

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052919\
 Data File : BM020588.D
 Acq On : 28 May 2019 22:18
 Operator : JU/SJ
 Sample : K2692-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A5177

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-BM051619MA.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	6.816	645	651	664	rBV	55184	159437	8.49%	1.059%
2	6.981	674	679	692	rBV	55434	127131	6.77%	0.844%
3	7.163	704	710	731	rVB	109142	236219	12.58%	1.569%
4	7.628	784	789	802	rBV	127266	278355	14.82%	1.848%
5	8.351	906	912	929	rBV2	66468	206073	10.98%	1.368%
6	8.804	983	989	1006	rVV	80187	214982	11.45%	1.428%
7	9.134	1042	1045	1050	rVB3	5008	6942	0.37%	0.046%
8	9.522	1105	1111	1124	rBV3	65918	162585	8.66%	1.080%
9	10.051	1195	1201	1219	rBV	87965	254004	13.53%	1.687%
10	10.416	1257	1263	1274	rBV	228401	437047	23.28%	2.902%
11	10.592	1286	1293	1310	rBV3	46373	181398	9.66%	1.205%
12	13.704	1817	1822	1827	rBV	410662	596640	31.78%	3.962%
13	13.751	1827	1830	1848	rVB	143704	241062	12.84%	1.601%
14	13.980	1863	1869	1881	rBV	407459	664995	35.42%	4.416%
15	14.116	1890	1892	1902	rVB	1475	2407	0.13%	0.016%
16	14.292	1915	1922	1942	rBV2	455115	734055	39.09%	4.874%
17	14.621	1967	1978	1980	rBV5	6374	19365	1.03%	0.129%
18	15.292	2086	2092	2112	rBV	540271	909609	48.44%	6.040%
19	15.433	2112	2116	2129	rVV	67432	145893	7.77%	0.969%
20	15.533	2130	2133	2139	rVB3	4077	7086	0.38%	0.047%
21	17.045	2384	2390	2401	rBV	623561	1002026	53.37%	6.654%
22	17.145	2401	2407	2430	rVB	597689	1035903	55.17%	6.879%
23	17.933	2538	2541	2548	rBV4	3355	7142	0.38%	0.047%
24	18.504	2634	2638	2641	rVV4	1531	2030	0.11%	0.013%
25	19.086	2733	2737	2742	rBV4	4350	7903	0.42%	0.052%
26	19.339	2778	2780	2783	rBV3	2950	2306	0.12%	0.015%
27	19.445	2792	2798	2814	rBV	1007156	1440515	76.72%	9.566%
28	20.386	2953	2958	2961	rBV6	11700	23420	1.25%	0.156%
29	20.474	2971	2973	2979	rVB7	7535	7762	0.41%	0.052%
30	20.945	3049	3053	3059	rBV4	42345	66350	3.53%	0.441%
31	21.245	3099	3104	3122	rBV	915505	1479064	78.77%	9.822%
32	21.374	3123	3126	3133	rVB2	45565	57850	3.08%	0.384%
33	21.803	3195	3199	3205	rBV	100887	128992	6.87%	0.857%
34	22.256	3272	3276	3281	rBV	152395	180719	9.62%	1.200%

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35	22.756	3356	3361	3368	rVB	173561	253735	13.51%	1.685%
36	23.321	3451	3457	3473	rVB	885828	1877644	100.00%	12.468%
37	23.468	3475	3482	3497	rVB2	698870	1487069	79.20%	9.875%
38	23.944	3559	3563	3571	rVB	131469	242891	12.94%	1.613%
39	24.680	3685	3688	3699	rVB3	87486	170763	9.09%	1.134%

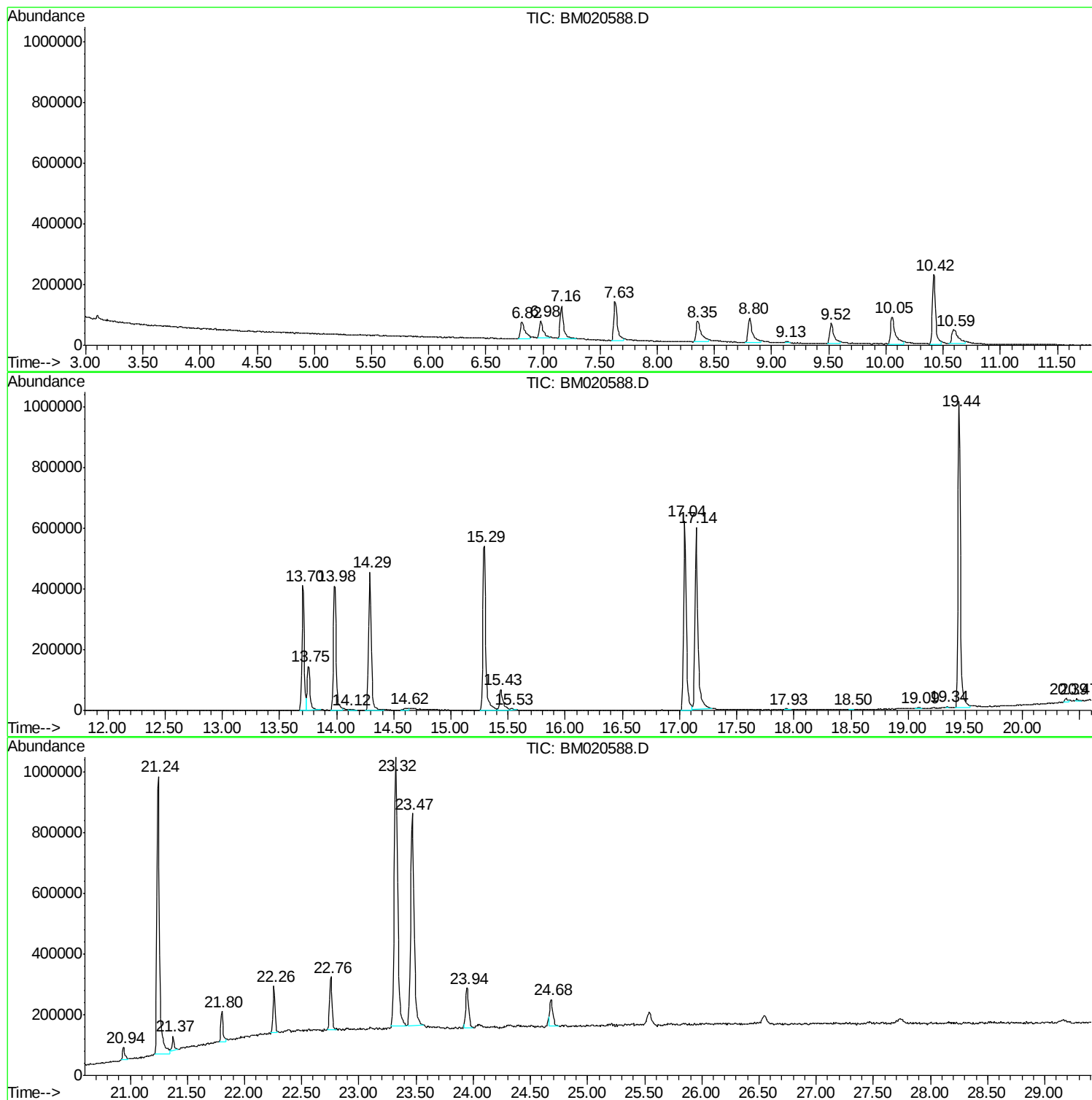
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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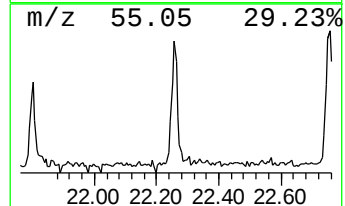
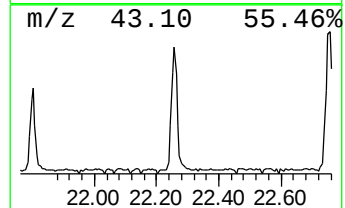
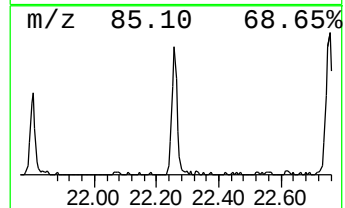
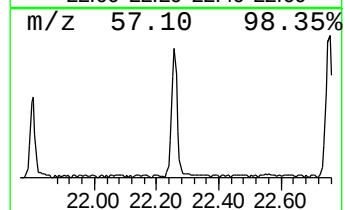
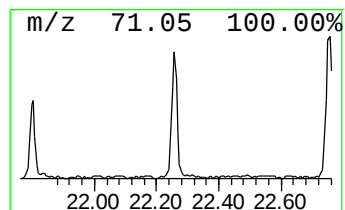
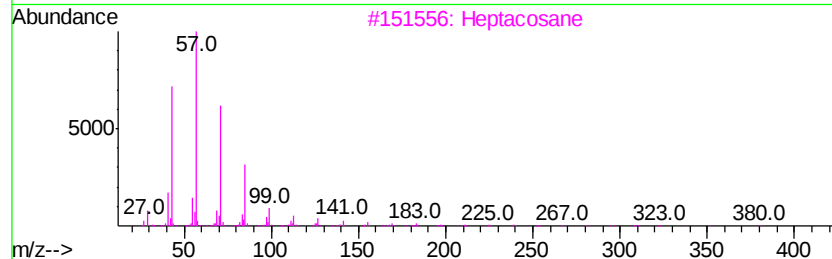
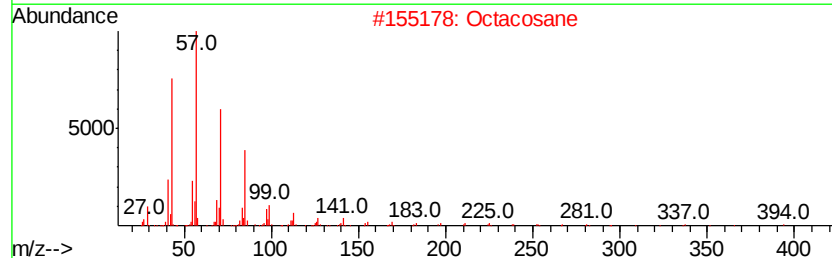
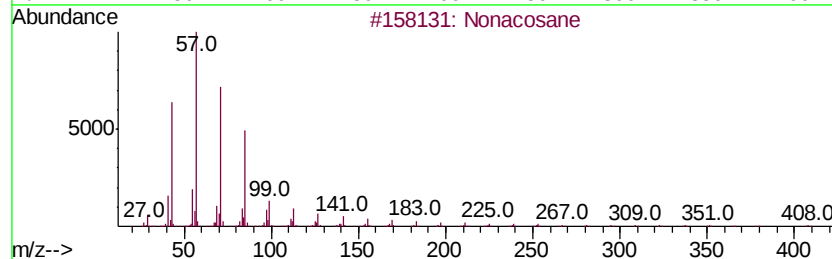
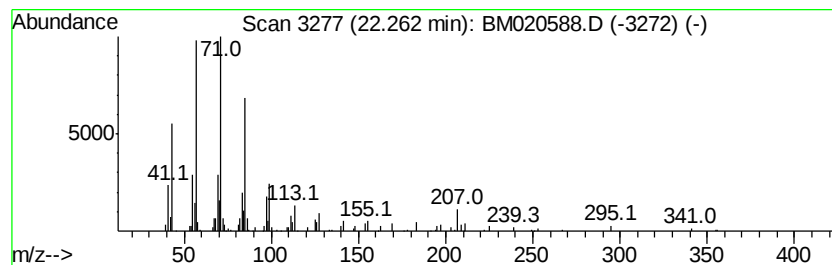
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.26	2.44 ng/ul	180719	Chrysene-d12	21.24
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonacosane	408 C29H60	000630-03-5 87
2		Octacosane	394 C28H58	000630-02-4 87
3		Heptacosane	380 C27H56	000593-49-7 83
4		Docosane	310 C22H46	000629-97-0 83
5		Heptadecane, 9-octyl-	352 C25H52	007225-64-1 80



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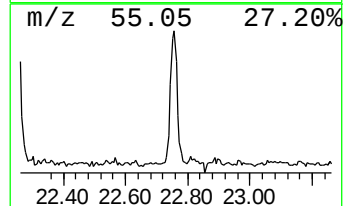
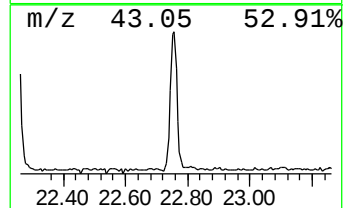
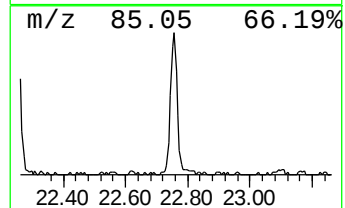
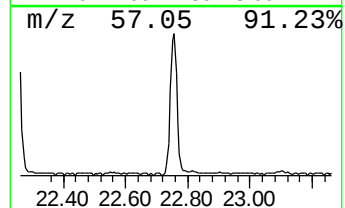
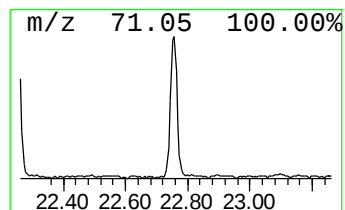
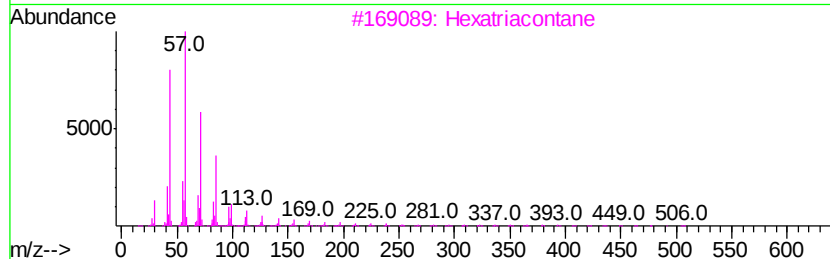
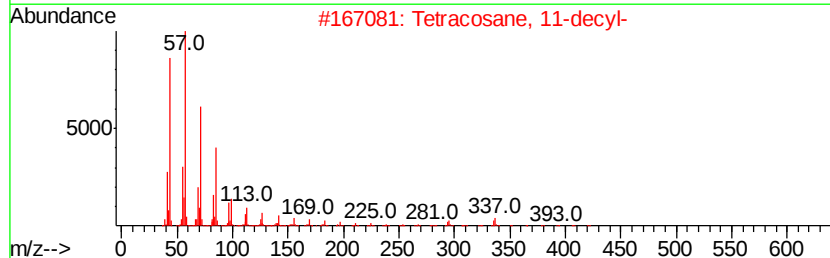
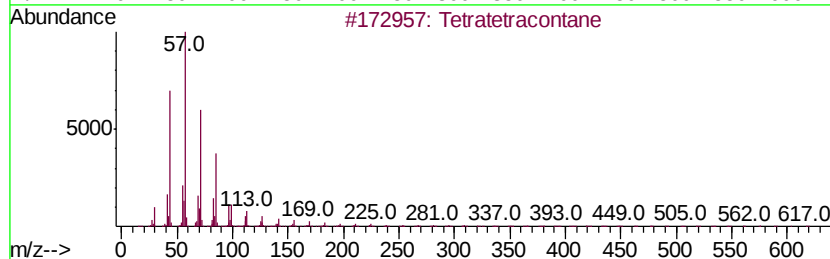
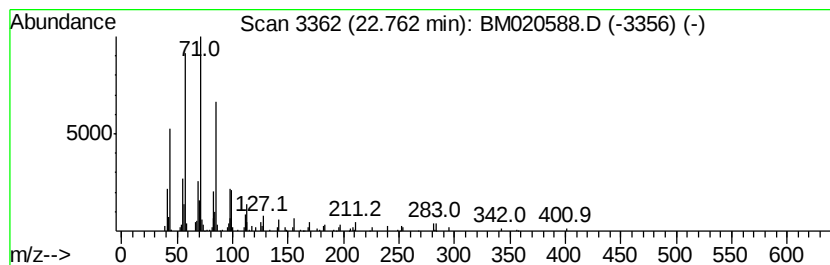
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	3.41 ng/ul	253735	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3		Hexatriacontane	507	C36H74	000630-06-8	86
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
5		Heptacosane	380	C27H56	000593-49-7	83



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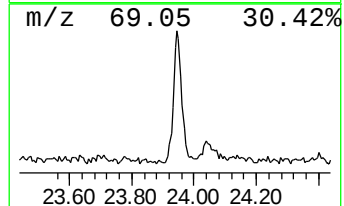
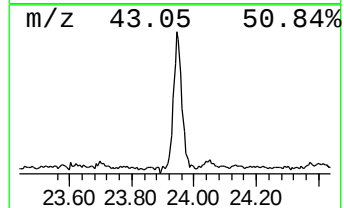
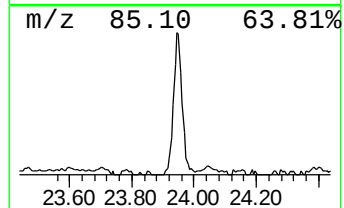
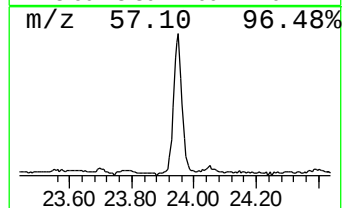
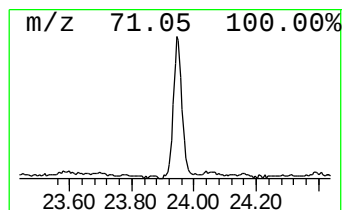
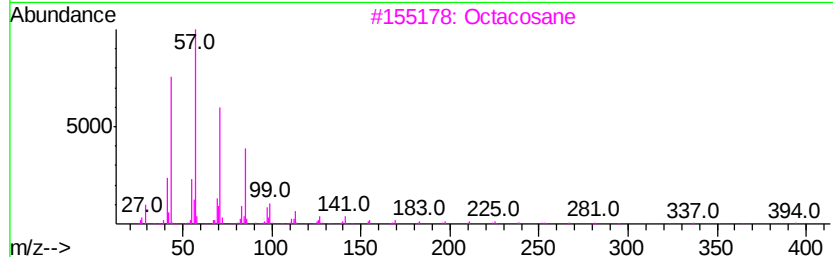
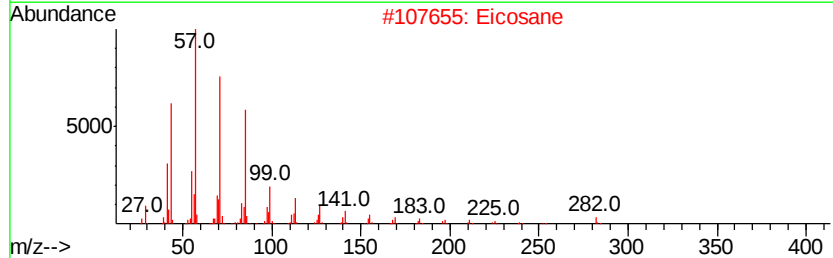
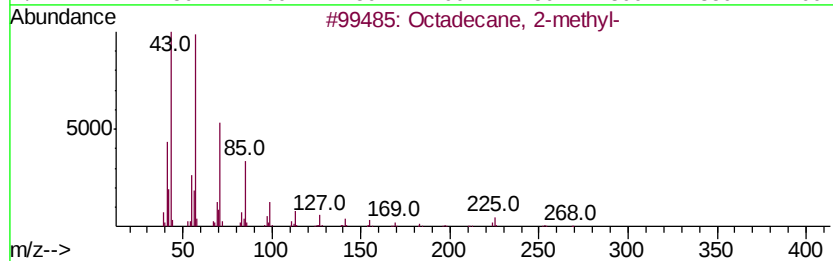
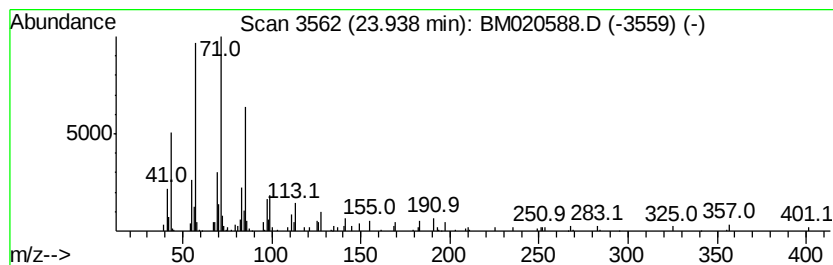
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	3.27 ng/ul	242891	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
2		Eicosane	282	C20H42	000112-95-8	91
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptacosane	380	C27H56	000593-49-7	83
5		Docosane	310	C22H46	000629-97-0	83



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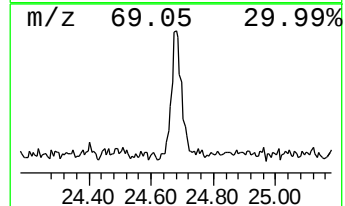
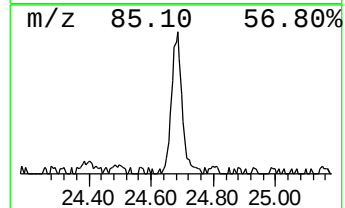
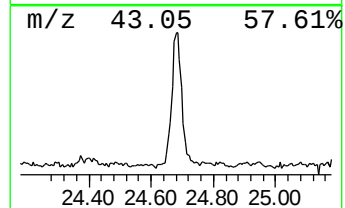
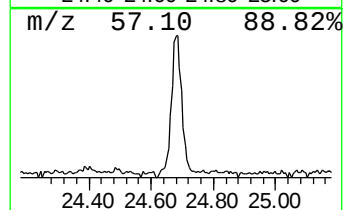
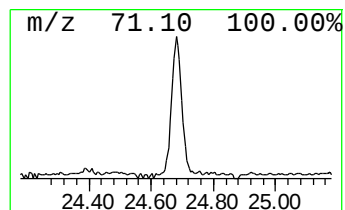
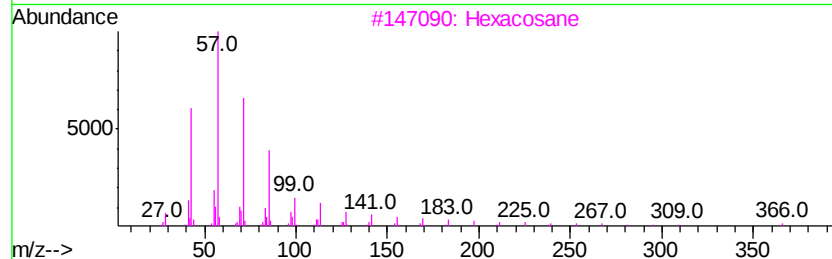
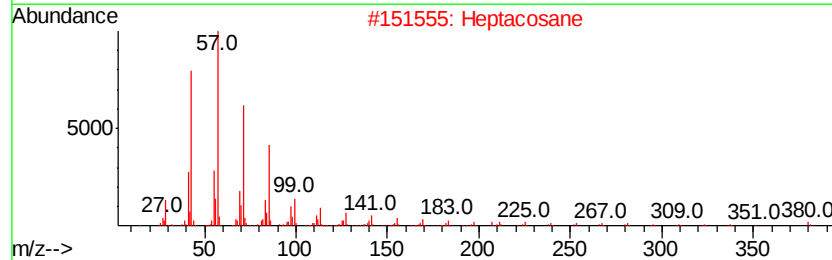
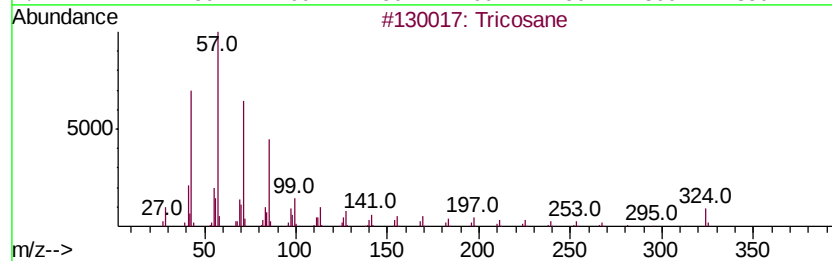
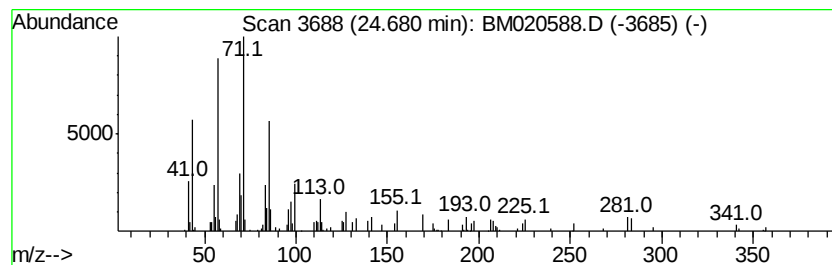
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.68	2.30 ng/ul	170763	Perylene-d12	23.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	83
2		Heptacosane	380	C27H56	000593-49-7	80
3		Hexacosane	366	C26H54	000630-01-3	80
4		Heneicosane	296	C21H44	000629-94-7	80
5		Octacosane	394	C28H58	000630-02-4	80



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	22.26	2.4	ng/ul	180719	5	21.24	1479060	20.0
(DEL) Alkane: Str...	22.76	3.4	ng/ul	253735	6	23.47	1487070	20.0
(DEL) Alkane: Str...	23.94	3.3	ng/ul	242891	6	23.47	1487070	20.0
(DEL) Alkane: Str...	24.68	2.3	ng/ul	170763	6	23.47	1487070	20.0