

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032416\
 Data File : BG021488.D
 Acq On : 24 Mar 2016 17:04
 Operator : UM/SJ
 Sample : H1909-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4T44

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_G\METHODS\SOM02.2-EPA-BG031616.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	3.116	42	47	54	rBV	16523	30040	7.45%	0.760%
2	3.463	103	106	110	rVB2	1830	2103	0.52%	0.053%
3	3.698	144	146	148	rBV2	576	460	0.11%	0.012%
4	3.780	156	160	165	rVB5	605	993	0.25%	0.025%
5	4.045	202	205	208	rVB2	324	477	0.12%	0.012%
6	4.086	208	212	214	rVB2	523	657	0.16%	0.017%
7	4.344	253	256	257	rBV2	388	473	0.12%	0.012%
8	4.426	267	270	273	rVB3	379	484	0.12%	0.012%
9	4.661	308	310	313	rVV2	460	529	0.13%	0.013%
10	4.961	355	361	363	rBV3	398	635	0.16%	0.016%
11	5.102	383	385	388	rBB	662	663	0.16%	0.017%
12	5.137	388	391	393	rBV	404	502	0.12%	0.013%
13	5.231	402	407	408	rVV2	298	473	0.12%	0.012%
14	7.335	760	765	770	rBV	40466	74569	18.51%	1.887%
15	7.388	770	774	784	rVB	35348	62187	15.43%	1.574%
16	7.640	811	817	826	rBB	46407	76711	19.04%	1.941%
17	8.063	883	889	897	rBB	38107	63793	15.83%	1.614%
18	8.845	1016	1022	1031	rBV	59087	101758	25.25%	2.575%
19	9.233	1081	1088	1097	rBB	47196	83553	20.73%	2.114%
20	9.397	1112	1116	1121	rBV	1335	2050	0.51%	0.052%
21	9.955	1205	1211	1219	rBB2	43815	75196	18.66%	1.903%
22	10.566	1309	1315	1325	rBB	59527	104088	25.83%	2.634%
23	10.872	1360	1367	1374	rBB	58283	102100	25.34%	2.584%
24	11.013	1385	1391	1402	rBV	57682	101959	25.30%	2.580%
25	12.441	1632	1634	1638	rBB2	676	785	0.19%	0.020%
26	13.563	1821	1825	1829	rBB	1452	1791	0.44%	0.045%
27	14.080	1907	1913	1917	rBV	143235	198069	49.15%	5.012%
28	14.127	1917	1921	1927	rVB	59348	82698	20.52%	2.093%
29	14.374	1956	1963	1970	rBV	149114	219715	54.52%	5.560%
30	14.544	1989	1992	1996	rBB	3312	4016	1.00%	0.102%
31	14.679	2009	2015	2021	rBB2	95052	151513	37.60%	3.834%
32	15.085	2078	2084	2094	rVV2	28276	61454	15.25%	1.555%
33	15.155	2094	2096	2104	rVV3	2004	2902	0.72%	0.073%
34	15.449	2143	2146	2149	rBV	1720	2174	0.54%	0.055%

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35	15.496	2149	2154	2157	rVB2	5700	7134	1.77%	0.181%
36	15.666	2177	2183	2191	rBB	199719	289569	71.86%	7.328%
37	15.790	2199	2204	2209	rBV	52644	79022	19.61%	2.000%
38	15.895	2214	2222	2226	rBB2	2455	4186	1.04%	0.106%
39	16.048	2245	2248	2251	rBB	723	802	0.20%	0.020%
40	16.113	2256	2259	2262	rBB	793	584	0.14%	0.015%
41	16.354	2295	2300	2309	rBV	6605	11198	2.78%	0.283%
42	16.689	2354	2357	2360	rBB	1141	952	0.24%	0.024%
43	16.724	2360	2363	2365	rBV	363	423	0.10%	0.011%
44	16.806	2376	2377	2380	rBB	533	426	0.11%	0.011%
45	16.859	2383	2386	2388	rBB	853	635	0.16%	0.016%
46	16.924	2394	2397	2400	rBB	378	445	0.11%	0.011%
47	17.141	2429	2434	2438	rBB	4531	5678	1.41%	0.144%
48	17.194	2439	2443	2448	rBB3	1754	2469	0.61%	0.062%
49	17.417	2475	2481	2487	rBV	135725	196861	48.85%	4.982%
50	17.517	2492	2498	2506	rVB	216776	327937	81.38%	8.298%
51	17.681	2523	2526	2530	rBB2	894	942	0.23%	0.024%
52	17.770	2538	2541	2542	rBV2	571	458	0.11%	0.012%
53	17.805	2545	2547	2549	rVB2	502	422	0.10%	0.011%
54	17.881	2555	2560	2564	rBV2	3201	3779	0.94%	0.096%
55	18.146	2602	2605	2606	rBV	437	437	0.11%	0.011%
56	18.287	2624	2629	2631	rVV2	1543	1842	0.46%	0.047%
57	18.357	2639	2641	2644	rBV	883	927	0.23%	0.023%
58	18.569	2672	2677	2680	rVB3	1705	1858	0.46%	0.047%
59	18.663	2690	2693	2695	rVB2	374	442	0.11%	0.011%
60	18.821	2717	2720	2724	rBV	300	491	0.12%	0.012%
61	19.027	2752	2755	2756	rBV	518	468	0.12%	0.012%
62	19.139	2770	2774	2776	rVV3	614	871	0.22%	0.022%
63	19.191	2778	2783	2786	rBV3	1551	2652	0.66%	0.067%
64	19.250	2791	2793	2794	rBV2	582	507	0.13%	0.013%
65	19.285	2796	2799	2803	rVB	645	773	0.19%	0.020%
66	19.426	2819	2823	2826	rBV3	2016	3375	0.84%	0.085%
67	19.462	2826	2829	2834	rVB2	3362	3960	0.98%	0.100%
68	19.520	2836	2839	2840	rBV2	845	737	0.18%	0.019%
69	19.614	2853	2855	2859	rBV2	567	936	0.23%	0.024%
70	19.679	2863	2866	2870	rVV2	1567	2014	0.50%	0.051%
71	19.791	2875	2885	2895	rBV	282221	402964	100.00%	10.197%

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72	19.885	2899	2901	2905	rVB3	786	777	0.19%	0.020%
73	19.920	2905	2907	2908	rBV2	1321	896	0.22%	0.023%
74	19.996	2919	2920	2922	rBV	797	611	0.15%	0.015%
75	20.032	2924	2926	2928	rVB2	752	764	0.19%	0.019%
76	20.049	2928	2929	2931	rBV	807	613	0.15%	0.016%
77	20.073	2931	2933	2935	rVV3	809	734	0.18%	0.019%
78	20.096	2935	2937	2939	rVV	812	606	0.15%	0.015%
79	20.126	2940	2942	2943	rVB	1157	613	0.15%	0.016%
80	20.143	2943	2945	2949	rBV3	1261	1832	0.45%	0.046%
81	20.184	2951	2952	2954	rBV2	795	624	0.15%	0.016%
82	20.261	2960	2965	2967	rBV4	1517	2609	0.65%	0.066%
83	20.290	2967	2970	2973	rVV4	6632	7693	1.91%	0.195%
84	20.320	2973	2975	2977	rVB3	846	705	0.17%	0.018%
85	20.402	2986	2989	2991	rBV3	926	1144	0.28%	0.029%
86	20.461	2998	2999	3002	rVB2	1775	1025	0.25%	0.026%
87	20.484	3002	3003	3004	rBV	1489	786	0.20%	0.020%
88	20.625	3024	3027	3030	rBV4	1124	1947	0.48%	0.049%
89	20.672	3032	3035	3038	rVV5	1705	2338	0.58%	0.059%
90	20.737	3044	3046	3048	rBV3	1372	1342	0.33%	0.034%
91	20.760	3048	3050	3051	rVV2	1609	1361	0.34%	0.034%
92	20.784	3051	3054	3059	rVB6	3768	5363	1.33%	0.136%
93	21.283	3136	3139	3146	rBV4	5984	8387	2.08%	0.212%
94	21.665	3198	3204	3212	rBV	154145	243655	60.47%	6.166%
95	22.417	3330	3332	3340	rVB7	6868	10286	2.55%	0.260%
96	23.898	3578	3584	3590	rVB3	21904	42362	10.51%	1.072%
97	24.656	3703	3713	3726	rBV	146420	388210	96.34%	9.824%
98	24.873	3738	3750	3761	rVB	84588	234324	58.15%	5.930%
99	25.931	3928	3930	3938	rVB8	8722	15809	3.92%	0.400%
100	27.652	4221	4223	4227	rBV5	2461	3639	0.90%	0.092%

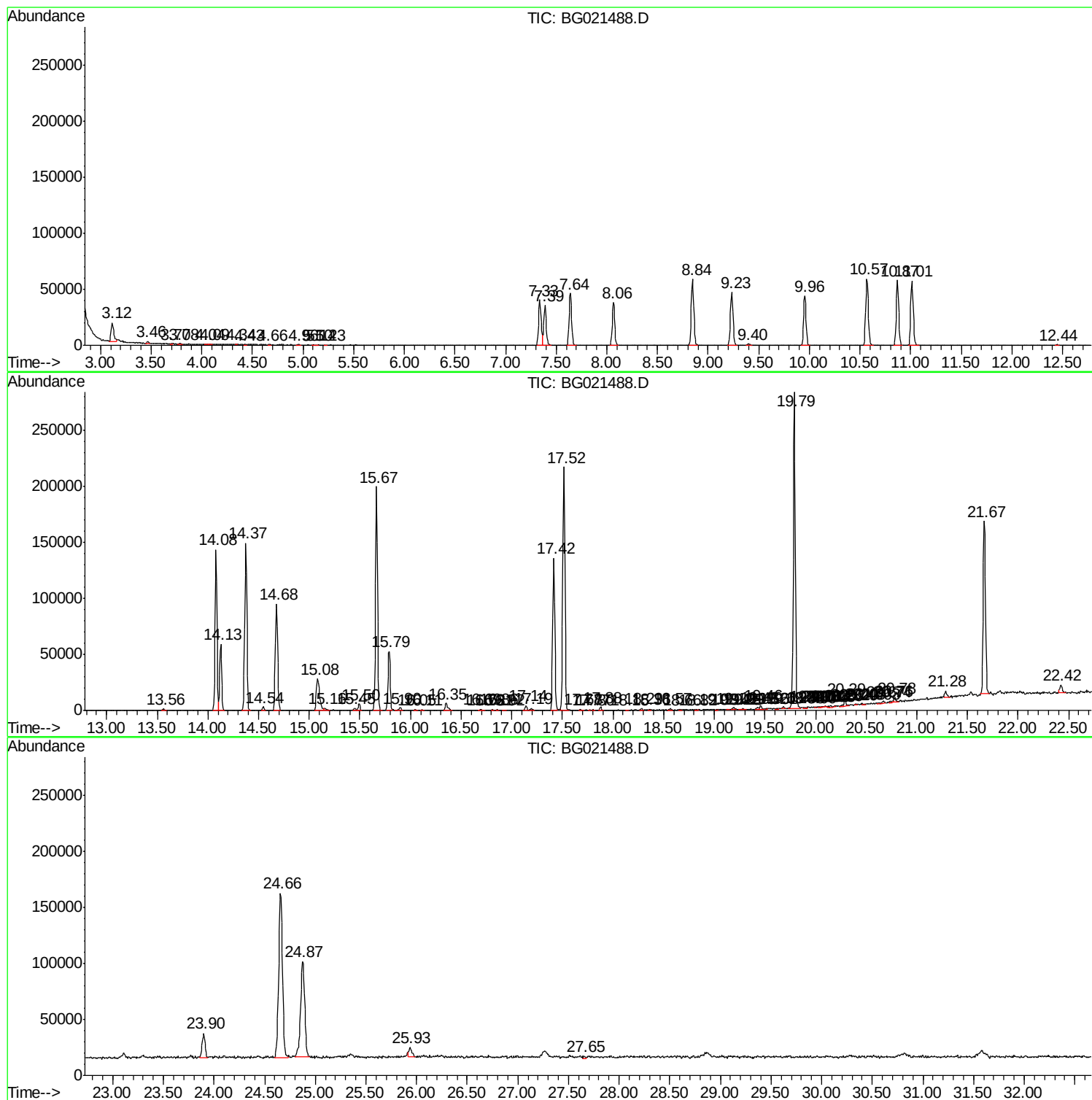
Sum of corrected areas: 3951801

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



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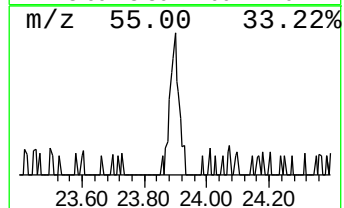
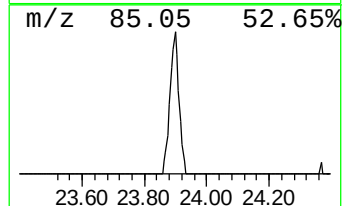
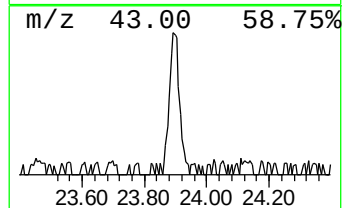
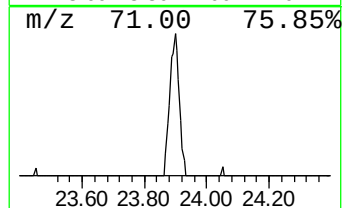
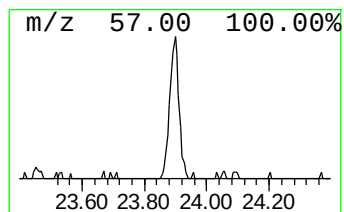
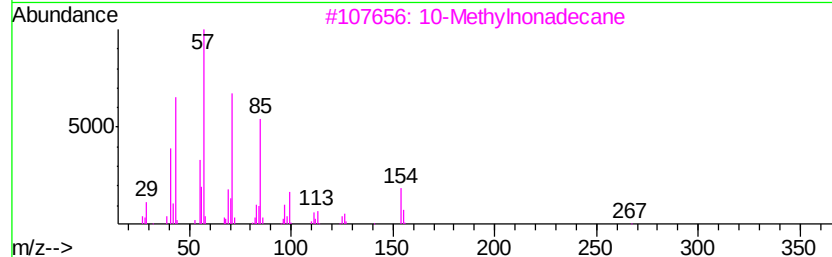
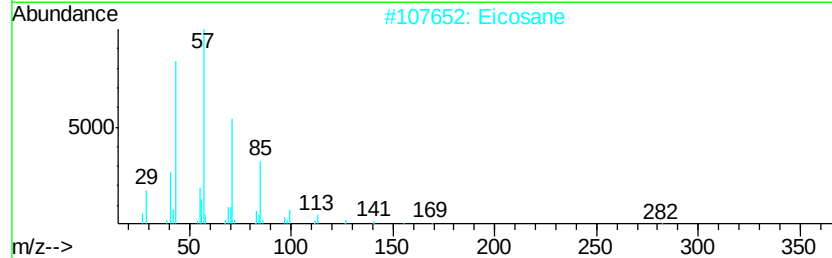
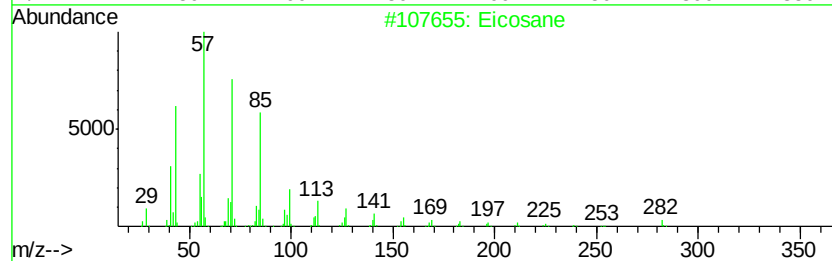
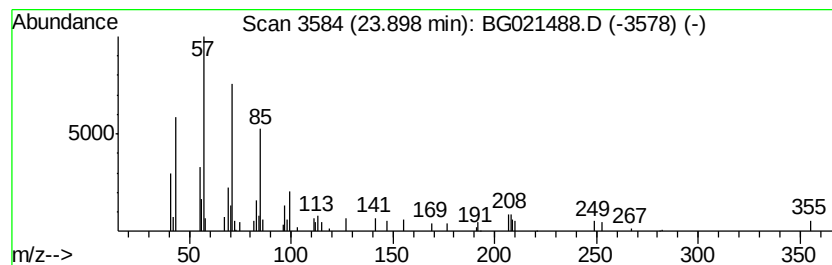
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.90	3.62 ng/ul	42362	Perylene-d12	24.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	86
3		10-Methylnonadecane	282	C20H42	056862-62-5	83
4		Heptacosane	380	C27H56	000593-49-7	83
5		Tetratriacontane	479	C34H70	014167-59-0	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	23.90	3.6	ng/ul	42362	6	24.88	234324	20.0