

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080717\
 Data File : BG028170.D
 Acq On : 8 Aug 2017 00:21
 Operator : SJ/JU
 Sample : I4578-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02W8

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-BG080217.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	3.838	37	42	45	rBV2	9333	15309	0.80%	0.089%
2	3.874	45	48	58	rVB2	31560	52935	2.75%	0.308%
3	4.273	112	116	119	rVB3	3008	3172	0.16%	0.018%
4	4.326	119	125	126	rVB4	1743	3053	0.16%	0.018%
5	4.579	167	168	175	rVB4	2659	3229	0.17%	0.019%
6	4.884	217	220	225	rVB3	1747	2832	0.15%	0.016%
7	5.225	274	278	283	rBV5	1770	3780	0.20%	0.022%
8	5.660	349	352	359	rVB4	1654	2871	0.15%	0.017%
9	6.059	413	420	426	rVB4	1228	2611	0.14%	0.015%
10	6.582	505	509	511	rVB3	2484	3717	0.19%	0.022%
11	6.882	556	560	565	rVB3	1659	2643	0.14%	0.015%
12	7.140	600	604	607	rBV2	1514	2651	0.14%	0.015%
13	7.234	617	620	625	rVB2	1691	2809	0.15%	0.016%
14	7.505	659	666	675	rVB2	49859	93638	4.87%	0.545%
15	7.669	686	694	707	rBV	155006	267183	13.89%	1.556%
16	7.887	724	731	747	rBV	157390	302659	15.74%	1.763%
17	8.357	800	811	821	rBV	167165	296491	15.42%	1.727%
18	8.515	830	838	847	rBV4	1242	3690	0.19%	0.021%
19	9.050	920	929	945	rVB2	131679	255791	13.30%	1.490%
20	9.520	1000	1009	1026	rVB	206897	403271	20.97%	2.349%
21	10.249	1123	1133	1144	rBV2	180340	344183	17.90%	2.005%
22	10.384	1154	1156	1162	rVB	2365	2940	0.15%	0.017%
23	10.789	1217	1225	1239	rBV2	221616	451093	23.45%	2.628%
24	11.095	1274	1277	1282	rBV3	2152	3660	0.19%	0.021%
25	11.177	1282	1291	1302	rVB	248418	453551	23.58%	2.642%
26	11.330	1307	1317	1325	rBV3	3014	8834	0.46%	0.051%
27	11.888	1406	1412	1415	rBV2	1797	3162	0.16%	0.018%
28	12.334	1485	1488	1492	rBV4	2477	2992	0.16%	0.017%
29	12.740	1553	1557	1564	rVB4	3403	6197	0.32%	0.036%
30	14.350	1825	1831	1844	rBV	582233	901786	46.89%	5.253%
31	14.661	1873	1884	1896	rVB	552549	894930	46.53%	5.213%
32	14.967	1928	1936	1944	rBV3	408996	699182	36.35%	4.073%
33	15.160	1960	1969	1986	rBV2	33435	87569	4.55%	0.510%
34	15.372	2001	2005	2008	rBV2	2081	2705	0.14%	0.016%

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35	15.719	2060	2064	2067	rBV2	1868	3598	0.19%	0.021%
36	15.954	2096	2104	2112	rBV	794947	1267744	65.92%	7.384%
37	16.065	2115	2123	2138	rBV	318696	514005	26.73%	2.994%
38	16.194	2140	2145	2152	rVB5	10662	19758	1.03%	0.115%
39	16.747	2234	2239	2244	rBV4	2062	3015	0.16%	0.018%
40	16.900	2262	2265	2271	rBV3	2853	3190	0.17%	0.019%
41	17.505	2362	2368	2372	rVB3	3424	5070	0.26%	0.030%
42	17.710	2394	2403	2412	rBV2	618821	1004483	52.23%	5.851%
43	17.810	2412	2420	2430	rVV2	999011	1573143	81.79%	9.163%
44	17.887	2430	2433	2438	rVB5	6302	8889	0.46%	0.052%
45	18.098	2465	2469	2472	rBV2	1638	2641	0.14%	0.015%
46	18.633	2555	2560	2566	rVB6	2246	2849	0.15%	0.017%
47	18.868	2595	2600	2604	rVB4	2297	3881	0.20%	0.023%
48	19.050	2626	2631	2633	rBV3	1987	2683	0.14%	0.016%
49	19.091	2635	2638	2643	rVB4	2388	2966	0.15%	0.017%
50	19.414	2687	2693	2694	rBV3	1760	3296	0.17%	0.019%
51	19.720	2741	2745	2750	rBV2	11037	15482	0.80%	0.090%
52	19.831	2760	2764	2767	rBV5	2959	4245	0.22%	0.025%
53	19.972	2783	2788	2796	rVB	9920	15894	0.83%	0.093%
54	20.084	2798	2807	2820	rBV	1309685	1923288	100.00%	11.203%
55	20.284	2839	2841	2844	rVB3	4015	4105	0.21%	0.024%
56	20.325	2844	2848	2850	rBV5	2446	3717	0.19%	0.022%
57	20.566	2887	2889	2895	rBV6	1903	3622	0.19%	0.021%
58	21.012	2962	2965	2969	rVB6	5363	6231	0.32%	0.036%
59	21.071	2972	2975	2978	rBV5	2106	3020	0.16%	0.018%
60	21.406	3027	3032	3039	rVB8	6555	13122	0.68%	0.076%
61	22.041	3133	3140	3151	rBV	634473	1171403	60.91%	6.823%
62	22.199	3163	3167	3173	rVB6	6037	9333	0.49%	0.054%
63	22.851	3274	3278	3284	rVB4	12546	20350	1.06%	0.119%
64	23.603	3400	3406	3413	rBV3	30680	57528	2.99%	0.335%
65	24.132	3492	3496	3497	rBV4	4763	5724	0.30%	0.033%
66	24.473	3547	3554	3564	rVB2	47640	102029	5.30%	0.594%
67	24.608	3574	3577	3579	rBV4	3623	3853	0.20%	0.022%
68	25.008	3643	3645	3648	rBV4	3495	3423	0.18%	0.020%
69	25.313	3684	3697	3709	rVB2	564520	1710407	88.93%	9.963%
70	25.554	3722	3738	3754	rVB3	356624	1259742	65.50%	7.338%
71	26.741	3929	3940	3954	rVB2	67448	204963	10.66%	1.194%

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72	26.864	3959	3961	3965	rVB4	3773	3870	0.20%	0.023%
73	26.947	3973	3975	3977	rBV3	3556	4451	0.23%	0.026%
74	28.210	4180	4190	4205	rBV4	57791	219859	11.43%	1.281%
75	29.996	4483	4494	4514	rVB5	45092	199952	10.40%	1.165%
76	32.170	4848	4864	4877	rBV7	39209	182740	9.50%	1.064%
77	32.552	4926	4929	4934	rBV7	4255	7227	0.38%	0.042%

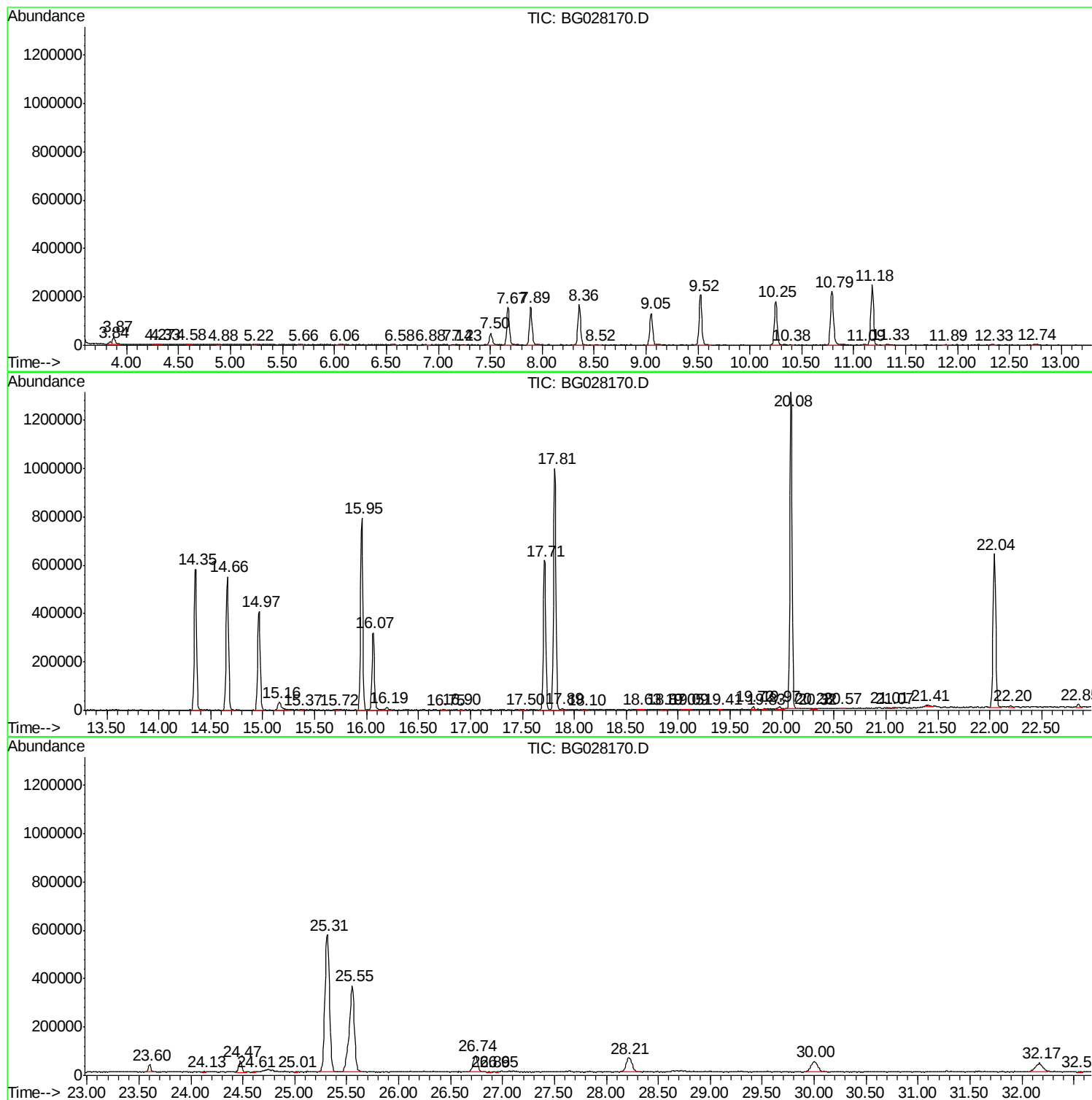
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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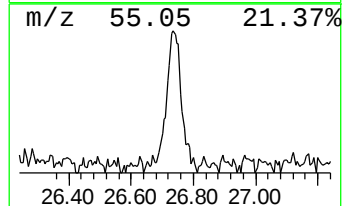
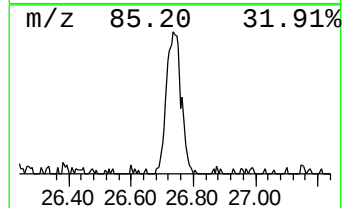
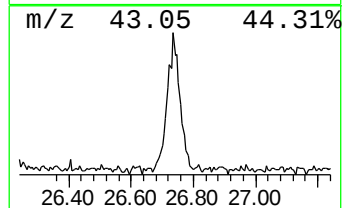
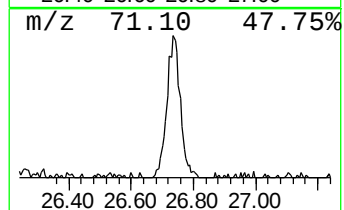
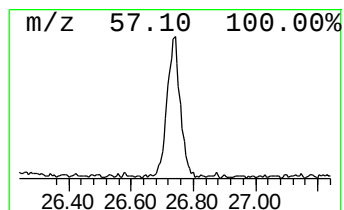
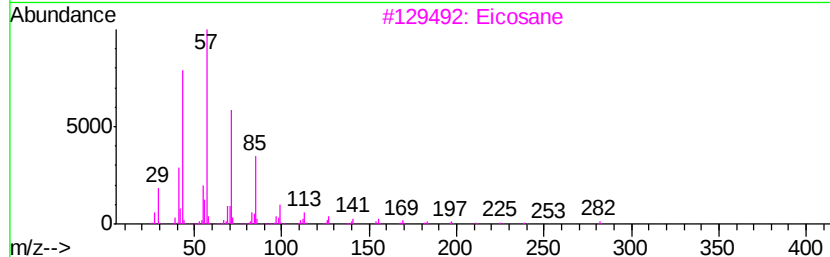
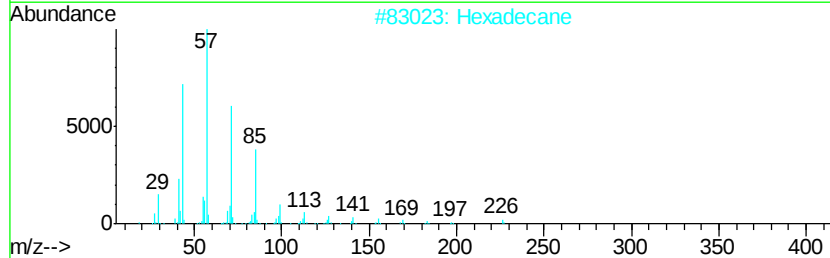
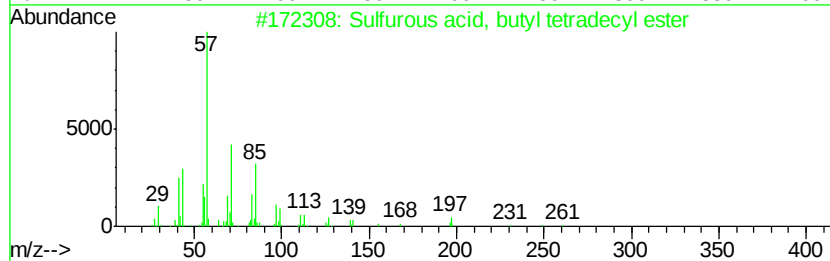
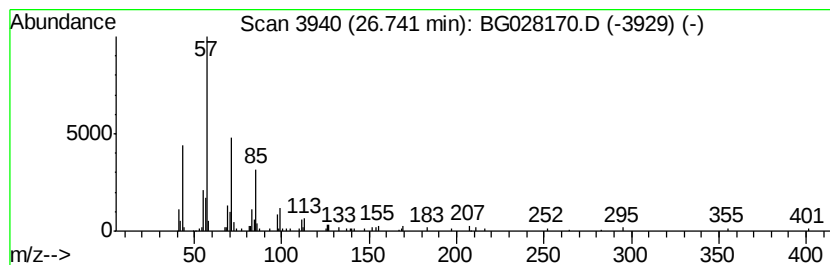
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Sulfurous acid, butyl tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.74	3.25 ng/ul	204963	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	80
2		Hexadecane	226	C16H34	000544-76-3	80
3		Eicosane	282	C20H42	000112-95-8	80
4		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	74
5		Tetratetracontane	619	C44H90	007098-22-8	74



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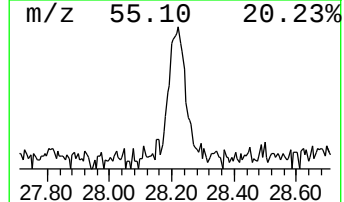
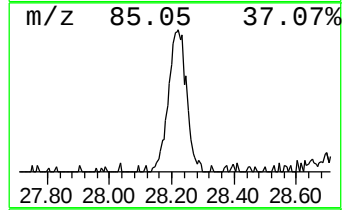
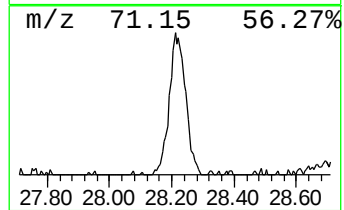
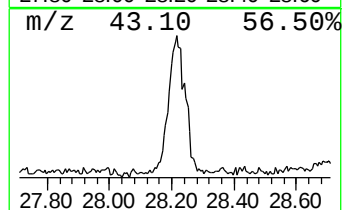
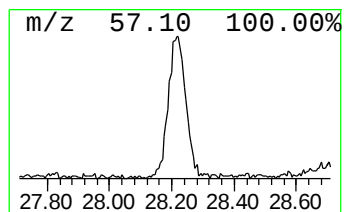
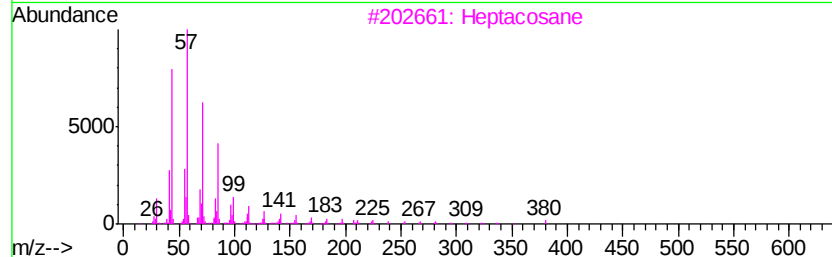
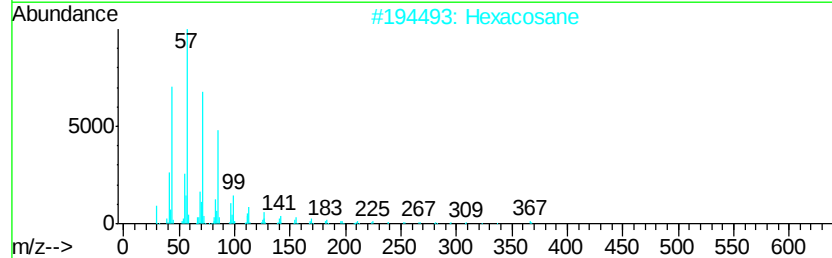
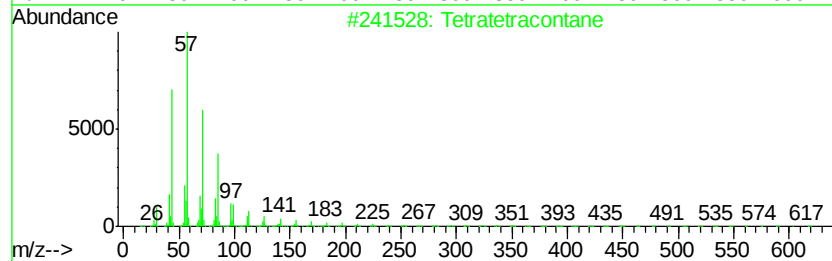
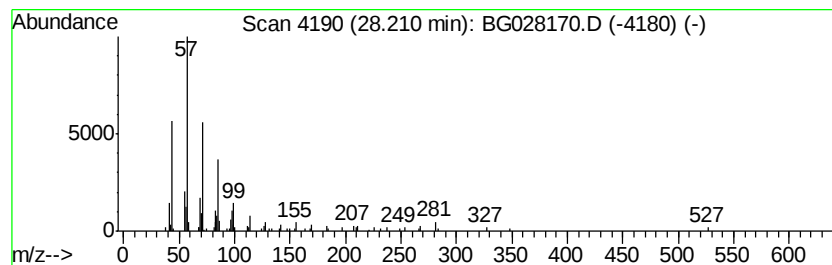
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.21	3.49 ng/ul	219859	Perylene-d12	25.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	87
2			Hexacosane	366	C26H54	000630-01-3	83
3			Heptacosane	380	C27H56	000593-49-7	83
4			Octacosane	394	C28H58	000630-02-4	83
5			Hentriacontane	437	C31H64	000630-04-6	83



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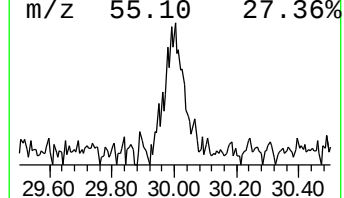
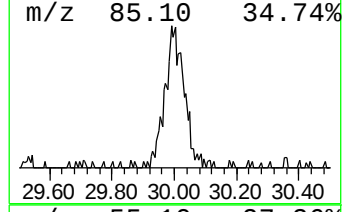
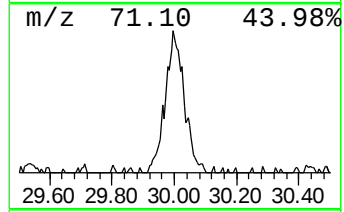
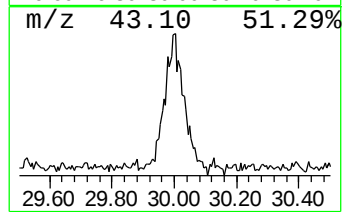
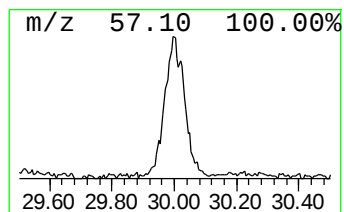
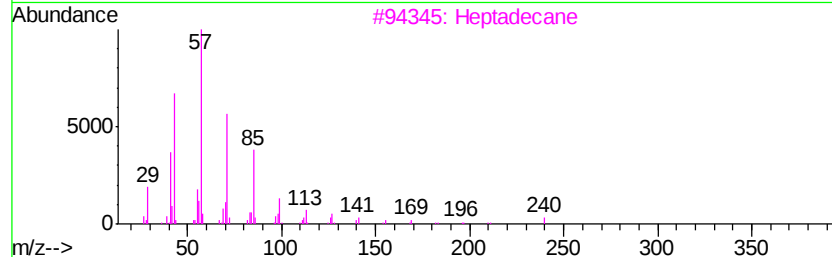
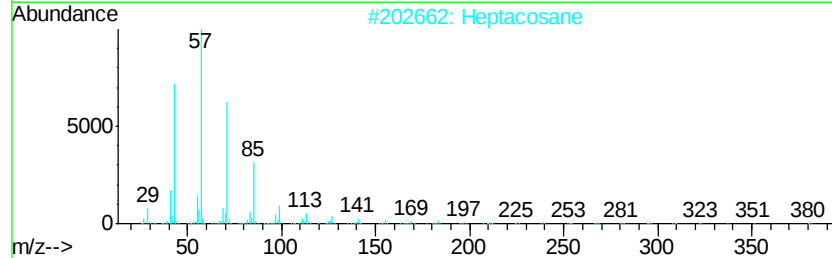
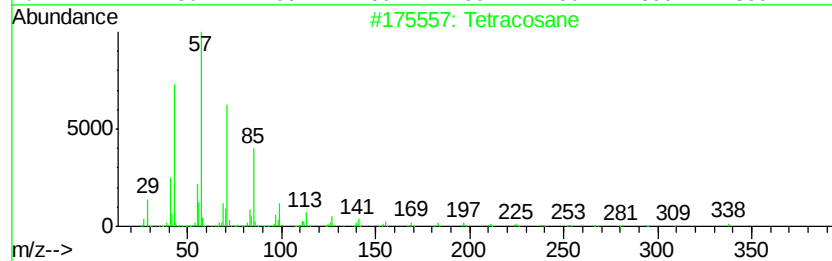
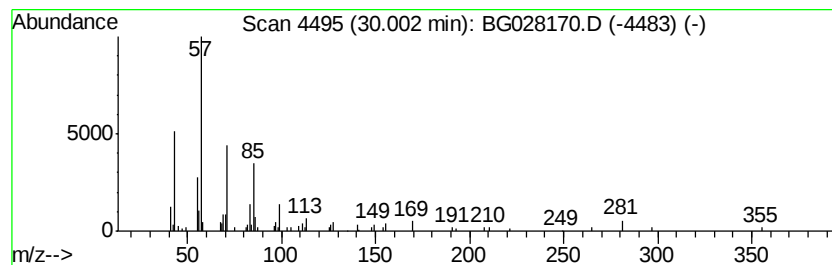
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.00	3.17 ng/ul	199952	Perylene-d12	25.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	74
2		Heptacosane	380	C27H56	000593-49-7	72
3		Heptadecane	240	C17H36	000629-78-7	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Tetracosane	338	C24H50	000646-31-1	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfurous acid, b...	26.74	3.3	ng/ul	204963	6	25.55	1259740	20.0
(DEL) Alkane: Str...	28.21	3.5	ng/ul	219859	6	25.55	1259740	20.0
(DEL) Alkane: Str...	30.00	3.2	ng/ul	199952	6	25.55	1259740	20.0