

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_N\DATA\BN022619\  
 Data File : BN004517.D  
 Acq On : 27 Feb 2019 02:02  
 Operator : JU/SJ  
 Sample : K1553-04  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BF5X1

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\_N\METHODS\SOM-EPA-BN020719MA.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	3.240	39	43	48	rBV2	3791	5148	0.48%	0.063%
2	3.752	128	130	135	rVB2	1334	1195	0.11%	0.015%
3	6.893	659	664	673	rBB	60767	97119	9.14%	1.191%
4	7.075	690	695	706	rBB	44696	69721	6.56%	0.855%
5	7.263	722	727	734	rBB	66199	102066	9.61%	1.252%
6	7.740	802	808	814	rBB	105872	167086	15.73%	2.050%
7	8.428	920	925	932	rBB	81884	123102	11.59%	1.510%
8	8.558	944	947	951	rBB	2396	3241	0.31%	0.040%
9	8.899	999	1005	1012	rBB	64459	100265	9.44%	1.230%
10	9.257	1062	1066	1069	rBB	2009	2482	0.23%	0.030%
11	9.610	1121	1126	1132	rBB	52238	79130	7.45%	0.971%
12	10.140	1210	1216	1222	rBB	97112	147440	13.88%	1.809%
13	10.522	1274	1281	1288	rBB	179981	287926	27.10%	3.532%
14	10.663	1299	1305	1313	rBB	78107	122941	11.57%	1.508%
15	12.110	1549	1551	1554	rBB	1120	1138	0.11%	0.014%
16	13.787	1830	1836	1840	rBV	183591	248610	23.40%	3.050%
17	13.828	1840	1843	1849	rVB	35138	45659	4.30%	0.560%
18	14.069	1878	1884	1890	rBV	218088	296837	27.94%	3.641%
19	14.375	1930	1936	1943	rBB2	278229	422077	39.72%	5.178%
20	14.569	1964	1969	1975	rBB	56532	75098	7.07%	0.921%
21	14.940	2027	2032	2037	rBB	59082	74974	7.06%	0.920%
22	15.157	2067	2069	2072	rBB	1247	1375	0.13%	0.017%
23	15.369	2099	2105	2111	rBB	301104	408501	38.45%	5.011%
24	15.487	2121	2125	2129	rBB	21792	25350	2.39%	0.311%
25	15.610	2143	2146	2148	rBB	1346	1435	0.14%	0.018%
26	15.863	2186	2189	2193	rBB	4577	5052	0.48%	0.062%
27	16.910	2364	2367	2370	rBB	800	1116	0.11%	0.014%
28	17.122	2397	2403	2409	rBV2	389464	543902	51.19%	6.672%
29	17.222	2414	2420	2426	rBV2	313211	433574	40.81%	5.319%
30	17.375	2442	2446	2449	rBB	2096	2261	0.21%	0.028%
31	17.886	2527	2533	2539	rBV	8915	12114	1.14%	0.149%
32	18.004	2549	2553	2558	rBV	31552	38731	3.65%	0.475%
33	18.298	2600	2603	2606	rBV2	1605	1568	0.15%	0.019%
34	18.351	2609	2612	2615	rVB2	2033	2463	0.23%	0.030%

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35	18.939	2709	2712	2714	rVB	2297	2121	0.20%	0.026%
36	19.151	2742	2748	2751	rBV	4892	7053	0.66%	0.087%
37	19.186	2751	2754	2758	rVB	2923	4275	0.40%	0.052%
38	19.292	2766	2772	2780	rBV	10859	17314	1.63%	0.212%
39	19.410	2784	2792	2795	rBV2	2801	4402	0.41%	0.054%
40	19.522	2805	2811	2821	rVB	436991	578369	54.43%	7.095%
41	19.598	2821	2824	2826	rVB2	1436	1247	0.12%	0.015%
42	19.751	2846	2850	2856	rVB2	1597	3267	0.31%	0.040%
43	19.828	2859	2863	2864	rBV4	1425	1843	0.17%	0.023%
44	19.863	2866	2869	2870	rVV2	1212	1074	0.10%	0.013%
45	19.916	2876	2878	2880	rBV3	1102	1173	0.11%	0.014%
46	19.945	2881	2883	2886	rVB2	1180	1222	0.12%	0.015%
47	20.033	2894	2898	2899	rBV3	1255	1819	0.17%	0.022%
48	20.057	2899	2902	2907	rVB2	5533	7232	0.68%	0.089%
49	20.145	2915	2917	2921	rBV3	2670	3206	0.30%	0.039%
50	20.292	2940	2942	2943	rBV	1446	1064	0.10%	0.013%
51	20.322	2945	2947	2949	rBV3	1525	1689	0.16%	0.021%
52	20.422	2962	2964	2967	rVV3	2140	2338	0.22%	0.029%
53	20.445	2967	2968	2972	rVB3	2107	1883	0.18%	0.023%
54	20.551	2983	2986	2989	rBV2	10072	11256	1.06%	0.138%
55	20.969	3055	3057	3058	rBV2	2412	1359	0.13%	0.017%
56	21.016	3061	3065	3069	rVV2	22924	26285	2.47%	0.322%
57	21.098	3075	3079	3083	rBV	13803	16821	1.58%	0.206%
58	21.222	3097	3100	3106	rVB	9432	14206	1.34%	0.174%
59	21.316	3111	3116	3125	rVV	701716	914714	86.09%	11.221%
60	21.457	3136	3140	3144	rBV	28156	30063	2.83%	0.369%
61	21.892	3210	3214	3218	rVB	33469	38094	3.59%	0.467%
62	22.357	3289	3293	3299	rVB	51676	66519	6.26%	0.816%
63	22.486	3312	3315	3319	rVB	14863	17983	1.69%	0.221%
64	22.869	3375	3380	3385	rBV	64508	88600	8.34%	1.087%
65	23.439	3470	3477	3488	rVB	494450	925235	87.08%	11.350%
66	23.586	3494	3502	3516	rVB	552435	1062517	100.00%	13.034%
67	24.086	3582	3587	3595	rVB	66646	124664	11.73%	1.529%
68	24.845	3709	3716	3725	rVB	56788	128189	12.06%	1.573%
69	25.721	3859	3865	3878	rVB2	33499	92129	8.67%	1.130%

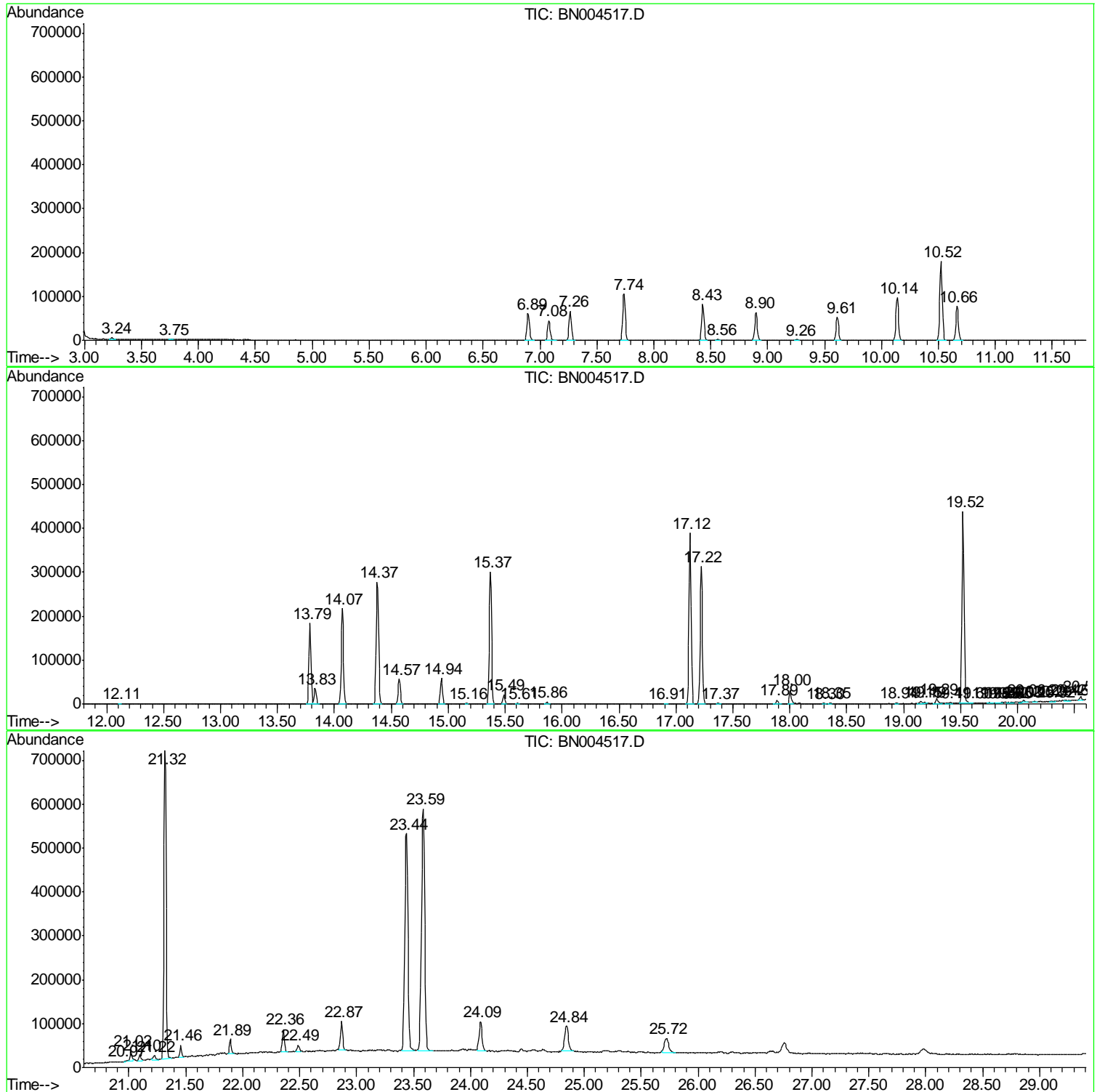
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN020719MA.M  
Quant Title : SVOA CALIBRATION

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



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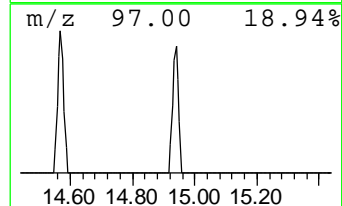
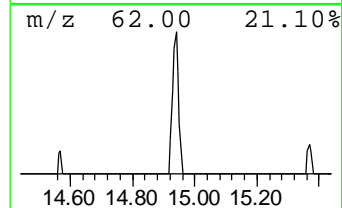
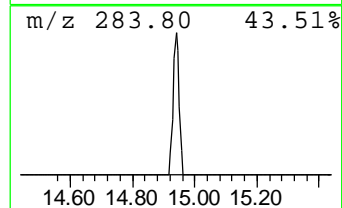
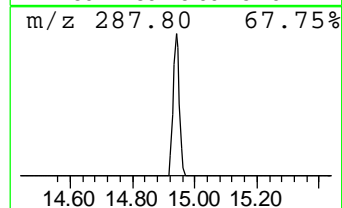
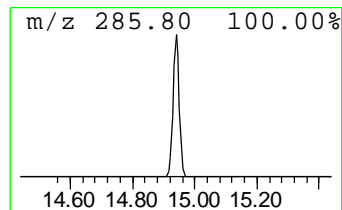
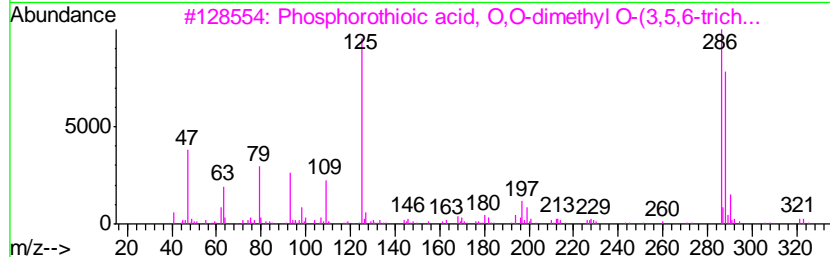
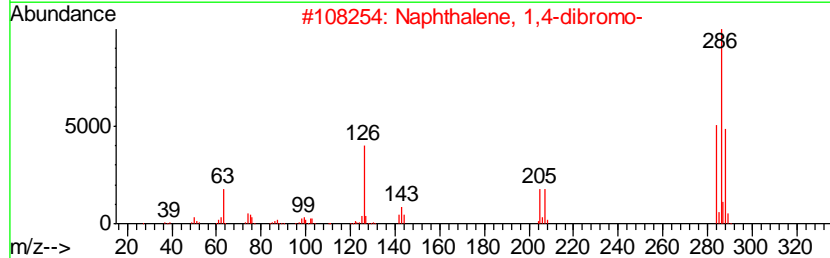
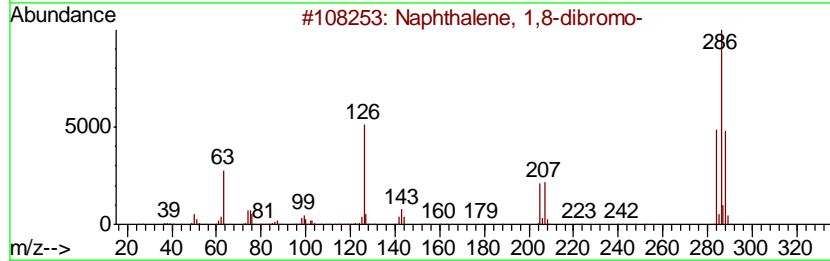
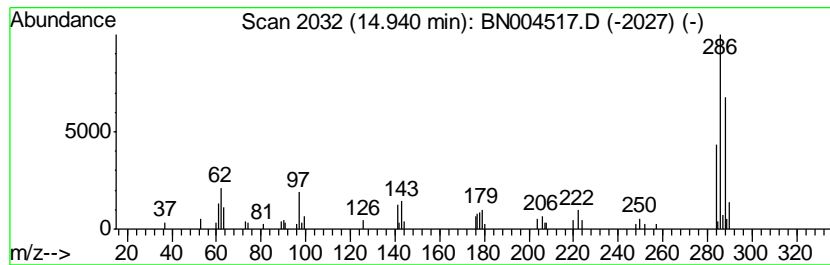
TIC Library : C:\DATABASE\NIST02.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 1 Naphthalene, 1,8-dibromo- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	3.55 ng/ul	74974	Acenaphthene-d10	14.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dibromo-	284	C10H6Br2	017135-74-9	55
2		Naphthalene, 1,4-dibromo-	284	C10H6Br2	000083-53-4	43
3		Phosphorothioic acid, O,O-dimeth...	321	C7H7Cl3NO3PS	005598-13-0	38
4		Naphthalene, 2,7-dibromo-	284	C10H6Br2	058556-75-5	38
5		Phosphorothioic acid, O,O-dimeth...	321	C7H7Cl3NO3PS	005598-13-0	32



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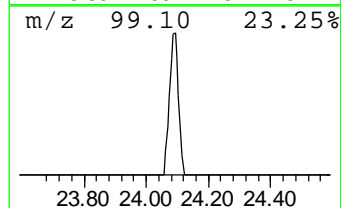
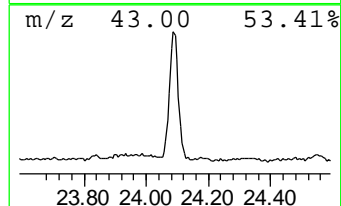
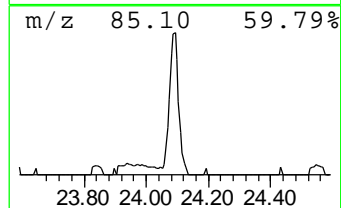
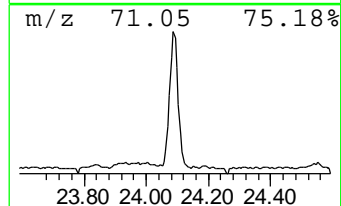
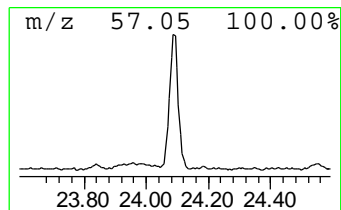
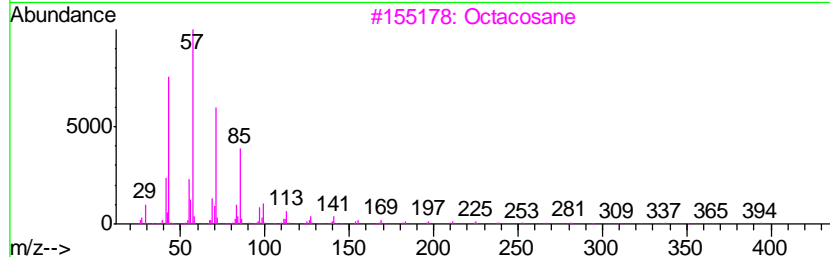
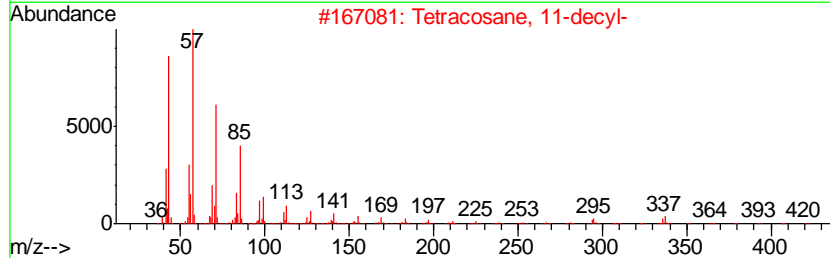
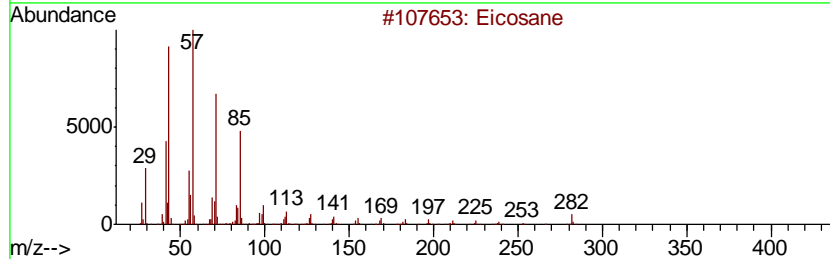
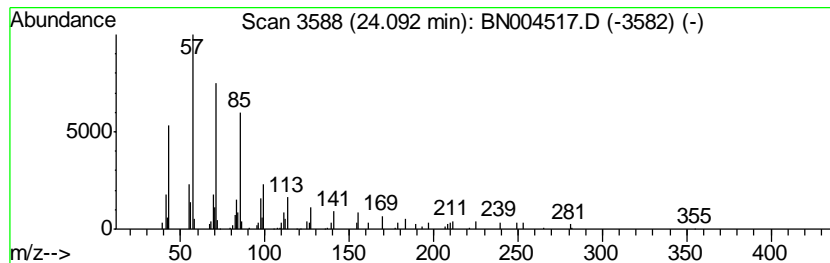
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 Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.35 ng/ul	124664	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		triacontane	422	C30H62	000638-68-6	91



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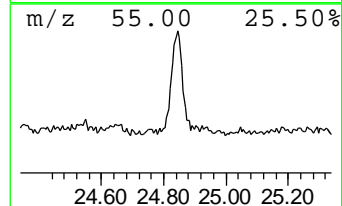
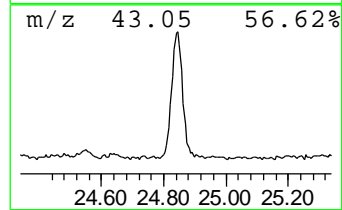
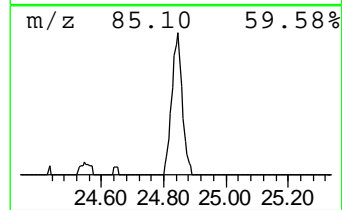
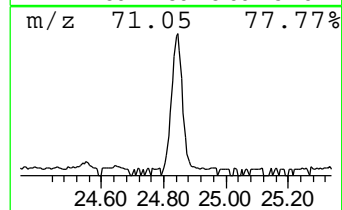
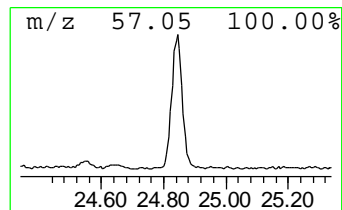
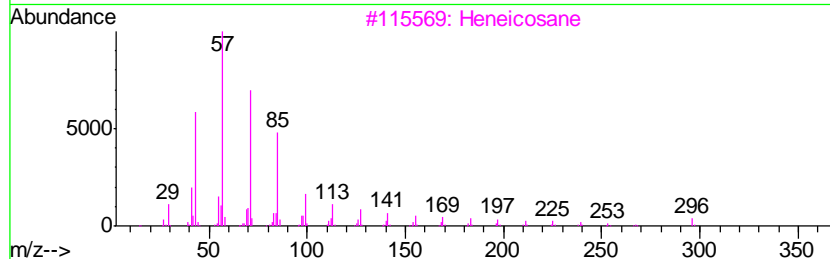
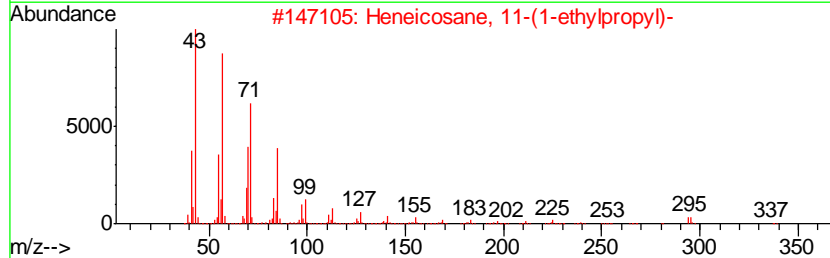
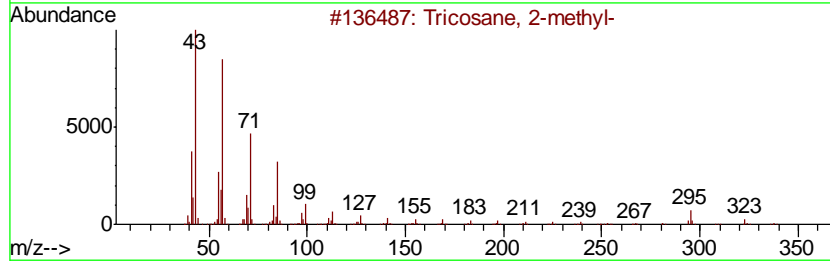
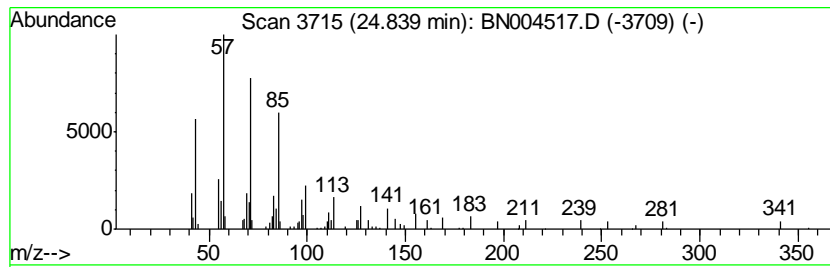
TIC Library : C:\DATABASE\NIST02.L  
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\*\*\*\*\*  
 Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.84	2.41 ng/ul	128189	Perylene-d12	23.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	91
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Triacontane	422	C30H62	000638-68-6	90
5		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,8-...	14.94	3.5	ng/ul	74974	3	14.37	422077	20.0
(DEL) Alkane: Str...	24.09	2.4	ng/ul	124664	6	23.59	1062520	20.0
(DEL) Alkane: Str...	24.84	2.4	ng/ul	128189	6	23.59	1062520	20.0