

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000502.D
 Acq On : 20 Mar 2018 20:45
 Operator : JU/SJ
 Sample : J1956-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1016

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:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.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	3.590	21	26	32	rVB	62064	87065	1.39%	0.136%
2	4.420	162	167	172	rVB	10003	15281	0.24%	0.024%
3	5.408	329	335	340	rBV	19223	29432	0.47%	0.046%
4	5.831	402	407	416	rVB	55436	84791	1.35%	0.132%
5	5.972	424	431	442	rBV	210920	433659	6.92%	0.678%
6	6.361	489	497	503	rBV	155213	242621	3.87%	0.379%
7	6.420	503	507	517	rVB	58779	90741	1.45%	0.142%
8	6.572	526	533	539	rVB3	7039	13378	0.21%	0.021%
9	7.196	635	639	643	rBV4	6232	8122	0.13%	0.013%
10	7.543	692	698	714	rVB	281597	474732	7.58%	0.742%
11	7.672	714	720	722	rBV3	9196	12225	0.20%	0.019%
12	7.719	722	728	736	rVB	1068151	1651078	26.35%	2.580%
13	7.814	742	744	751	rVB2	6426	8098	0.13%	0.013%
14	7.937	757	765	773	rBV	1014340	1666963	26.60%	2.605%
15	8.414	839	846	860	rVB	968757	1609233	25.68%	2.514%
16	9.114	958	965	976	rBV	862041	1427197	22.78%	2.230%
17	9.596	1038	1047	1056	rBV	1213800	2019361	32.23%	3.155%
18	9.666	1056	1059	1065	rBV2	8163	13757	0.22%	0.021%
19	10.325	1163	1171	1182	rVB	989247	1653473	26.39%	2.583%
20	10.866	1254	1263	1276	rBV	1448875	2456974	39.21%	3.839%
21	11.255	1321	1329	1342	rBV	1400984	2382472	38.02%	3.722%
22	11.378	1342	1350	1357	rVB	56077	92009	1.47%	0.144%
23	12.813	1588	1594	1600	rBV2	27540	41941	0.67%	0.066%
24	13.384	1686	1691	1698	rVB4	3944	7072	0.11%	0.011%
25	13.625	1728	1732	1735	rBV	4319	6354	0.10%	0.010%
26	13.654	1735	1737	1742	rVB	6084	7610	0.12%	0.012%
27	14.425	1861	1868	1874	rBV	2542431	3608662	57.59%	5.638%
28	14.472	1874	1876	1881	rVB2	6182	8317	0.13%	0.013%
29	14.543	1883	1888	1894	rBV3	7200	10750	0.17%	0.017%
30	14.731	1913	1920	1930	rBV	3122067	4648035	74.18%	7.262%
31	15.037	1965	1972	1981	rVB2	1922735	3057373	48.79%	4.777%
32	15.201	1994	2000	2006	rBV	245217	373827	5.97%	0.584%
33	15.243	2006	2007	2012	rVB	17160	14819	0.24%	0.023%
34	15.737	2087	2091	2096	rBV	19646	26026	0.42%	0.041%

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35	15.813	2100	2104	2113	rVB	34423	47856	0.76%	0.075%
36	16.013	2131	2138	2151	rBV	3554048	5386011	85.95%	8.415%
37	16.125	2151	2157	2170	rBV	1107072	1581180	25.23%	2.470%
38	16.254	2174	2179	2185	rVB	42976	60611	0.97%	0.095%
39	16.684	2248	2252	2257	rBV4	5740	7776	0.12%	0.012%
40	16.872	2280	2284	2291	rVV3	5580	9294	0.15%	0.015%
41	16.937	2291	2295	2297	rVV	5673	7709	0.12%	0.012%
42	16.960	2297	2299	2307	rVB4	5212	8107	0.13%	0.013%
43	17.207	2335	2341	2345	rBV3	8760	16686	0.27%	0.026%
44	17.548	2391	2399	2405	rBB	10439	16691	0.27%	0.026%
45	17.760	2428	2435	2441	rBV2	2407310	3511999	56.05%	5.487%
46	17.860	2444	2452	2462	rVV	3900081	5699361	90.96%	8.905%
47	18.589	2572	2576	2582	rBV3	16301	24479	0.39%	0.038%
48	18.672	2587	2590	2596	rVB	16256	20860	0.33%	0.033%
49	18.954	2633	2638	2644	rBV8	5428	12079	0.19%	0.019%
50	19.489	2725	2729	2737	rVB5	10484	15780	0.25%	0.025%
51	19.748	2768	2773	2777	rVV	50699	65542	1.05%	0.102%
52	19.842	2786	2789	2798	rBV6	17798	29099	0.46%	0.045%
53	20.001	2811	2816	2821	rVB	43022	57996	0.93%	0.091%
54	20.113	2829	2835	2842	rBV	4467534	6266116	100.00%	9.790%
55	21.748	3110	3113	3117	rVB	34221	35538	0.57%	0.056%
56	21.878	3130	3135	3142	rBV	2607170	3606502	57.56%	5.635%
57	22.454	3230	3233	3238	rVB2	38951	53688	0.86%	0.084%
58	22.966	3316	3320	3327	rBV	106848	152402	2.43%	0.238%
59	23.525	3410	3415	3422	rBV2	162686	277384	4.43%	0.433%
60	24.207	3518	3531	3544	rVB2	2338999	5130347	81.87%	8.016%
61	24.360	3549	3557	3567	rVB2	1382217	2916248	46.54%	4.556%
62	24.883	3641	3646	3657	rVB	163869	344310	5.49%	0.538%
63	25.724	3783	3789	3802	rVB	146310	358052	5.71%	0.559%

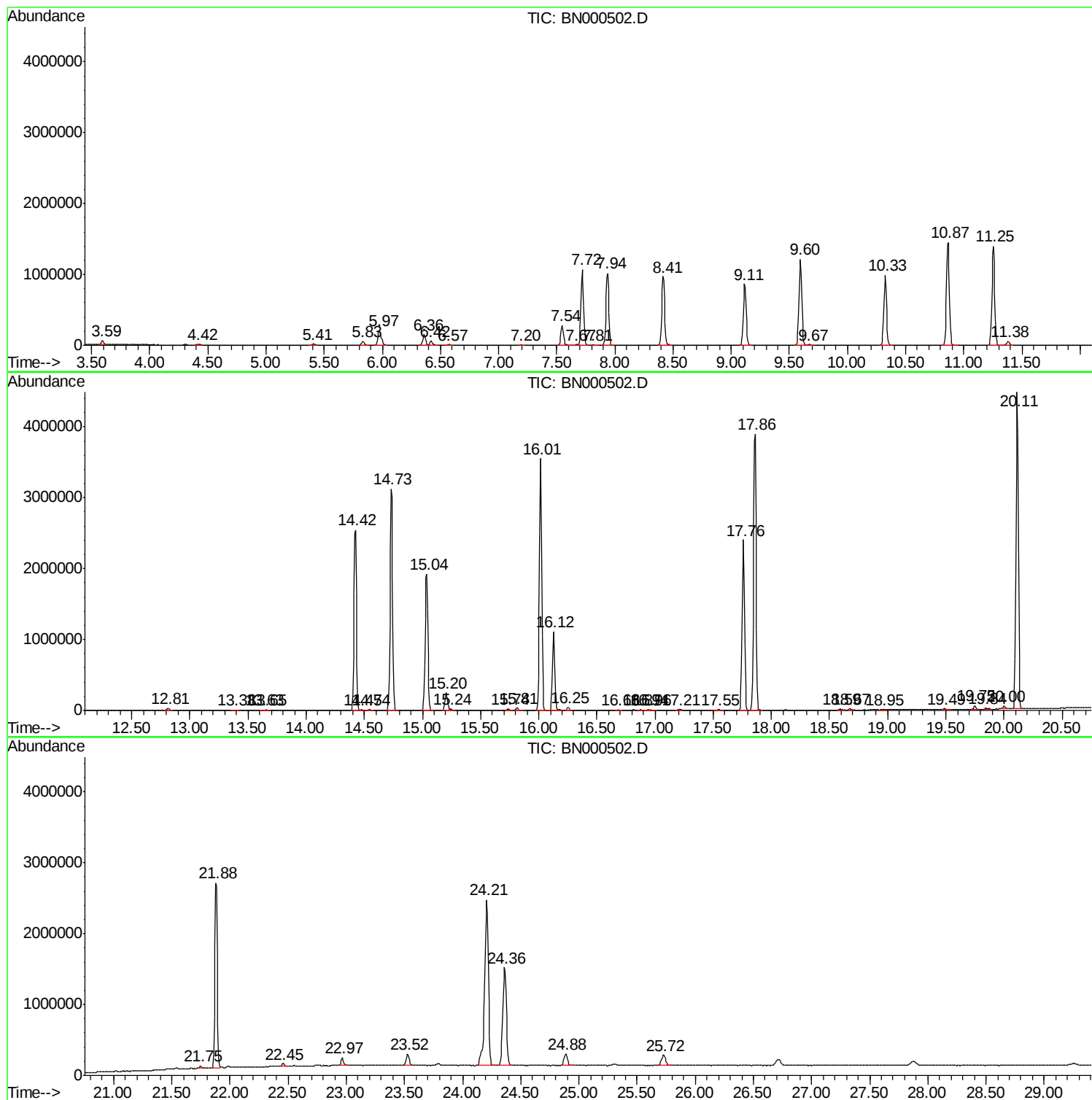
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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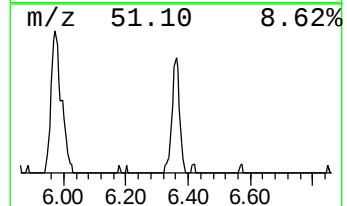
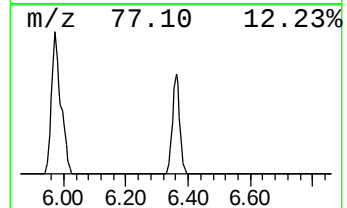
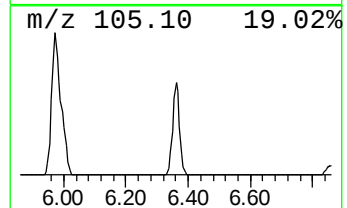
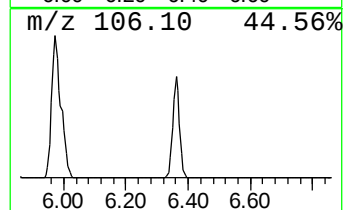
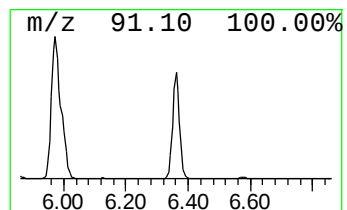
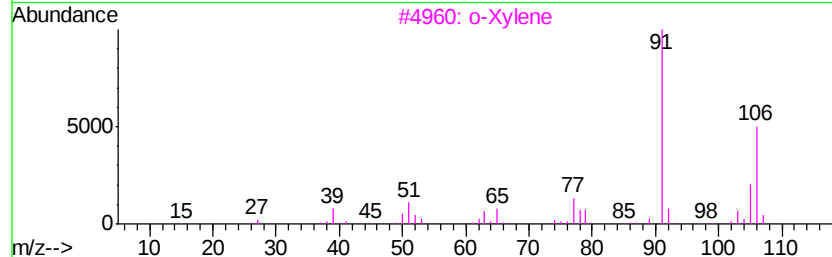
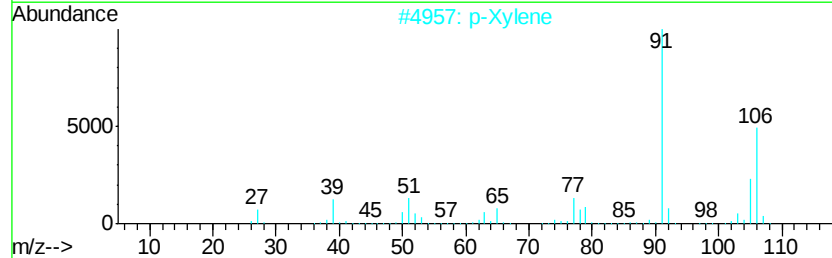
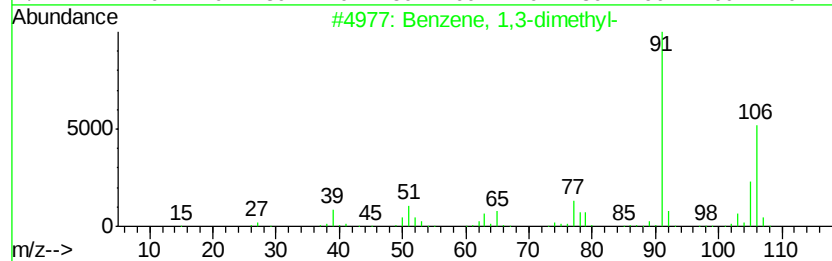
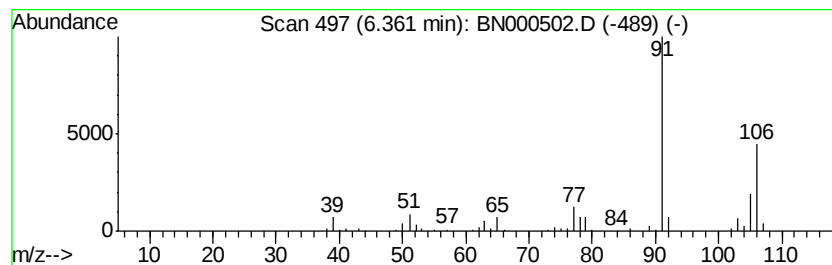
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	3.02 ng/ul	242621	1,4-Dichlorobenzene-d4	8.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2		p-Xylene	106	C8H10	000106-42-3	97
3		o-Xylene	106	C8H10	000095-47-6	97
4		o-Xylene	106	C8H10	000095-47-6	95
5		p-Xylene	106	C8H10	000106-42-3	95



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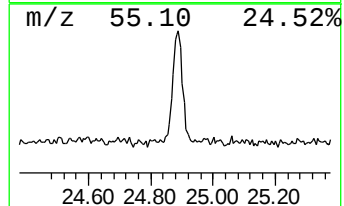
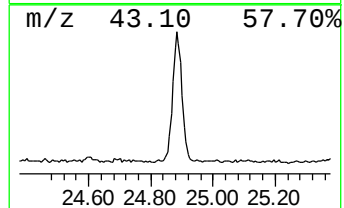
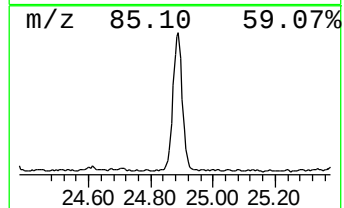
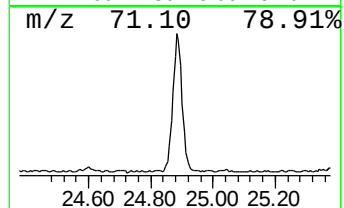
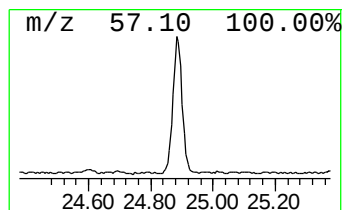
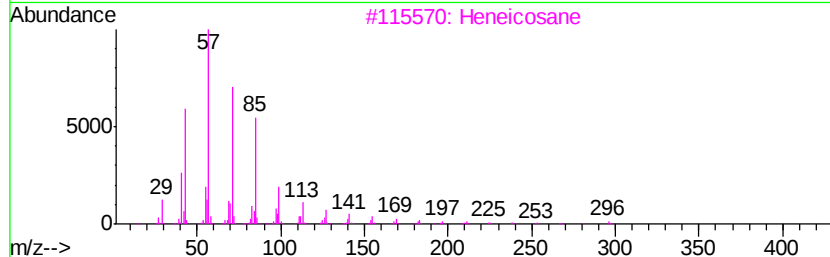
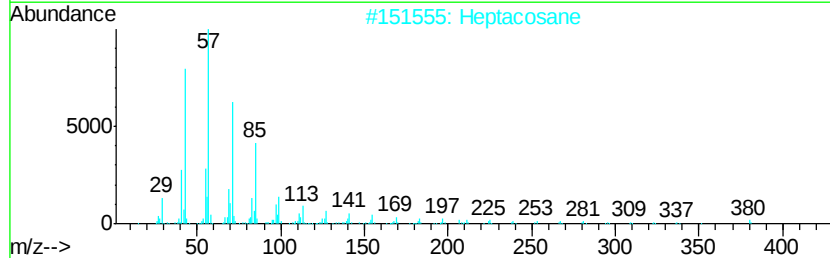
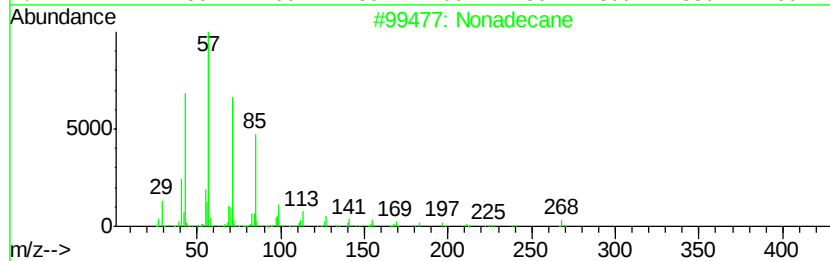
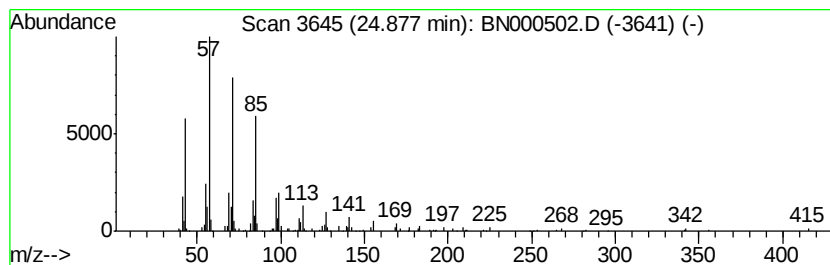
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.88	2.36 ng/ul	344310	Perylene-d12	24.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Tetratriacontane	479	C34H70	014167-59-0	91
5			Octacosane	394	C28H58	000630-02-4	91



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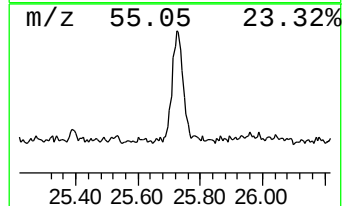
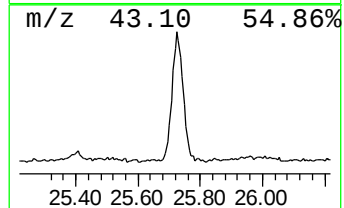
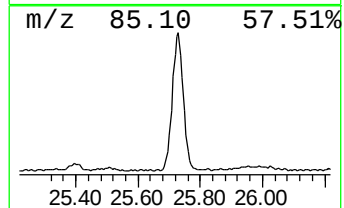
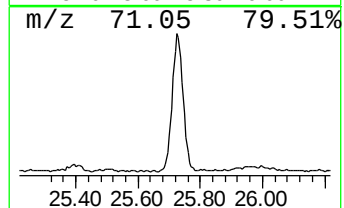
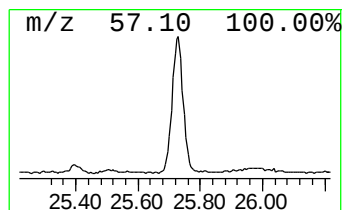
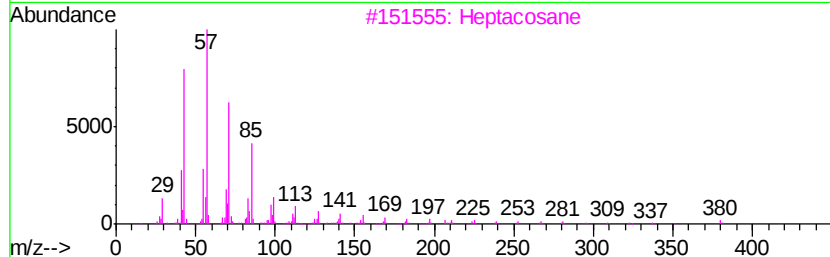
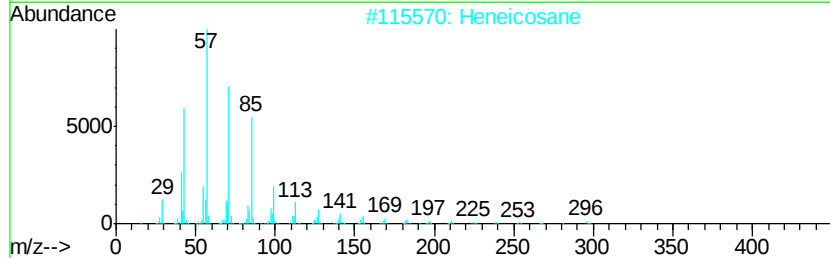
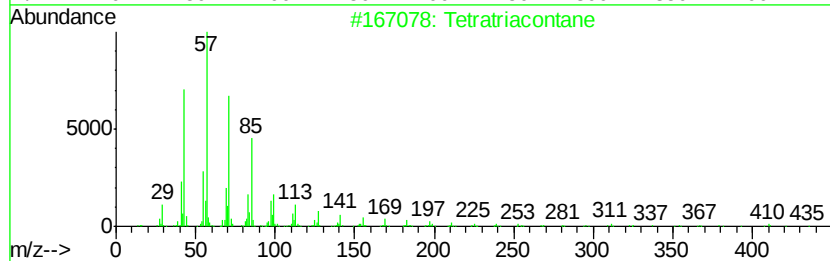
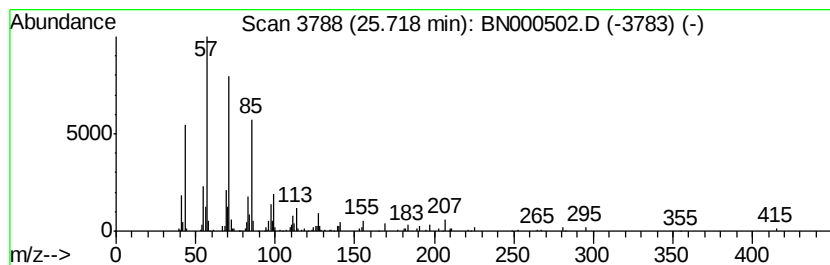
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	2.46 ng/ul	358052	Perylene-d12	24.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratriacontane	479	C34H70	014167-59-0	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Heptacosane	380	C27H56	000593-49-7	91
4			Triacontane	422	C30H62	000638-68-6	91
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,3-dime...	6.36	3.0	ng/ul	242621	1	8.41	1609230	20.0
(DEL) Alkane: Str...	24.88	2.4	ng/ul	344310	6	24.36	2916250	20.0
(DEL) Alkane: Str...	25.72	2.5	ng/ul	358052	6	24.36	2916250	20.0