

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
 Data File : BG026929.D
 Acq On : 10 May 2017 2:14
 Operator : SJ/MA
 Sample : I2966-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESXM4

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-BG042717.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	6.865	640	643	645	rVB2	4182	4351	0.11%	0.010%
2	7.094	680	682	685	rBV3	5645	4692	0.12%	0.011%
3	7.130	687	688	691	rBV2	4254	5078	0.13%	0.011%
4	7.183	692	697	714	rVV	150112	320457	8.36%	0.721%
5	7.324	714	721	735	rVV	570595	959825	25.04%	2.161%
6	7.429	735	739	742	rVB4	5924	9859	0.26%	0.022%
7	7.541	751	758	769	rBV	588681	1056090	27.55%	2.377%
8	7.870	812	814	818	rVB3	5642	6679	0.17%	0.015%
9	7.917	818	822	824	rBV4	4620	6359	0.17%	0.014%
10	8.005	828	837	847	rBV	654161	1100328	28.71%	2.477%
11	8.340	892	894	899	rVB5	3931	7012	0.18%	0.016%
12	8.375	899	900	904	rBV2	4628	5325	0.14%	0.012%
13	8.716	951	958	981	rBV	458632	922431	24.07%	2.076%
14	8.904	989	990	998	rVB6	2722	4746	0.12%	0.011%
15	9.033	1008	1012	1015	rBV5	3086	4607	0.12%	0.010%
16	9.163	1026	1034	1053	rBV	689097	1271216	33.17%	2.862%
17	9.315	1057	1060	1070	rVB6	4623	9896	0.26%	0.022%
18	9.580	1095	1105	1116	rBV5	6795	17458	0.46%	0.039%
19	9.674	1116	1121	1131	rVB5	2381	6904	0.18%	0.016%
20	9.885	1145	1157	1170	rBV	578598	1040115	27.14%	2.341%
21	10.226	1209	1215	1219	rVB7	3499	6126	0.16%	0.014%
22	10.432	1238	1250	1275	rBV	776739	1612117	42.06%	3.629%
23	10.802	1300	1313	1326	rBV	1067290	1891327	49.35%	4.257%
24	10.955	1330	1339	1350	rVB	27774	68981	1.80%	0.155%
25	12.159	1538	1544	1548	rVB4	2086	3955	0.10%	0.009%
26	12.206	1548	1552	1555	rBV3	3130	4091	0.11%	0.009%
27	12.271	1562	1563	1569	rBV5	3182	4539	0.12%	0.010%
28	12.347	1569	1576	1577	rVV3	3273	4460	0.12%	0.010%
29	12.388	1577	1583	1592	rVV2	15366	30689	0.80%	0.069%
30	12.453	1592	1594	1601	rVB5	2402	4529	0.12%	0.010%
31	12.512	1601	1604	1608	rBV3	3356	4171	0.11%	0.009%
32	12.594	1614	1618	1624	rBV5	3106	5712	0.15%	0.013%
33	12.847	1656	1661	1666	rBV6	3654	7698	0.20%	0.017%
34	13.076	1695	1700	1702	rBV4	2459	4399	0.11%	0.010%

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35	13.146	1708	1712	1714	rBV5	3893	4074	0.11%	0.009%
36	13.223	1717	1725	1732	rBV6	3663	7448	0.19%	0.017%
37	13.393	1748	1754	1757	rBV8	3067	3981	0.10%	0.009%
38	13.440	1758	1762	1765	rVV4	5621	6862	0.18%	0.015%
39	13.516	1770	1775	1779	rVB6	4652	8521	0.22%	0.019%
40	13.593	1781	1788	1792	rBV8	6149	10141	0.26%	0.023%
41	13.740	1809	1813	1817	rVB5	2515	4303	0.11%	0.010%
42	14.016	1852	1860	1866	rBV	1568078	2308746	60.24%	5.197%
43	14.063	1866	1868	1877	rVV2	40701	60068	1.57%	0.135%
44	14.127	1877	1879	1885	rVB7	4913	8183	0.21%	0.018%
45	14.221	1888	1895	1898	rVB9	3487	6040	0.16%	0.014%
46	14.309	1898	1910	1925	rBV	1965276	3142438	81.99%	7.074%
47	14.503	1937	1943	1948	rVB3	16298	22612	0.59%	0.051%
48	14.615	1952	1962	1973	rBV2	1479892	2400139	62.62%	5.403%
49	14.703	1974	1977	1981	rVB6	3813	4717	0.12%	0.011%
50	14.774	1987	1989	1991	rBV2	4150	3926	0.10%	0.009%
51	14.856	1995	2003	2016	rBV2	58795	183123	4.78%	0.412%
52	15.191	2054	2060	2064	rVB9	5250	7739	0.20%	0.017%
53	15.396	2091	2095	2098	rBV5	6350	9939	0.26%	0.022%
54	15.449	2098	2104	2108	rVB	26695	39833	1.04%	0.090%
55	15.537	2118	2119	2123	rBV4	4374	4619	0.12%	0.010%
56	15.602	2123	2130	2140	rBV	2358401	3583656	93.50%	8.067%
57	15.725	2144	2151	2164	rBV	485946	779084	20.33%	1.754%
58	15.843	2164	2171	2177	rVB5	36081	68905	1.80%	0.155%
59	16.008	2196	2199	2203	rVB6	6292	8632	0.23%	0.019%
60	16.066	2203	2209	2212	rVB8	7865	12438	0.32%	0.028%
61	16.107	2212	2216	2217	rBV4	5725	6328	0.17%	0.014%
62	16.172	2222	2227	2228	rBV5	5474	7510	0.20%	0.017%
63	16.307	2245	2250	2259	rBV	35857	70405	1.84%	0.158%
64	16.454	2271	2275	2277	rBV5	5632	8701	0.23%	0.020%
65	16.554	2288	2292	2295	rVB6	6770	9307	0.24%	0.021%
66	16.654	2304	2309	2311	rBV6	5391	8274	0.22%	0.019%
67	16.742	2321	2324	2325	rBV3	6516	7056	0.18%	0.016%
68	16.818	2331	2337	2341	rBV8	4075	7875	0.21%	0.018%
69	16.877	2343	2347	2351	rBV6	6354	12030	0.31%	0.027%
70	17.094	2379	2384	2388	rBV3	13996	20177	0.53%	0.045%
71	17.147	2388	2393	2399	rVB6	14558	25571	0.67%	0.058%

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72	17.212	2402	2404	2405	rBV2	4939	4021	0.10%	0.009%
73	17.353	2416	2428	2437	rBV2	1587373	2458481	64.14%	5.534%
74	17.453	2437	2445	2461	rVB2	2265772	3531790	92.14%	7.950%
75	17.641	2473	2477	2479	rBV4	5461	4096	0.11%	0.009%
76	17.735	2491	2493	2495	rBV3	5150	6367	0.17%	0.014%
77	17.823	2505	2508	2515	rVB9	13691	24810	0.65%	0.056%
78	17.905	2518	2522	2525	rBV6	6036	8794	0.23%	0.020%
79	18.052	2544	2547	2552	rBV7	8164	9989	0.26%	0.022%
80	18.117	2555	2558	2562	rBV6	7445	13977	0.36%	0.031%
81	18.158	2563	2565	2568	rVV4	7197	5937	0.15%	0.013%
82	18.234	2573	2578	2588	rBV2	117603	241105	6.29%	0.543%
83	18.516	2623	2626	2632	rBV8	8826	15784	0.41%	0.036%
84	19.151	2731	2734	2736	rVB4	11653	12677	0.33%	0.029%
85	19.368	2766	2771	2780	rBV3	31551	85827	2.24%	0.193%
86	19.498	2788	2793	2807	rBV2	77381	175751	4.59%	0.396%
87	19.615	2809	2813	2824	rVB2	24109	53434	1.39%	0.120%
88	19.733	2825	2833	2844	rBV	2454889	3645015	95.10%	8.205%
89	21.472	3126	3129	3136	rVB3	39130	53610	1.40%	0.121%
90	21.595	3143	3150	3165	rVB	1576333	2560583	66.81%	5.764%
91	22.359	3277	3280	3287	rBV2	44240	71480	1.86%	0.161%
92	23.035	3390	3395	3404	rVB3	43346	92316	2.41%	0.208%
93	23.816	3521	3528	3538	rVB	140051	299789	7.82%	0.675%
94	24.539	3640	3651	3670	rBV2	1294932	3832864	100.00%	8.628%
95	24.756	3677	3688	3709	rVB	957498	2938187	76.66%	6.614%
96	25.837	3863	3872	3881	rVB3	116572	341614	8.91%	0.769%
97	27.142	4088	4094	4107	rVB4	77781	234630	6.12%	0.528%
98	28.722	4355	4363	4378	rVB3	64571	238458	6.22%	0.537%
99	30.643	4683	4690	4702	rVB8	44137	163351	4.26%	0.368%

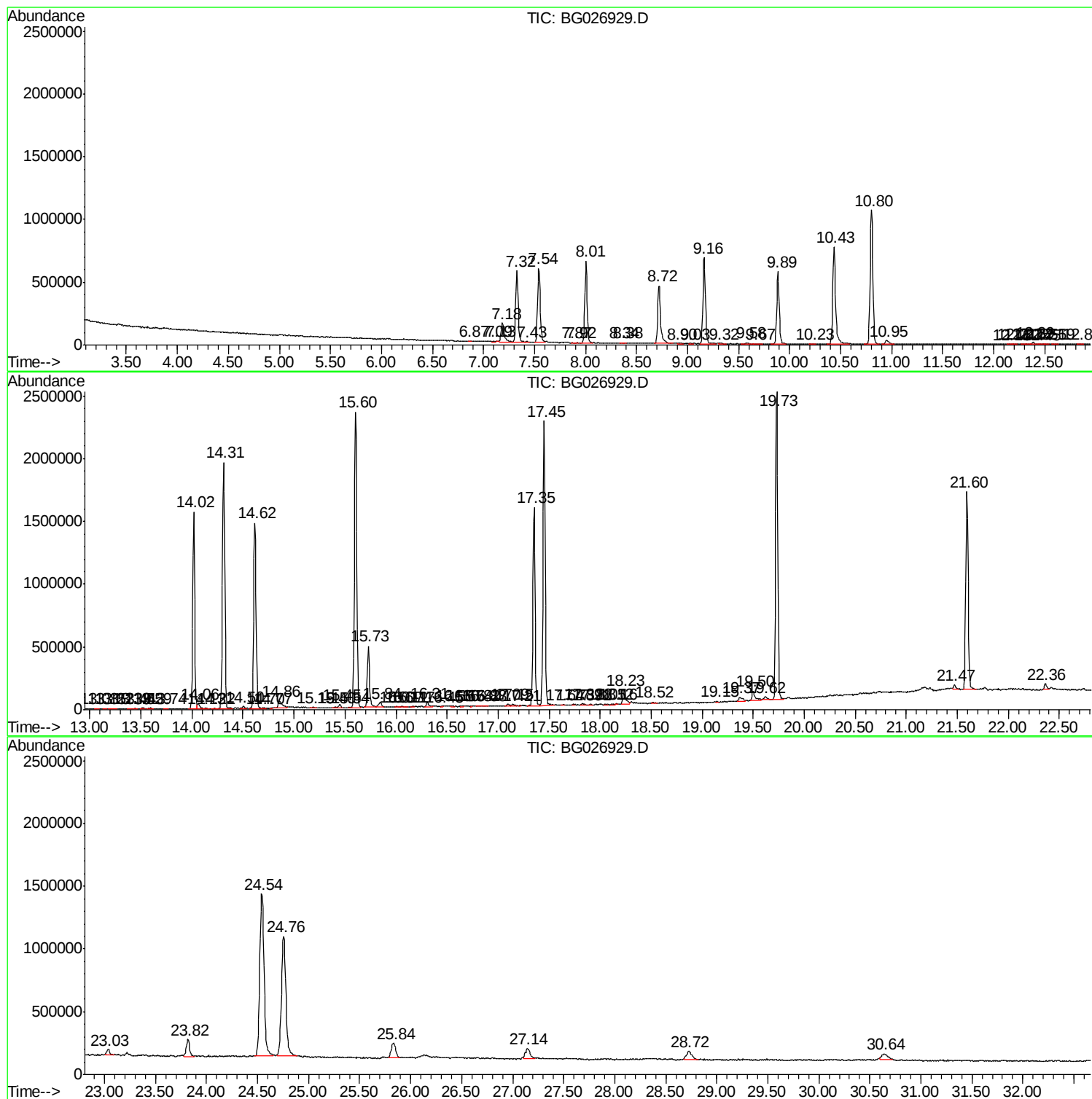
Sum of corrected areas: 44424360

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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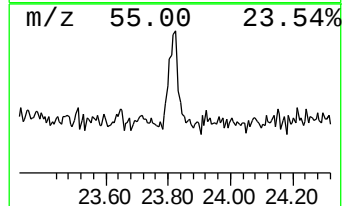
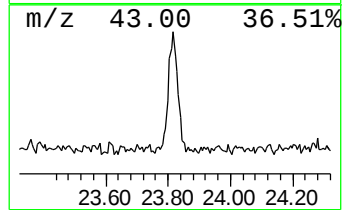
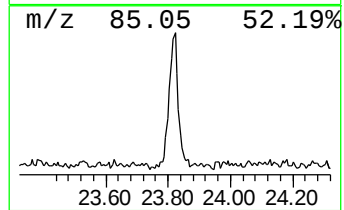
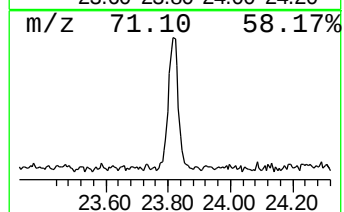
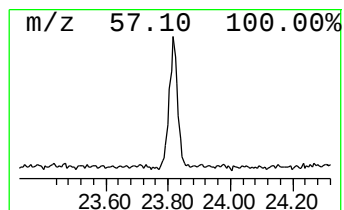
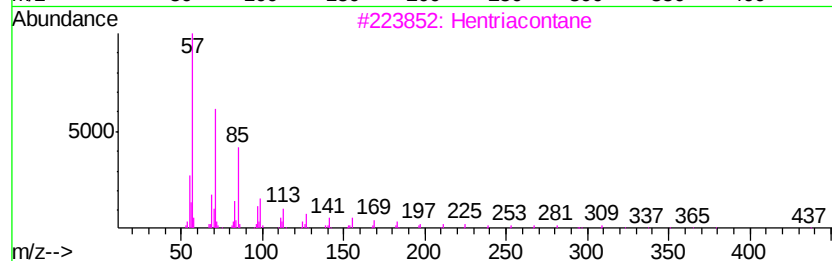
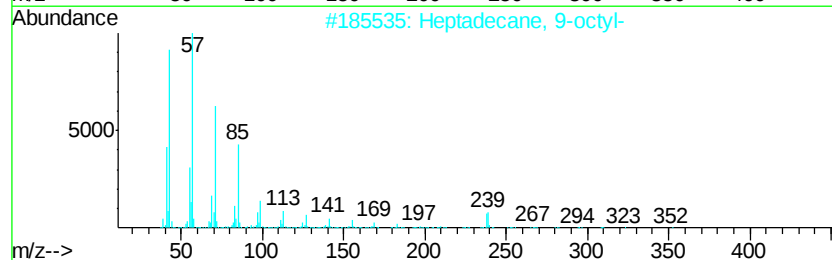
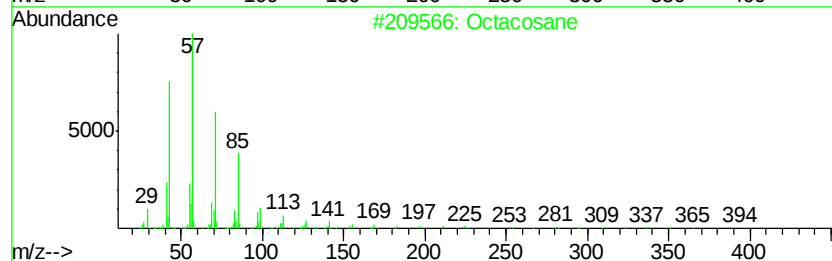
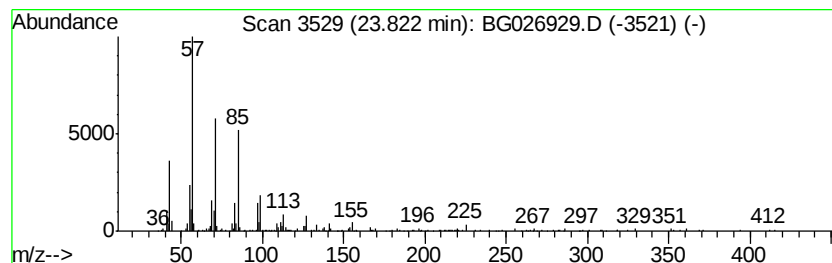
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	2.04 ng/ul	299789	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3			Hentriacontane	437	C31H64	000630-04-6	90
4			Tetracosane	338	C24H50	000646-31-1	87
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87



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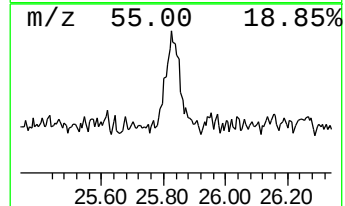
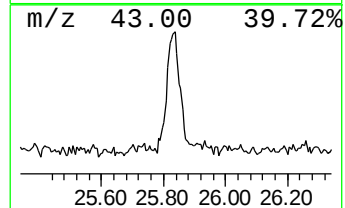
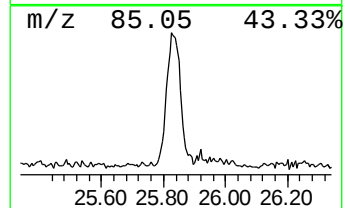
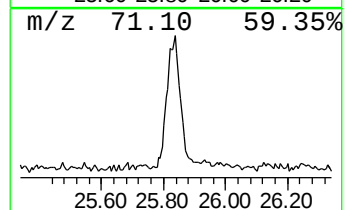
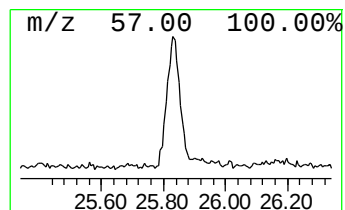
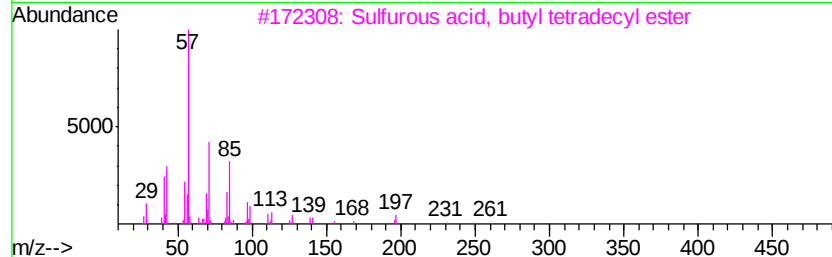
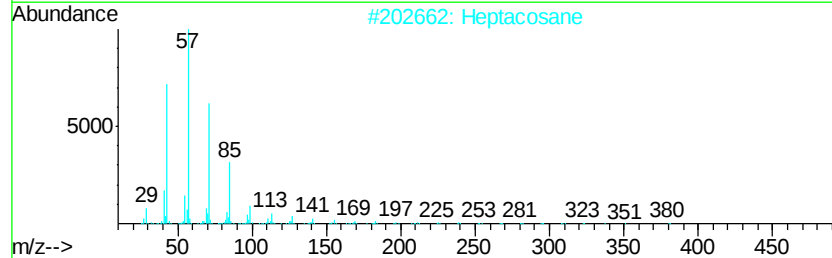
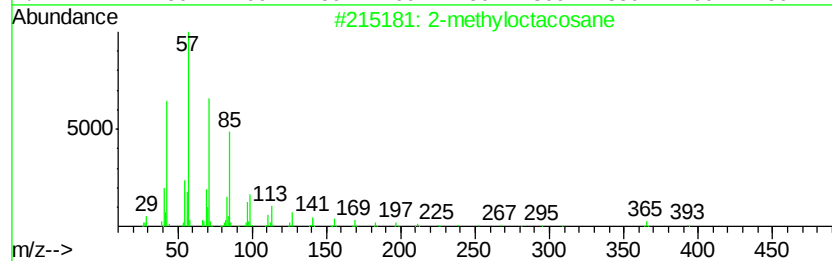
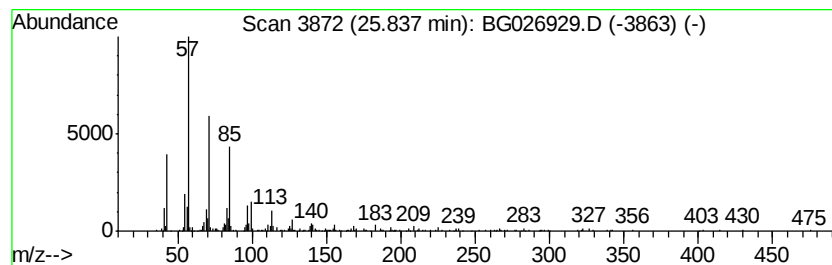
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.33 ng/ul	341614	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	87
2		Heptacosane	380	C27H56	000593-49-7	87
3		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Docosane	310	C22H46	000629-97-0	86



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					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	23.82	2.0	ng/ul	299789	6	24.76	2938190	20.0
(DEL) Alkane: Str...	25.84	2.3	ng/ul	341614	6	24.76	2938190	20.0