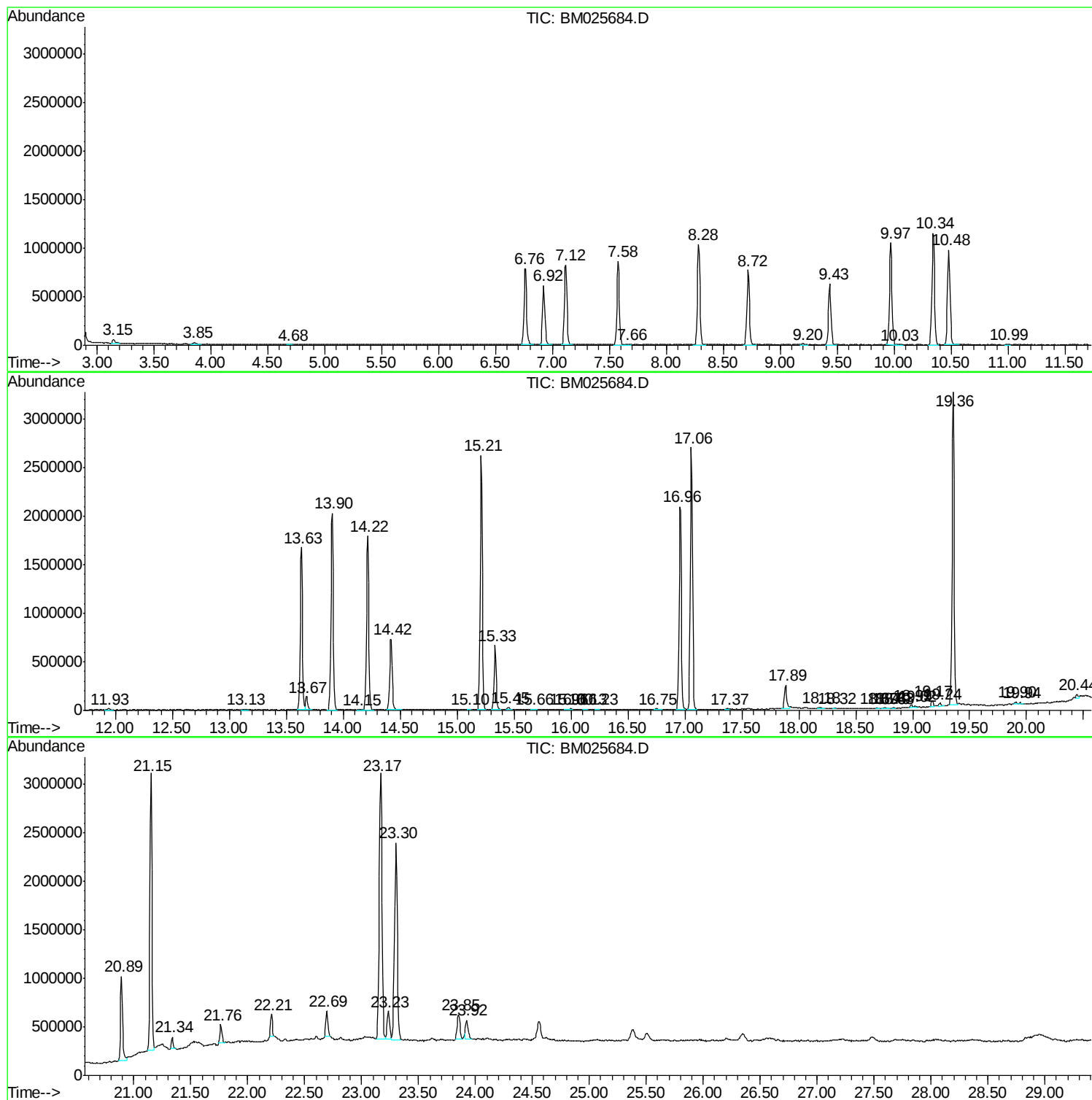
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Quant Title : SVOA CALIBRATION

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



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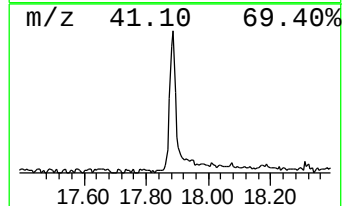
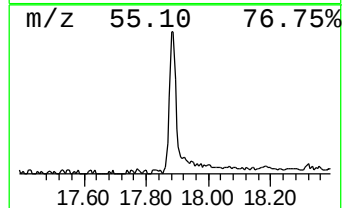
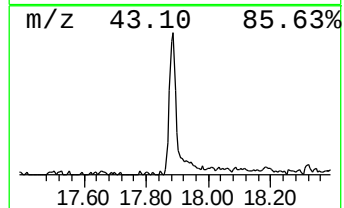
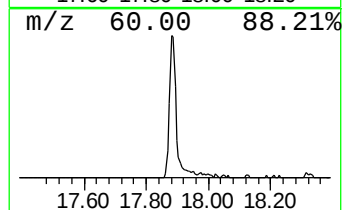
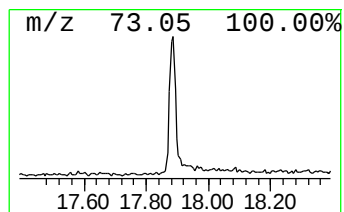
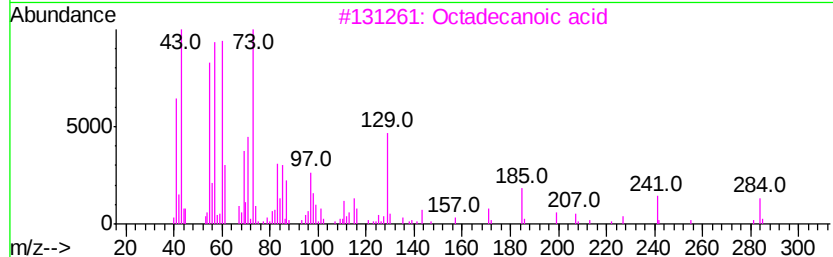
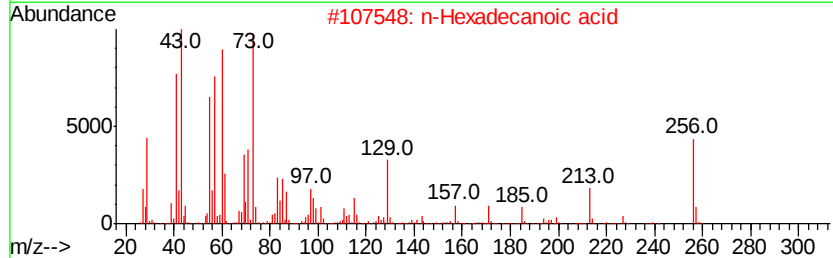
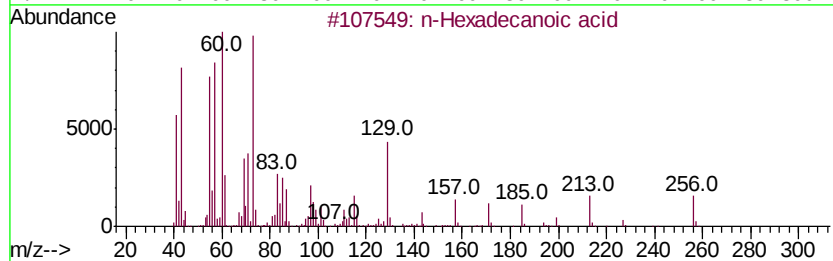
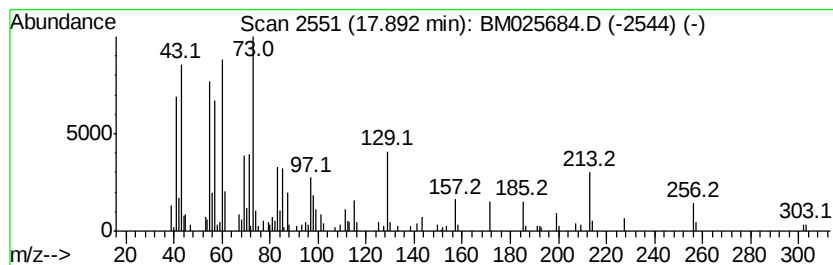
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.39 ng/ul	353505	Phenanthrene-d10	16.96

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		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Nonadecanoic acid	298	C19H38O2	000646-30-0	83



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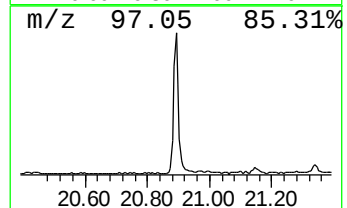
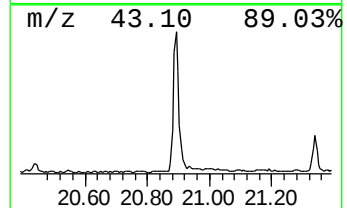
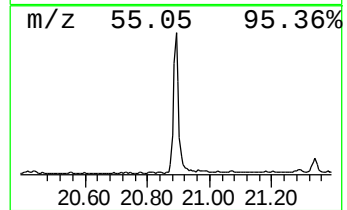
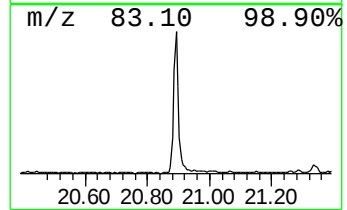
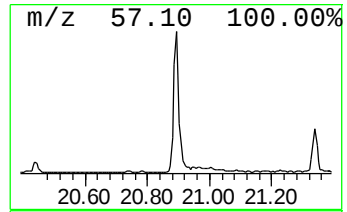
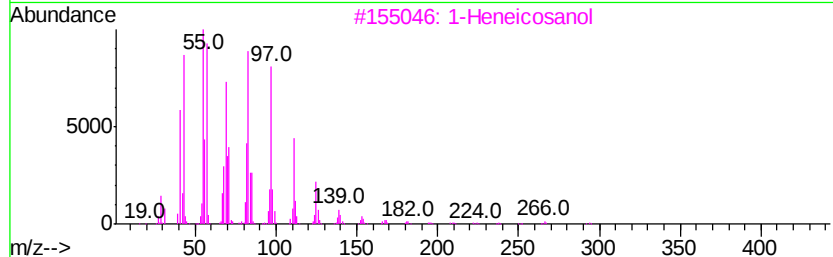
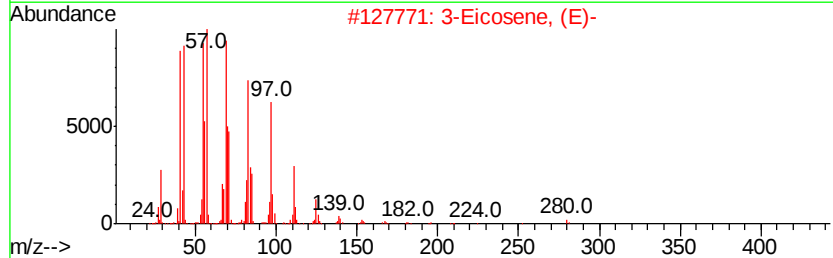
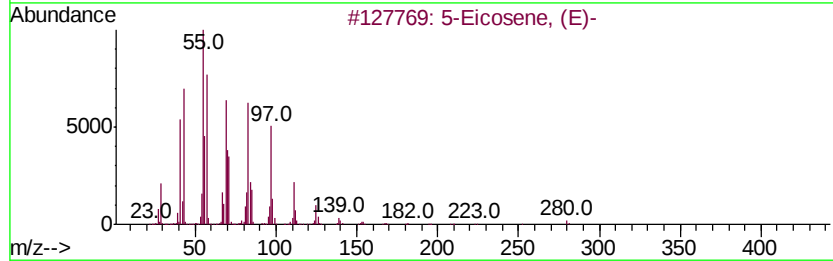
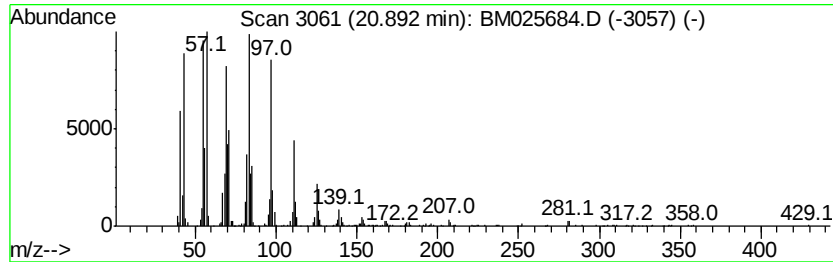
Instrument :
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Quant Title : SVOA CALIBRATION

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.
20.89	6.25 ng/ul	1035310	Chrysene-d12		21.15
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	1-Octadecene	252	C18H36	000112-88-9	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93



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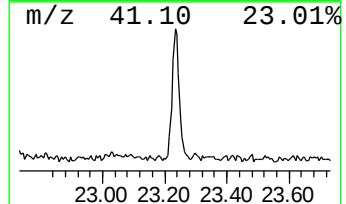
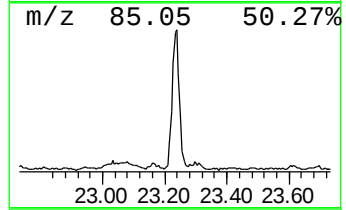
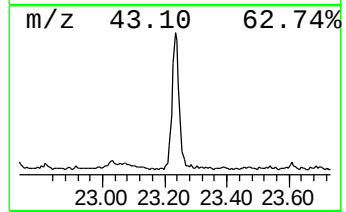
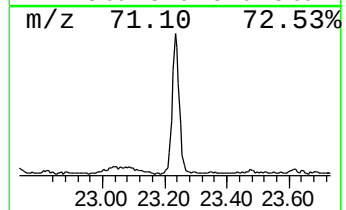
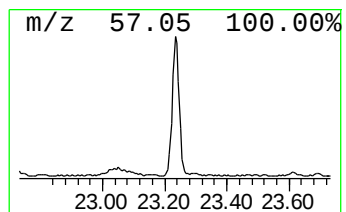
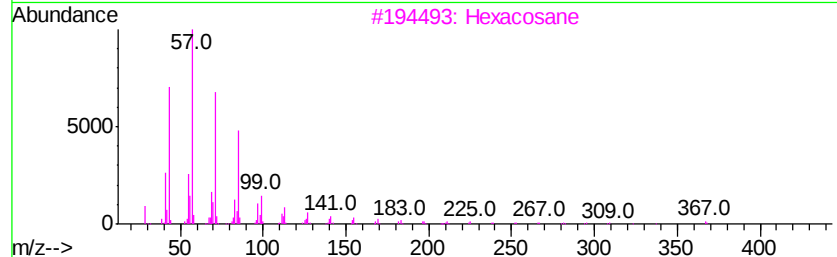
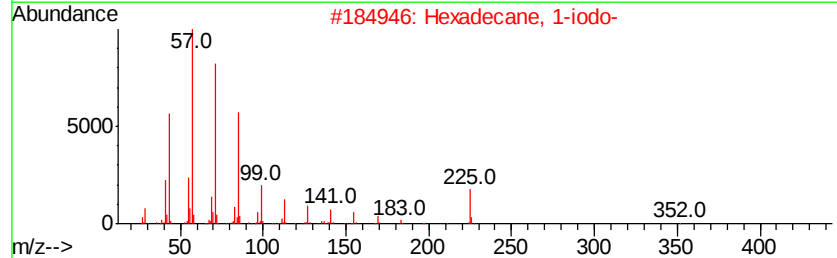
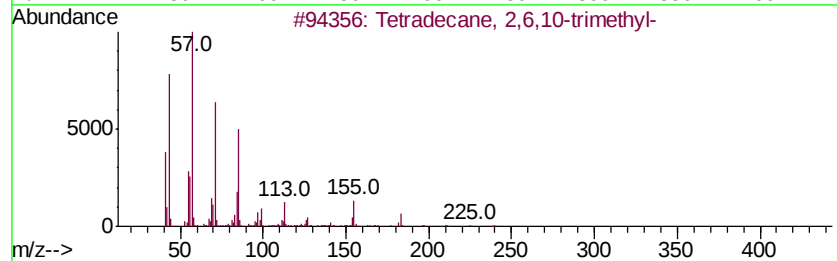
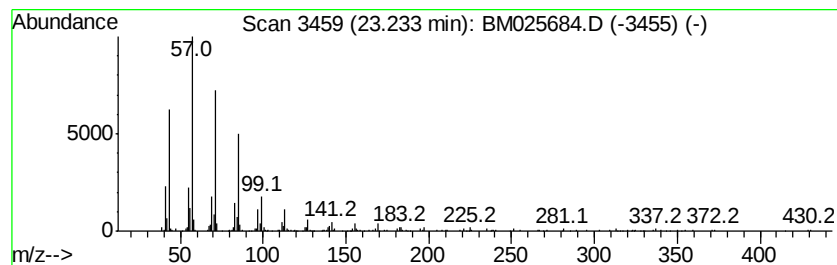
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.58 ng/ul	458932	Perylene-d12	23.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	93
3		Hexacosane	366	C26H54	000630-01-3	90
4		triacontane	422	C30H62	000638-68-6	90
5		Heneicosane	296	C21H44	000629-94-7	90



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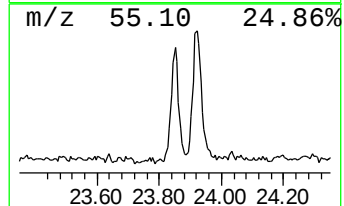
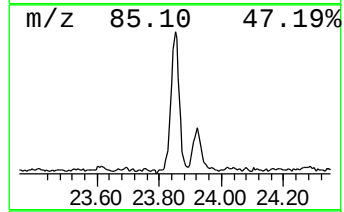
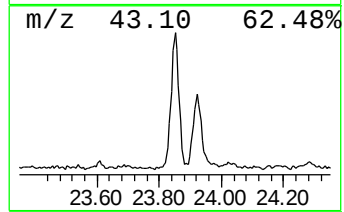
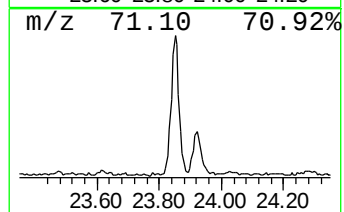
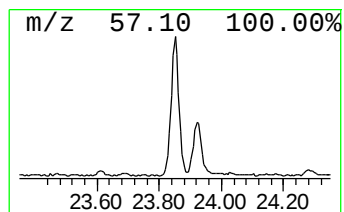
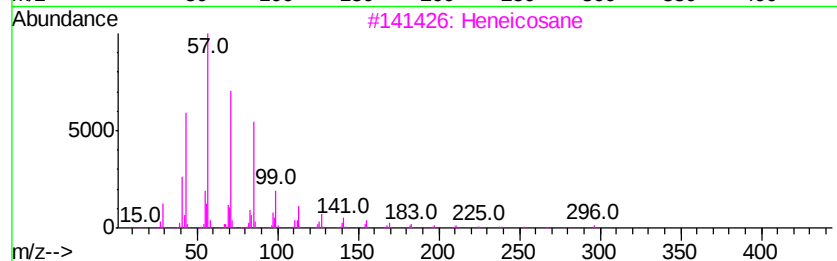
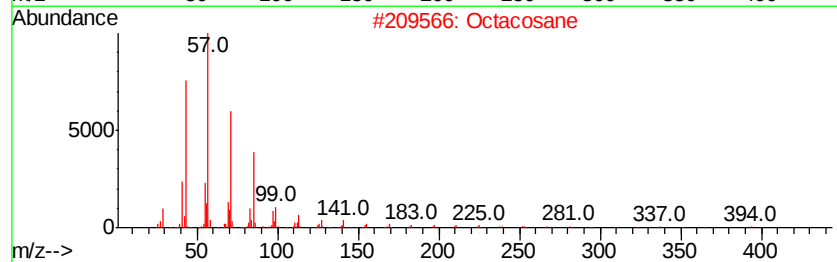
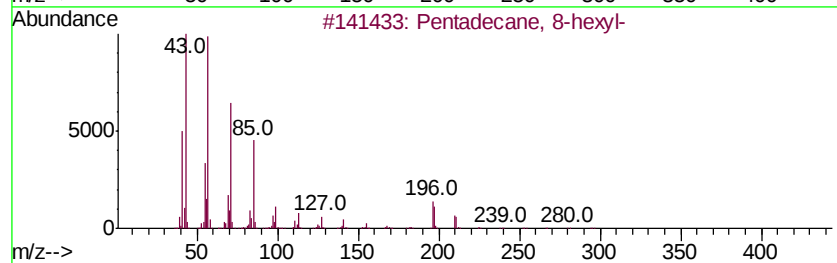
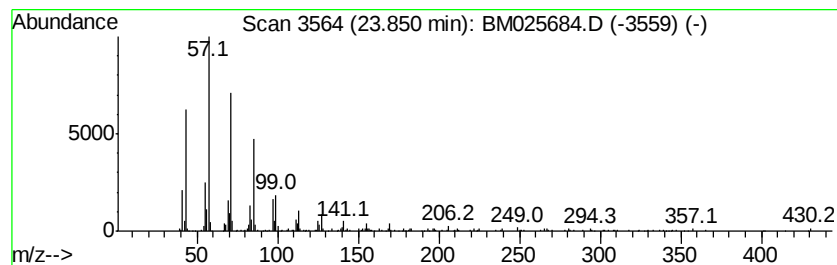
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	2.47 ng/ul	440084	Perylene-d12	23.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			7-Methyl-octadecane	268	C19H40	1000192-63-3	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	2.4	ng/ul	353505	4	16.96	2957230	20.0
(DEL) Alkane: Str...	20.89	6.3	ng/ul	1035310	5	21.15	3314910	20.0
(DEL) Alkane: Str...	23.23	2.6	ng/ul	458932	6	23.30	3556930	20.0
(DEL) Alkane: Str...	23.85	2.5	ng/ul	440084	6	23.30	3556930	20.0