

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072017\
 Data File : BG027995.D
 Acq On : 20 Jul 2017 12:46
 Operator : SJ/JU
 Sample : I4209-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B11

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG071717.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	3.861	41	46	54	rVB3	8508	14987	0.83%	0.086%
2	4.120	87	90	99	rBV4	2667	6271	0.35%	0.036%
3	6.576	503	508	514	rVB2	1637	3832	0.21%	0.022%
4	6.999	574	580	585	rBV3	1261	2439	0.14%	0.014%
5	7.510	656	667	687	rBV	169081	344768	19.13%	1.970%
6	7.686	687	697	710	rVV	132264	234794	13.03%	1.342%
7	7.774	710	712	720	rVB3	1715	2955	0.16%	0.017%
8	7.904	724	734	746	rVB	178953	331482	18.39%	1.894%
9	8.374	804	814	824	rBV	160492	284185	15.77%	1.624%
10	9.055	922	930	941	rBV	220133	408264	22.65%	2.333%
11	9.537	1003	1012	1029	rVB	169502	323957	17.98%	1.851%
12	10.260	1126	1135	1145	rBV	158060	293012	16.26%	1.674%
13	10.800	1218	1227	1244	rBV	232450	444726	24.68%	2.541%
14	11.188	1285	1293	1304	rVB	224164	428372	23.77%	2.448%
15	11.323	1304	1316	1329	rBV	207025	421308	23.38%	2.407%
16	11.411	1329	1331	1338	rVB	1654	2439	0.14%	0.014%
17	12.351	1486	1491	1495	rBV2	1541	2219	0.12%	0.013%
18	12.751	1553	1559	1567	rVB3	3602	6080	0.34%	0.035%
19	14.361	1823	1833	1838	rBV	516212	795475	44.14%	4.545%
20	14.408	1838	1841	1852	rVB	218155	310008	17.20%	1.771%
21	14.672	1876	1886	1896	rBV	524910	846998	47.00%	4.840%
22	14.825	1910	1912	1919	rBV3	1852	2798	0.16%	0.016%
23	14.972	1928	1937	1949	rBV2	400336	666087	36.96%	3.806%
24	15.160	1962	1969	1994	rBV2	65714	175511	9.74%	1.003%
25	15.383	2002	2007	2013	rVB2	2572	4567	0.25%	0.026%
26	15.454	2013	2019	2022	rBV	1549	2247	0.12%	0.013%
27	15.777	2064	2074	2078	rVB5	5124	10904	0.61%	0.062%
28	15.959	2093	2105	2117	rBV	756095	1210915	67.19%	6.919%
29	16.071	2117	2124	2136	rBV	144381	235643	13.08%	1.346%
30	16.200	2140	2146	2155	rVB3	8093	12713	0.71%	0.073%
31	16.335	2163	2169	2174	rBV	1483	2200	0.12%	0.013%
32	16.635	2214	2220	2232	rVB4	6029	12291	0.68%	0.070%
33	16.746	2232	2239	2241	rBV	1287	2261	0.13%	0.013%
34	17.434	2349	2356	2361	rBV4	4753	7302	0.41%	0.042%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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35	17.504	2361	2368	2375	rVB4	2998	6220	0.35%	0.036%
36	17.722	2396	2405	2415	rBV2	548488	877448	48.69%	5.014%
37	17.821	2415	2422	2432	rBV	887239	1344709	74.62%	7.684%
38	18.174	2477	2482	2486	rVB4	2843	3782	0.21%	0.022%
39	18.368	2510	2515	2521	rBV3	1094	2439	0.14%	0.014%
40	18.573	2546	2550	2556	rBV2	11450	20487	1.14%	0.117%
41	19.243	2663	2664	2670	rVB2	1685	2188	0.12%	0.013%
42	19.725	2742	2746	2751	rBV2	9982	17226	0.96%	0.098%
43	19.837	2760	2765	2770	rBV5	5890	10449	0.58%	0.060%
44	19.978	2784	2789	2796	rVB2	9706	17038	0.95%	0.097%
45	20.095	2800	2809	2822	rBV	1138252	1691540	93.86%	9.666%
46	20.982	2956	2960	2963	rBV5	1599	2565	0.14%	0.015%
47	21.018	2963	2966	2971	rVV6	1747	2826	0.16%	0.016%
48	21.441	3034	3038	3040	rBV5	3534	4731	0.26%	0.027%
49	21.499	3043	3048	3057	rVB10	9754	27026	1.50%	0.154%
50	22.052	3135	3142	3153	rBV	668888	1196469	66.39%	6.837%
51	22.205	3166	3168	3174	rVB6	5194	6825	0.38%	0.039%
52	22.868	3275	3281	3288	rVB5	10650	21389	1.19%	0.122%
53	23.244	3341	3345	3348	rBV5	2299	3990	0.22%	0.023%
54	23.621	3402	3409	3416	rVB2	27483	50183	2.78%	0.287%
55	23.838	3440	3446	3453	rVB8	8119	18551	1.03%	0.106%
56	24.496	3549	3558	3570	rVB	49505	112403	6.24%	0.642%
57	25.230	3680	3683	3686	rBV5	2706	3811	0.21%	0.022%
58	25.330	3686	3700	3722	rVV2	563317	1802140	100.00%	10.298%
59	25.571	3725	3741	3765	rVB	369788	1343481	74.55%	7.677%
60	26.764	3934	3944	3957	rVB3	77497	245134	13.60%	1.401%
61	27.093	3996	4000	4002	rBV4	3809	4781	0.27%	0.027%
62	28.250	4186	4197	4212	rVB3	81455	291848	16.19%	1.668%
63	29.895	4475	4477	4480	rBV4	3007	3526	0.20%	0.020%
64	30.048	4487	4503	4520	rVB4	60777	267926	14.87%	1.531%
65	32.099	4848	4852	4854	rBV3	2727	5061	0.28%	0.029%
66	32.216	4857	4872	4888	rBV5	45519	238335	13.23%	1.362%

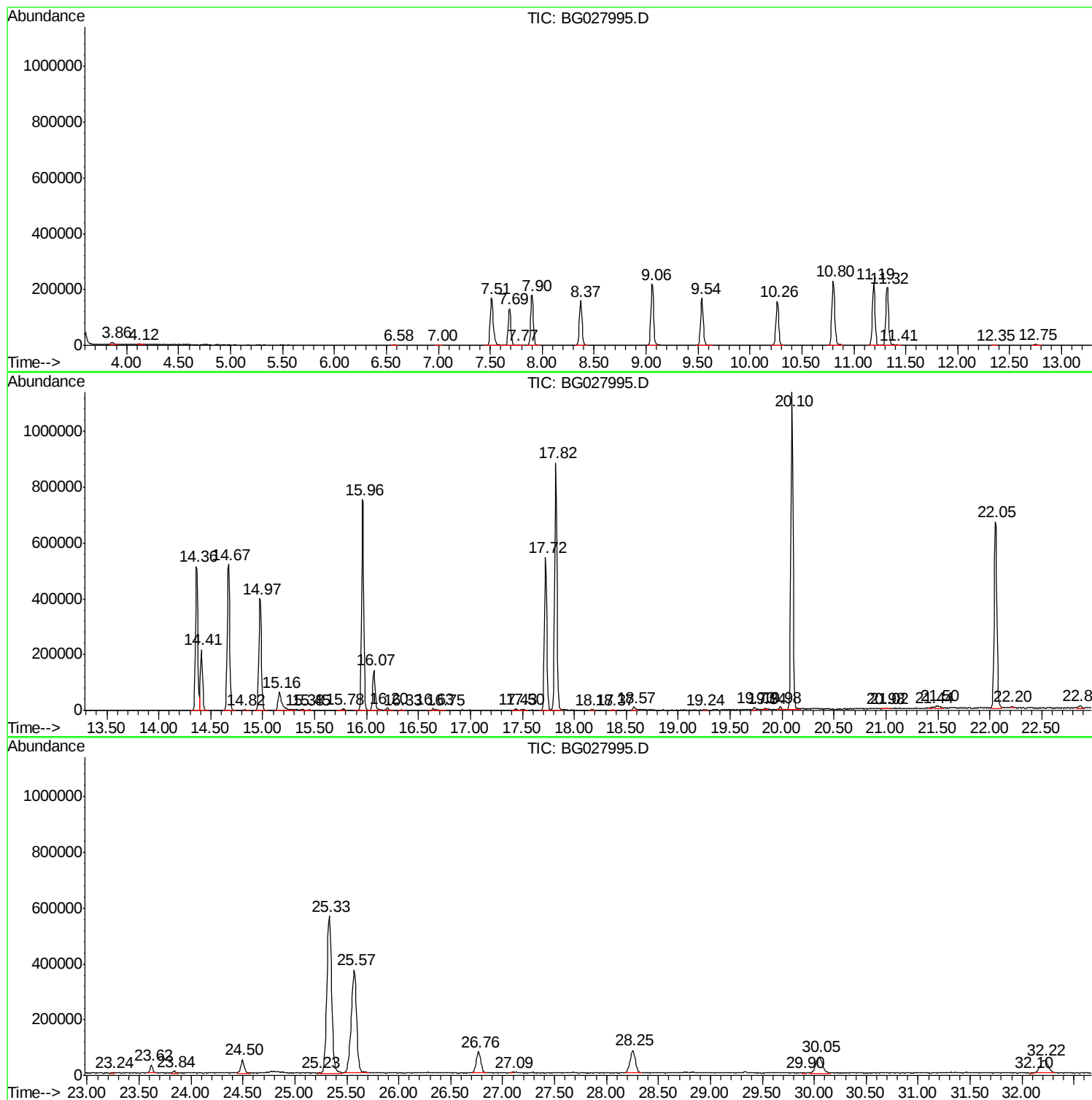
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Quant Title : SVOA CALIBRATION

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



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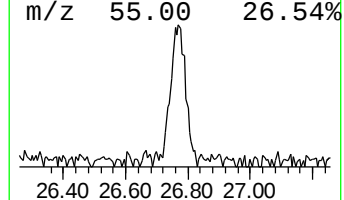
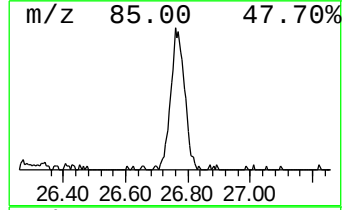
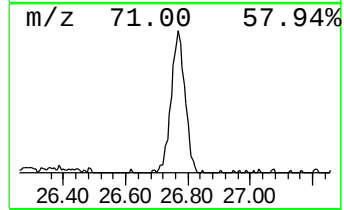
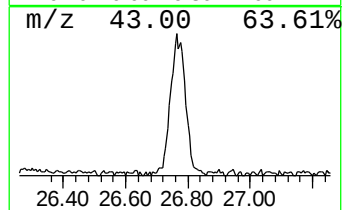
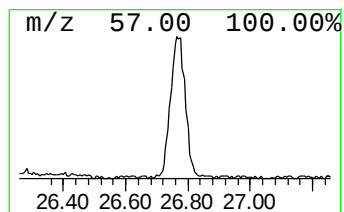
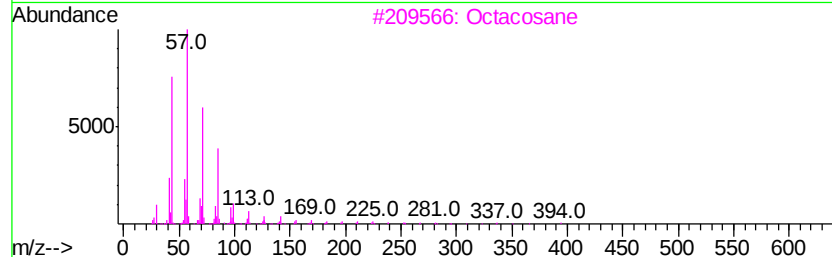
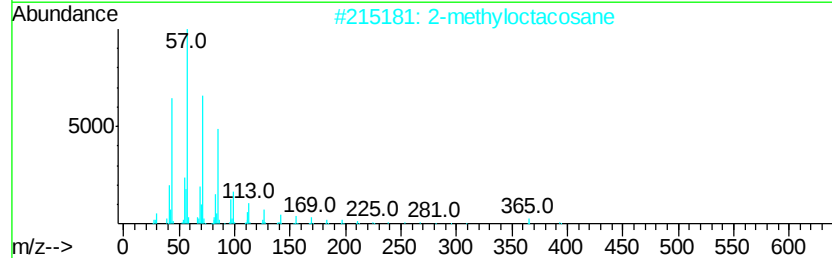
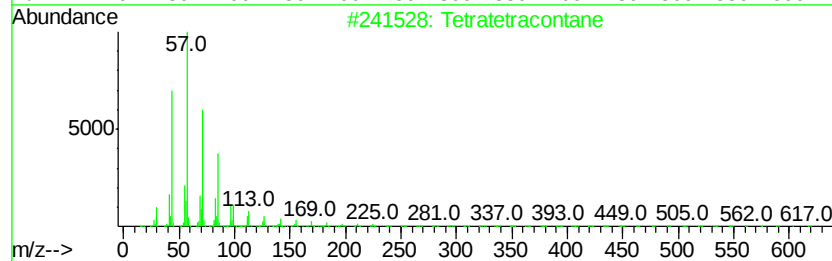
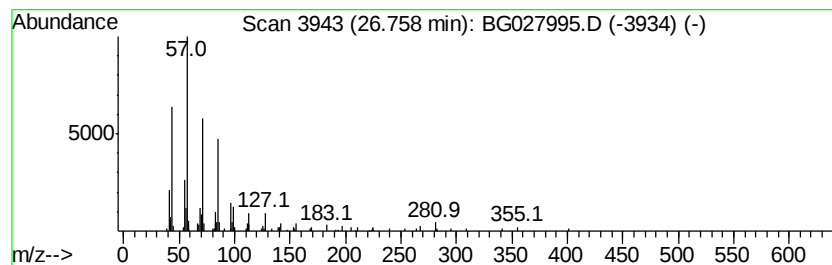
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
26.76	3.65 ng/ul	245134	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			2-methyloctacosane	408	C29H60	1000376-72-8	87
3			Octacosane	394	C28H58	000630-02-4	87
4			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	86
5			Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



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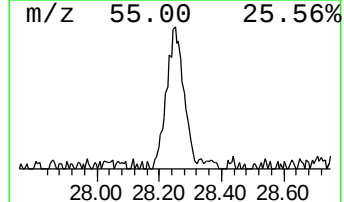
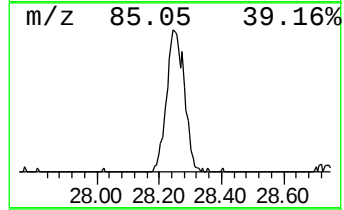
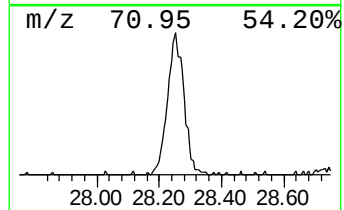
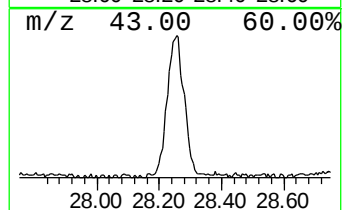
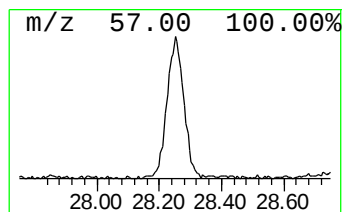
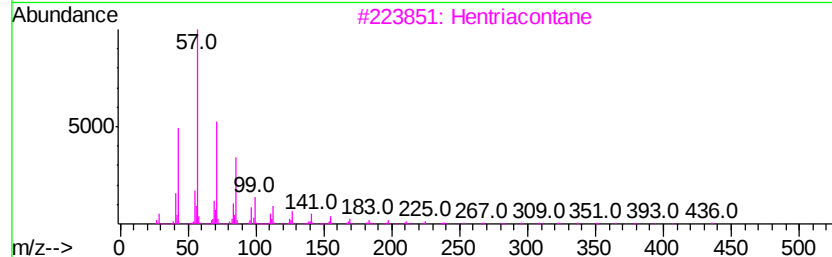
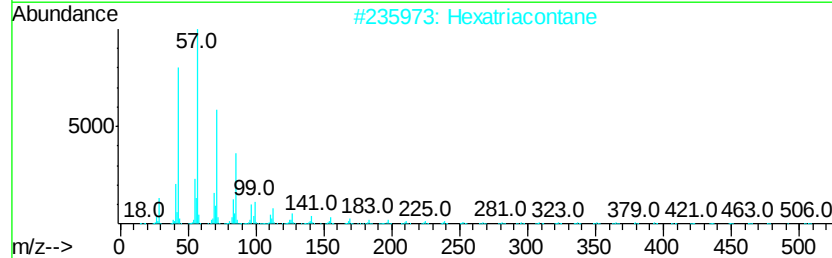
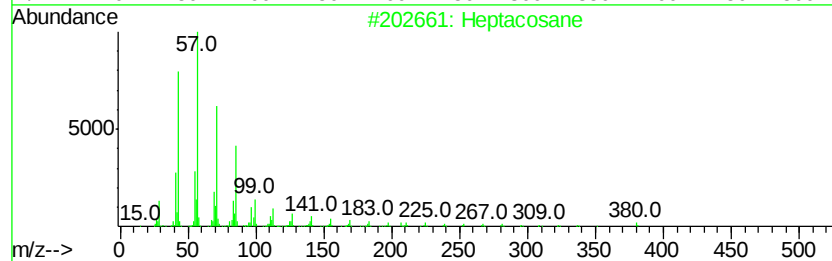
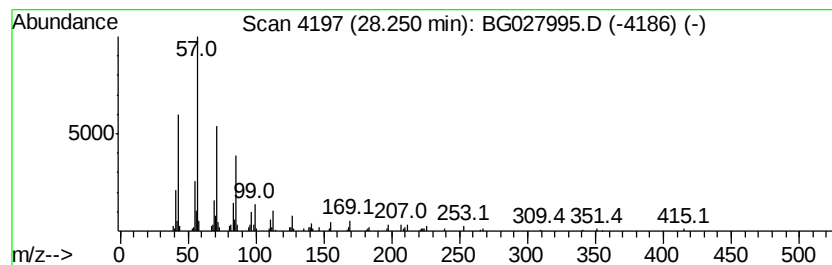
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.25	4.34 ng/ul	291848	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Hexatriacontane	507	C36H74	000630-06-8	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90



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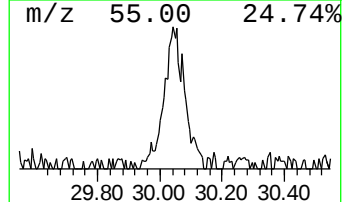
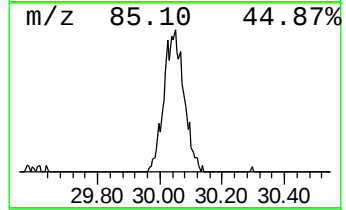
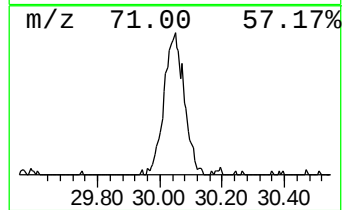
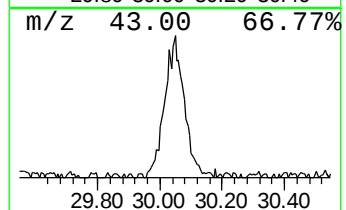
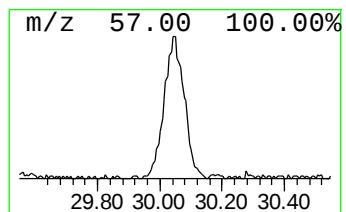
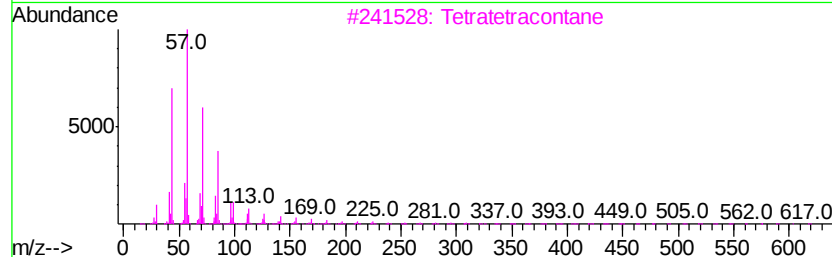
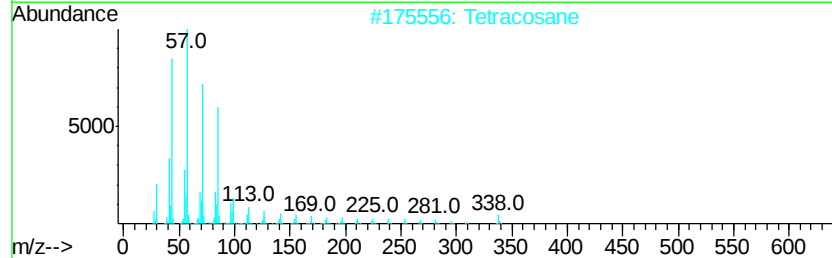
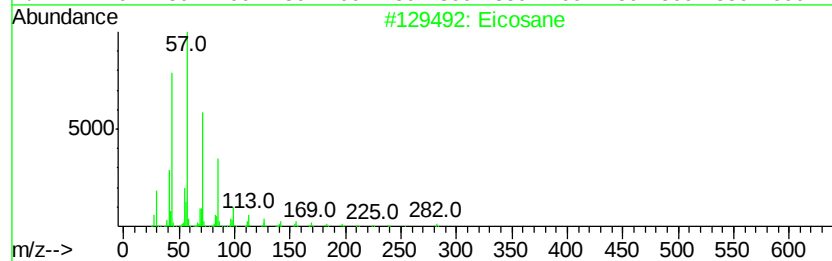
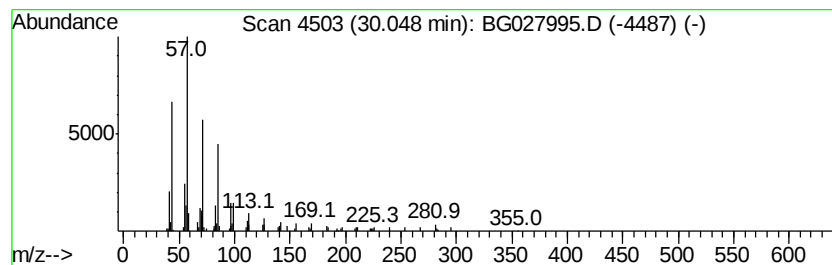
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.05	3.99 ng/ul	267926	Perylene-d12	25.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Tetratetracontane	619	C44H90	007098-22-8	90
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



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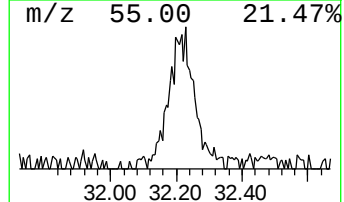
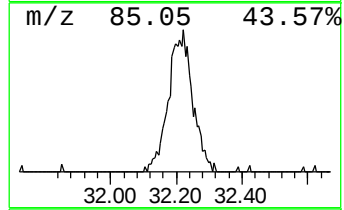
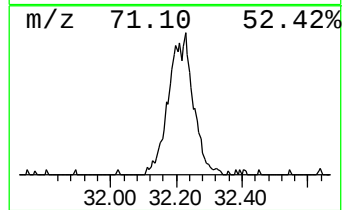
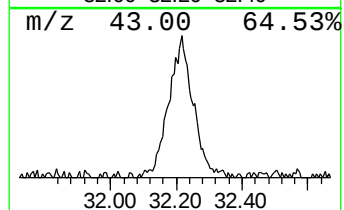
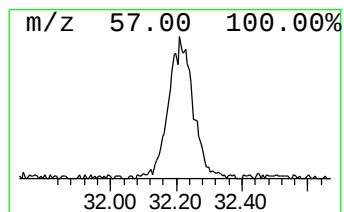
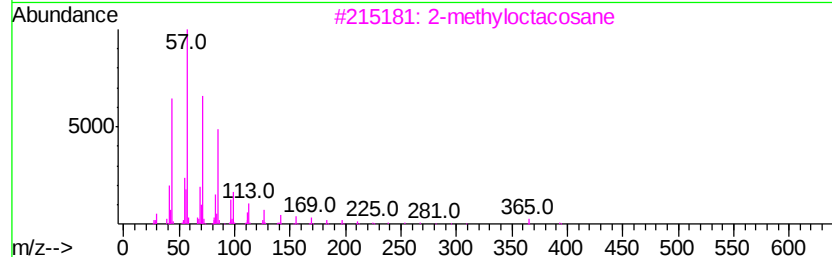
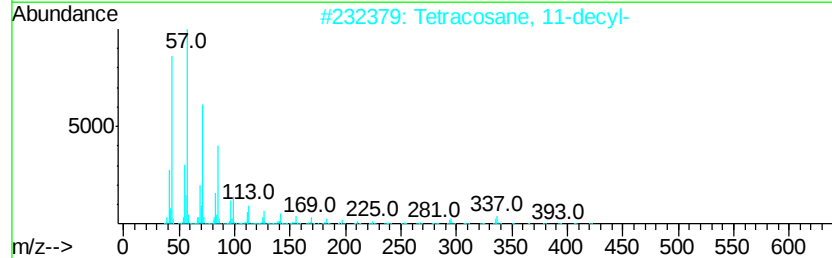
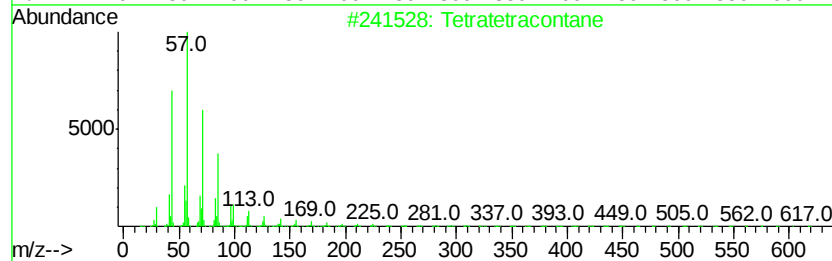
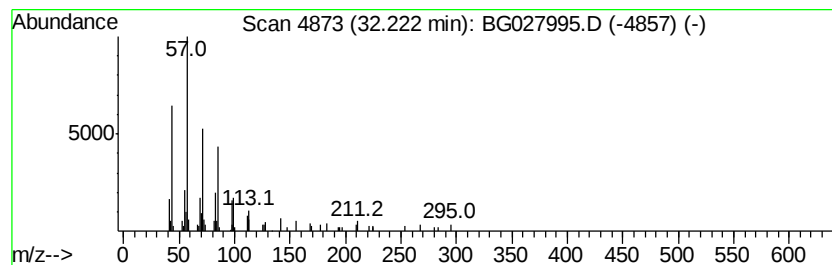
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.22	3.55 ng/ul	238335	Perylene-d12	25.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	90
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
3			2-methyloctacosane	408	C29H60	1000376-72-8	87
4			Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5			Hexatriacontane	507	C36H74	000630-06-8	87



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	26.76	3.6	ng/ul	245134	6	25.57	1343480	20.0
(DEL) Alkane: Str...	28.25	4.3	ng/ul	291848	6	25.57	1343480	20.0
(DEL) Alkane: Str...	30.05	4.0	ng/ul	267926	6	25.57	1343480	20.0
(DEL) Alkane: Str...	32.22	3.5	ng/ul	238335	6	25.57	1343480	20.0