

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024528.D
 Acq On : 18 Jan 2020 10:39
 Operator : JU
 Sample : L1169-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BF774

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-BM011520MA.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	3.063	26	30	39	rVB	56326	78515	0.81%	0.095%
2	3.681	129	135	141	rVB2	12279	21800	0.22%	0.026%
3	3.763	145	149	154	rBV3	12953	19594	0.20%	0.024%
4	4.657	297	301	307	rVB4	7739	11322	0.12%	0.014%
5	6.646	633	639	651	rBV	261916	450017	4.64%	0.546%
6	6.804	659	666	681	rBV	717508	1092545	11.26%	1.326%
7	6.998	692	699	711	rBV	909930	1423853	14.68%	1.728%
8	7.457	769	777	788	rBV	978515	1513798	15.61%	1.837%
9	8.163	891	897	906	rBV	811433	1265911	13.05%	1.537%
10	8.592	963	970	980	rBV	1096116	1745412	18.00%	2.119%
11	9.098	1051	1056	1061	rVB	24700	33464	0.35%	0.041%
12	9.310	1084	1092	1107	rBV	988598	1605789	16.56%	1.949%
13	9.845	1176	1183	1200	rBV	1572442	2557935	26.37%	3.105%
14	10.216	1237	1246	1259	rBV	1386372	2290797	23.62%	2.781%
15	10.357	1264	1270	1278	rVV	85477	151836	1.57%	0.184%
16	11.816	1512	1518	1524	rVB	27605	43068	0.44%	0.052%
17	13.527	1802	1809	1814	rBV	3708267	4918009	50.71%	5.969%
18	13.574	1814	1817	1822	rVB	166083	209810	2.16%	0.255%
19	13.792	1847	1854	1866	rBV	3512440	5302847	54.68%	6.436%
20	14.104	1900	1907	1916	rVB	2476579	3521051	36.30%	4.274%
21	14.310	1937	1942	1954	rBV	325652	531210	5.48%	0.645%
22	15.016	2058	2062	2067	rVB3	6490	10043	0.10%	0.012%
23	15.104	2070	2077	2086	rBV	4963584	6864075	70.77%	8.331%
24	15.227	2092	2098	2107	rBV	1677236	2253106	23.23%	2.735%
25	15.345	2113	2118	2124	rVB2	54283	77217	0.80%	0.094%
26	15.892	2206	2211	2215	rBV5	21747	34051	0.35%	0.041%
27	16.533	2316	2320	2327	rVB7	10591	15640	0.16%	0.019%
28	16.645	2332	2339	2342	rVV2	18429	32518	0.34%	0.039%
29	16.851	2368	2374	2384	rBV	3115248	4433136	45.71%	5.381%
30	16.951	2384	2391	2405	rVV2	5688279	7865598	81.10%	9.547%
31	17.792	2529	2534	2542	rBV	320663	474460	4.89%	0.576%
32	18.604	2668	2672	2677	rBV8	8564	14176	0.15%	0.017%
33	18.886	2715	2720	2725	rBV	79822	110065	1.13%	0.134%
34	18.933	2725	2728	2730	rBV4	12439	15135	0.16%	0.018%

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35	19.086	2750	2754	2759	rBV	139884	181005	1.87%	0.220%
36	19.139	2759	2763	2770	rVB	64876	95415	0.98%	0.116%
37	19.256	2777	2783	2792	rBV	7342857	9698704	100.00%	11.772%
38	19.498	2821	2824	2825	rBV3	10491	10345	0.11%	0.013%
39	19.827	2876	2880	2883	rVB6	32850	38420	0.40%	0.047%
40	20.086	2921	2924	2929	rVB3	58172	56817	0.59%	0.069%
41	20.227	2946	2948	2953	rVB5	20036	20969	0.22%	0.025%
42	20.339	2964	2967	2969	rBV4	16696	20888	0.22%	0.025%
43	20.815	3044	3048	3054	rBV	965841	1202659	12.40%	1.460%
44	21.021	3081	3083	3084	rBV	31641	20932	0.22%	0.025%
45	21.062	3084	3090	3098	rVB	3966356	4971815	51.26%	6.035%
46	21.268	3122	3125	3130	rBV2	115505	127476	1.31%	0.155%
47	21.692	3193	3197	3204	rBV2	221894	325999	3.36%	0.396%
48	22.133	3268	3272	3276	rBV	260473	311533	3.21%	0.378%
49	22.609	3349	3353	3358	rBV	344202	446738	4.61%	0.542%
50	23.050	3420	3428	3438	rVB	4724083	8162731	84.16%	9.908%
51	23.180	3444	3450	3467	rVB	2435509	4544536	46.86%	5.516%
52	23.744	3541	3546	3552	rVB	298705	496256	5.12%	0.602%
53	23.809	3553	3557	3563	rVB5	168602	291769	3.01%	0.354%
54	24.433	3659	3663	3670	rVB	206215	374768	3.86%	0.455%

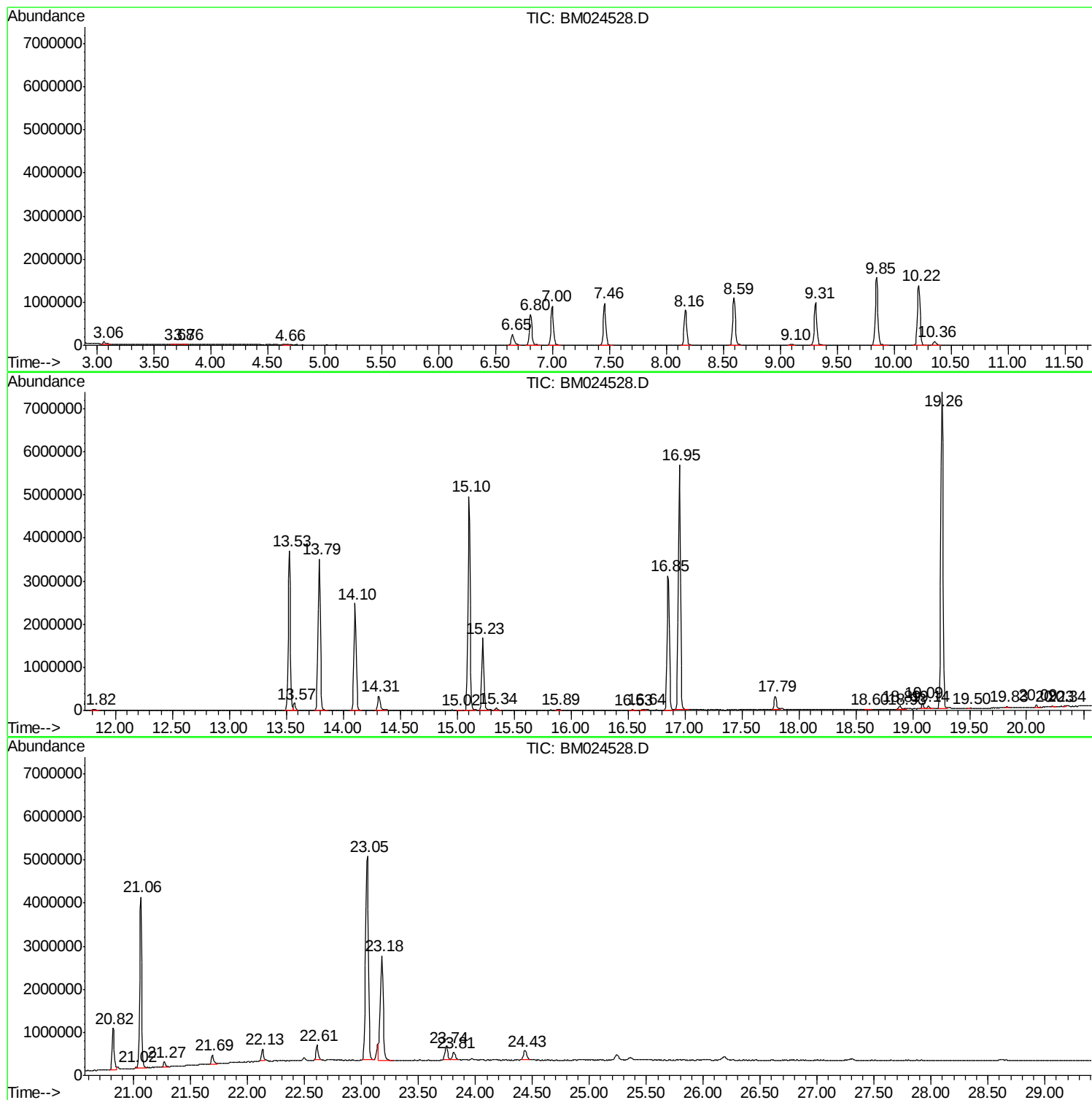
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION

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



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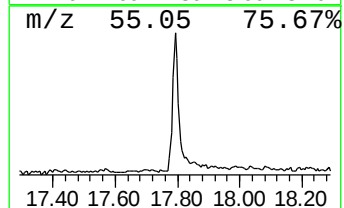
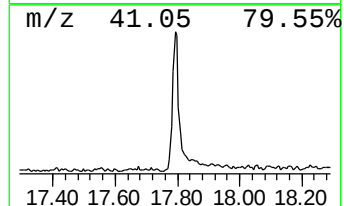
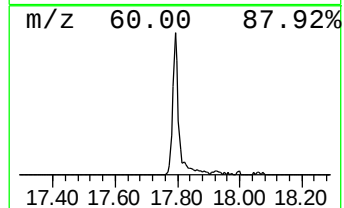
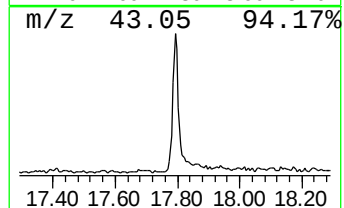
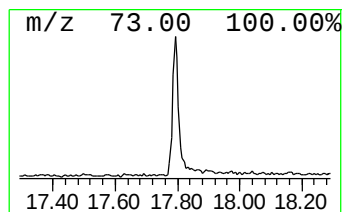
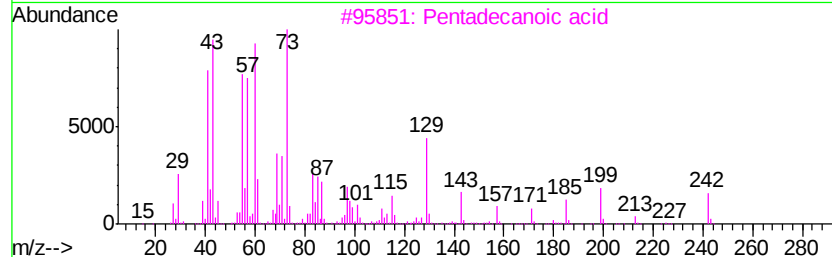
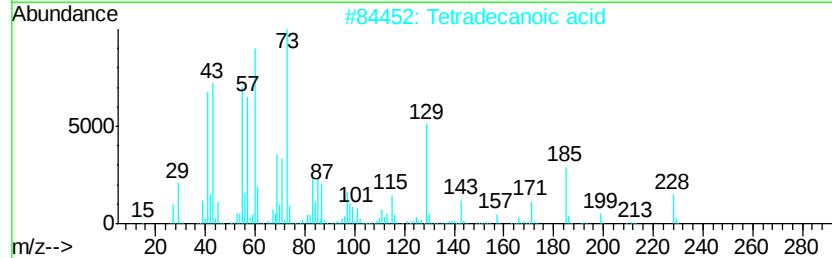
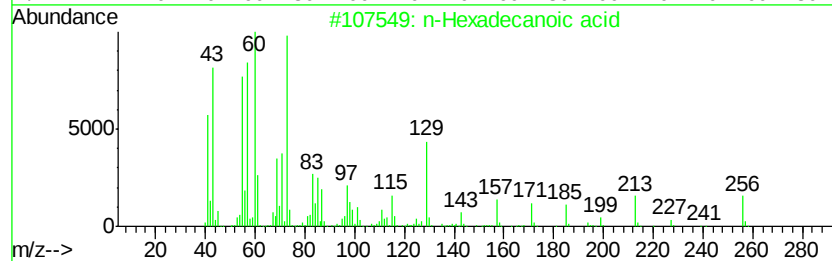
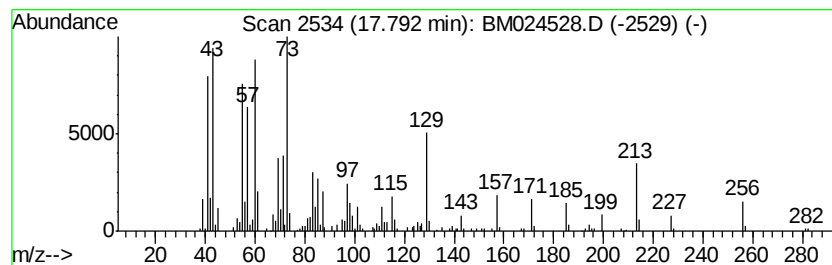
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.79	2.14 ng/ul	474460	Phenanthrene-d10		16.85	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	80



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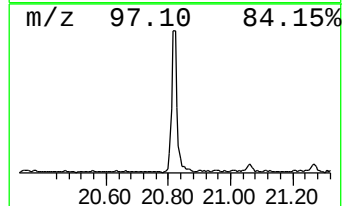
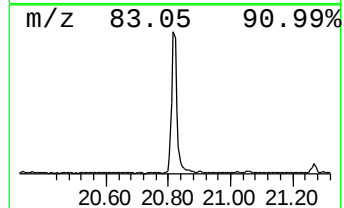
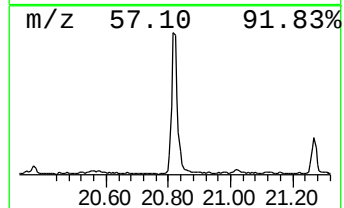
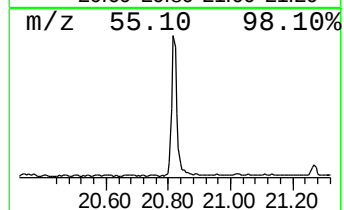
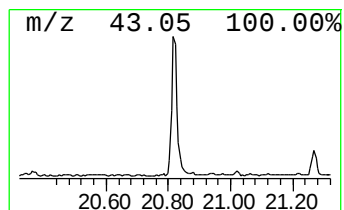
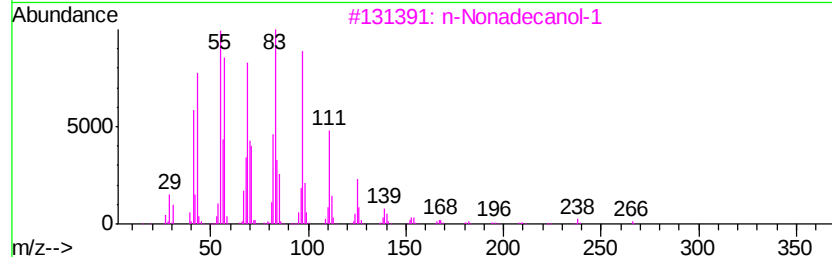
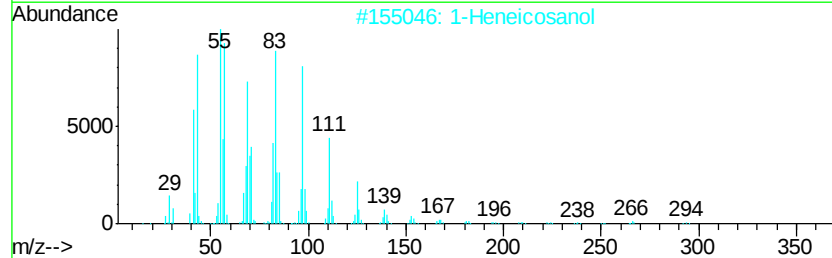
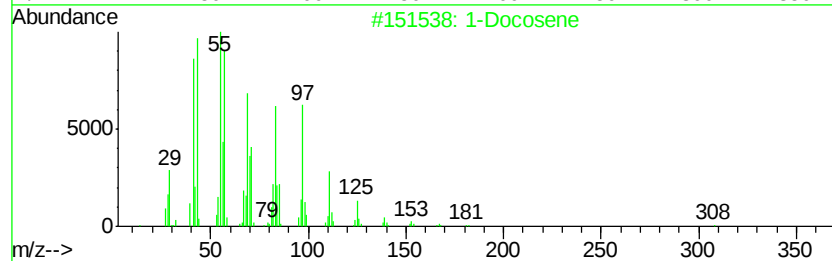
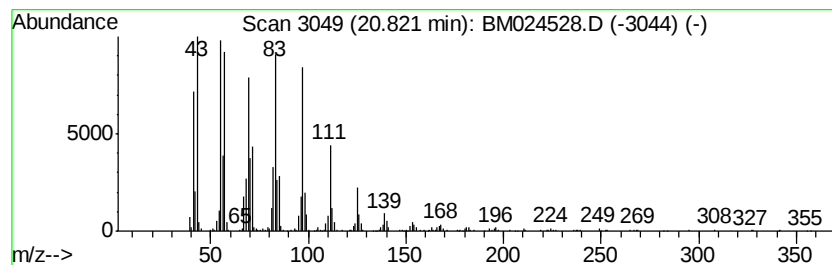
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Cyclic20.82 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.84 ng/ul	1202660	Chrysene-d12	21.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	99
2			1-Heneicosanol	312	C21H44O	015594-90-8	95
3			n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94



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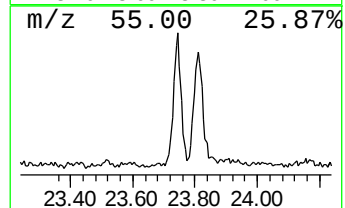
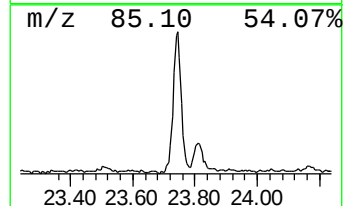
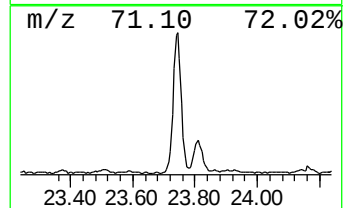
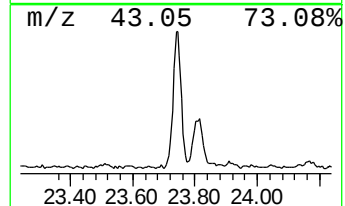
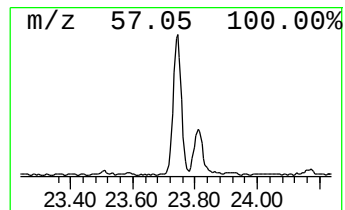
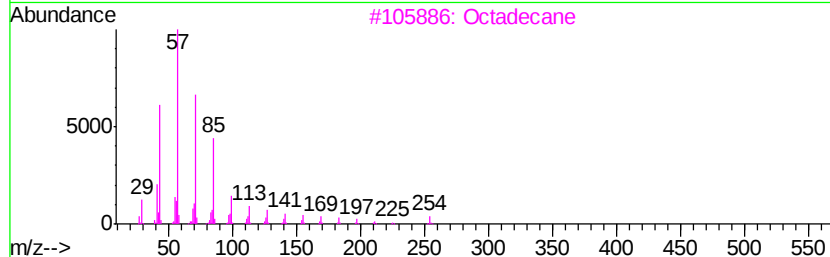
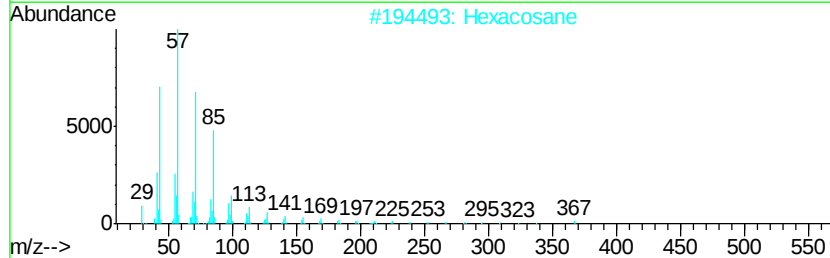
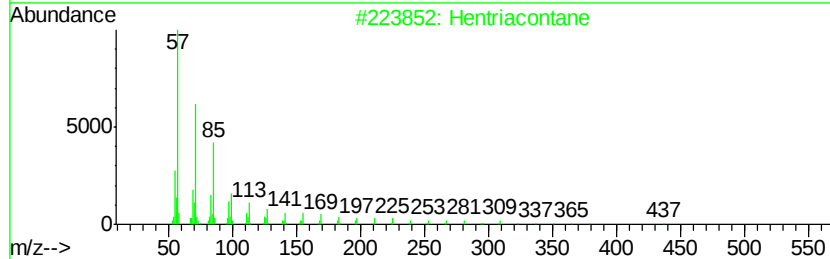
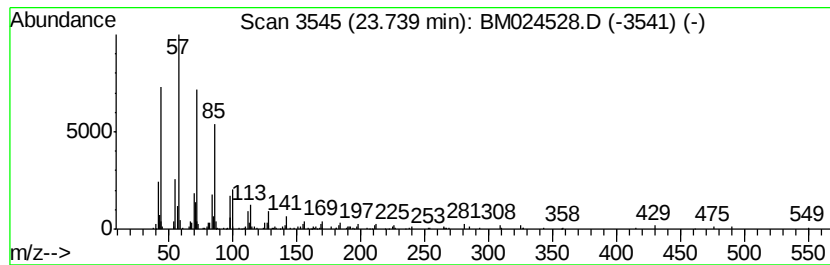
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.18 ng/ul	496256	Perylene-d12	23.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	91
2		Hexacosane	366	C26H54	000630-01-3	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Heptacosane	380	C27H56	000593-49-7	90
5		Triacontane	422	C30H62	000638-68-6	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	2.1	ng/ul	474460	4	16.85	4433140	20.0
(DEL) Alkane: Cyc...	20.82	4.8	ng/ul	1202660	5	21.06	4971820	20.0
(DEL) Alkane: Str...	23.74	2.2	ng/ul	496256	6	23.18	4544540	20.0