

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021918.D
 Acq On : 16 May 2016 22:45
 Operator : UM/SJ
 Sample : H3095-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XE6

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-BG050916.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	3.239	64	68	76	rVB2	12565	22362	1.66%	0.147%
2	3.327	78	83	94	rVB7	6910	14916	1.11%	0.098%
3	3.550	117	121	129	rVB4	7000	12848	0.96%	0.085%
4	4.085	207	212	221	rVB3	5789	11291	0.84%	0.074%
5	4.314	248	251	258	rVB3	3062	5256	0.39%	0.035%
6	4.525	284	287	295	rVB4	5235	9175	0.68%	0.060%
7	4.655	306	309	317	rVB5	3111	6901	0.51%	0.045%
8	5.330	419	424	431	rVB6	2364	4663	0.35%	0.031%
9	5.783	496	501	503	rBV4	1598	2666	0.20%	0.018%
10	6.153	560	564	565	rBV4	1360	1821	0.14%	0.012%
11	7.140	725	732	738	rBV4	2188	5292	0.39%	0.035%
12	7.322	756	763	775	rBV	124690	255513	19.02%	1.682%
13	7.487	783	791	802	rBV	108207	206563	15.38%	1.360%
14	7.698	818	827	836	rBV	145615	289202	21.53%	1.904%
15	8.168	895	907	921	rBV	184004	373131	27.78%	2.456%
16	8.703	995	998	1005	rVV3	1151	2476	0.18%	0.016%
17	8.873	1020	1027	1044	rVV	178425	360270	26.82%	2.372%
18	9.337	1098	1106	1118	rBV	115826	253873	18.90%	1.671%
19	9.420	1118	1120	1124	rVV3	2799	4850	0.36%	0.032%
20	9.484	1124	1131	1142	rVB2	35896	69566	5.18%	0.458%
21	10.066	1220	1230	1239	rBV	98963	204861	15.25%	1.349%
22	10.607	1314	1322	1335	rBV	195549	397957	29.63%	2.620%
23	10.936	1374	1378	1379	rVV	2449	3020	0.22%	0.020%
24	10.988	1379	1387	1402	rVB	308387	628433	46.79%	4.137%
25	11.124	1403	1410	1427	rVV	87143	212934	15.85%	1.402%
26	11.758	1511	1518	1522	rBV6	4435	8643	0.64%	0.057%
27	11.981	1552	1556	1563	rVB3	4867	8525	0.63%	0.056%
28	12.375	1618	1623	1626	rVV4	3355	4944	0.37%	0.033%
29	12.557	1650	1654	1661	rVB4	3835	8043	0.60%	0.053%
30	12.634	1661	1667	1672	rBV2	6041	11003	0.82%	0.072%
31	12.851	1697	1704	1711	rVB3	5589	9856	0.73%	0.065%
32	13.145	1752	1754	1756	rBV2	1958	2129	0.16%	0.014%
33	13.262	1771	1774	1776	rVB3	1587	1604	0.12%	0.011%
34	13.315	1778	1783	1787	rVB3	2684	4646	0.35%	0.031%

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35	13.392	1793	1796	1804	rVB3	3259	4763	0.35%	0.031%
36	13.597	1826	1831	1835	rVV3	7730	13039	0.97%	0.086%
37	13.627	1835	1836	1838	rVV2	3229	2540	0.19%	0.017%
38	13.674	1841	1844	1850	rVB5	4089	6859	0.51%	0.045%
39	13.961	1890	1893	1894	rBV3	2091	1933	0.14%	0.013%
40	14.061	1908	1910	1914	rVB2	1593	1621	0.12%	0.011%
41	14.114	1914	1919	1924	rBV4	9214	15389	1.15%	0.101%
42	14.191	1924	1932	1937	rVV	380572	616393	45.89%	4.058%
43	14.238	1937	1940	1947	rVB	70052	109279	8.14%	0.719%
44	14.291	1947	1949	1952	rBV2	2370	2788	0.21%	0.018%
45	14.349	1956	1959	1960	rBV3	3113	2601	0.19%	0.017%
46	14.490	1975	1983	1994	rBV	512830	899346	66.96%	5.920%
47	14.620	2002	2005	2008	rVV4	2791	3674	0.27%	0.024%
48	14.661	2008	2012	2019	rVV2	21518	32075	2.39%	0.211%
49	14.796	2019	2035	2043	rVV3	504194	901992	67.16%	5.938%
50	14.860	2043	2046	2054	rVB7	6465	11729	0.87%	0.077%
51	14.996	2061	2069	2080	rBV	63052	165909	12.35%	1.092%
52	15.095	2084	2086	2089	rVV4	1905	2749	0.20%	0.018%
53	15.178	2098	2100	2104	rVB5	4628	5751	0.43%	0.038%
54	15.278	2111	2117	2119	rBV5	5121	8010	0.60%	0.053%
55	15.401	2134	2138	2144	rBV5	3974	7319	0.54%	0.048%
56	15.448	2144	2146	2147	rVV2	2165	1753	0.13%	0.012%
57	15.460	2147	2148	2151	rVB2	4030	2265	0.17%	0.015%
58	15.495	2151	2154	2157	rBV4	1632	2368	0.18%	0.016%
59	15.571	2162	2167	2169	rBV4	6556	10290	0.77%	0.068%
60	15.612	2169	2174	2179	rVB	34693	50135	3.73%	0.330%
61	15.671	2179	2184	2186	rBV3	3604	5121	0.38%	0.034%
62	15.736	2191	2195	2196	rBV4	2087	2384	0.18%	0.016%
63	15.783	2196	2203	2218	rVB	664838	1131077	84.21%	7.446%
64	15.900	2218	2223	2231	rBV	93602	160918	11.98%	1.059%
65	16.018	2236	2243	2252	rVB5	18040	40317	3.00%	0.265%
66	16.124	2255	2261	2265	rBV7	6491	12222	0.91%	0.080%
67	16.153	2265	2266	2269	rBV3	3132	3491	0.26%	0.023%
68	16.235	2277	2280	2283	rVB5	4077	5236	0.39%	0.034%
69	16.282	2283	2288	2290	rBV5	3421	5565	0.41%	0.037%
70	16.376	2300	2304	2307	rVB6	4121	6353	0.47%	0.042%
71	16.400	2307	2308	2309	rBV	2953	1599	0.12%	0.011%

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72	16.417	2309	2311	2312	rVV2	1899	1773	0.13%	0.012%
73	16.476	2315	2321	2330	rBV3	35772	92329	6.87%	0.608%
74	16.617	2339	2345	2347	rBV7	4401	8051	0.60%	0.053%
75	16.641	2347	2349	2350	rBV2	2599	1753	0.13%	0.012%
76	16.735	2363	2365	2367	rVB3	3137	2217	0.17%	0.015%
77	16.793	2373	2375	2376	rBV2	3969	2708	0.20%	0.018%
78	16.817	2376	2379	2381	rVV4	2752	4016	0.30%	0.026%
79	16.981	2405	2407	2409	rBV3	4616	4394	0.33%	0.029%
80	17.011	2410	2412	2416	rVV5	6170	8506	0.63%	0.056%
81	17.193	2440	2443	2446	rBV5	6934	10363	0.77%	0.068%
82	17.228	2447	2449	2450	rVV2	7979	6377	0.47%	0.042%
83	17.263	2452	2455	2460	rVV2	25426	37323	2.78%	0.246%
84	17.316	2462	2464	2468	rVB5	7866	9086	0.68%	0.060%
85	17.404	2476	2479	2483	rBV6	8513	13956	1.04%	0.092%
86	17.540	2495	2502	2508	rBV2	542349	974785	72.58%	6.417%
87	17.640	2513	2519	2529	rVB	618357	1064434	79.25%	7.007%
88	18.004	2577	2581	2586	rVB4	14007	18987	1.41%	0.125%
89	18.104	2594	2598	2602	rBV5	23004	37412	2.79%	0.246%
90	18.239	2619	2621	2622	rBV2	4975	2732	0.20%	0.018%
91	18.403	2645	2649	2655	rBV4	28094	53643	3.99%	0.353%
92	18.456	2655	2658	2659	rBV3	11252	13243	0.99%	0.087%
93	18.597	2678	2682	2685	rBV3	15315	25359	1.89%	0.167%
94	19.314	2801	2804	2807	rBV4	24020	29640	2.21%	0.195%
95	19.578	2845	2849	2855	rVB	69804	107174	7.98%	0.706%
96	19.913	2900	2906	2917	rVB	751289	1343101	100.00%	8.842%
97	21.688	3203	3208	3217	rVB	186077	300076	22.34%	1.975%
98	21.823	3225	3231	3243	rVB	567643	1124343	83.71%	7.401%
99	24.937	3755	3761	3783	rVB2	309611	1092285	81.33%	7.190%
100	25.172	3793	3801	3821	rVB3	329098	1124623	83.73%	7.403%

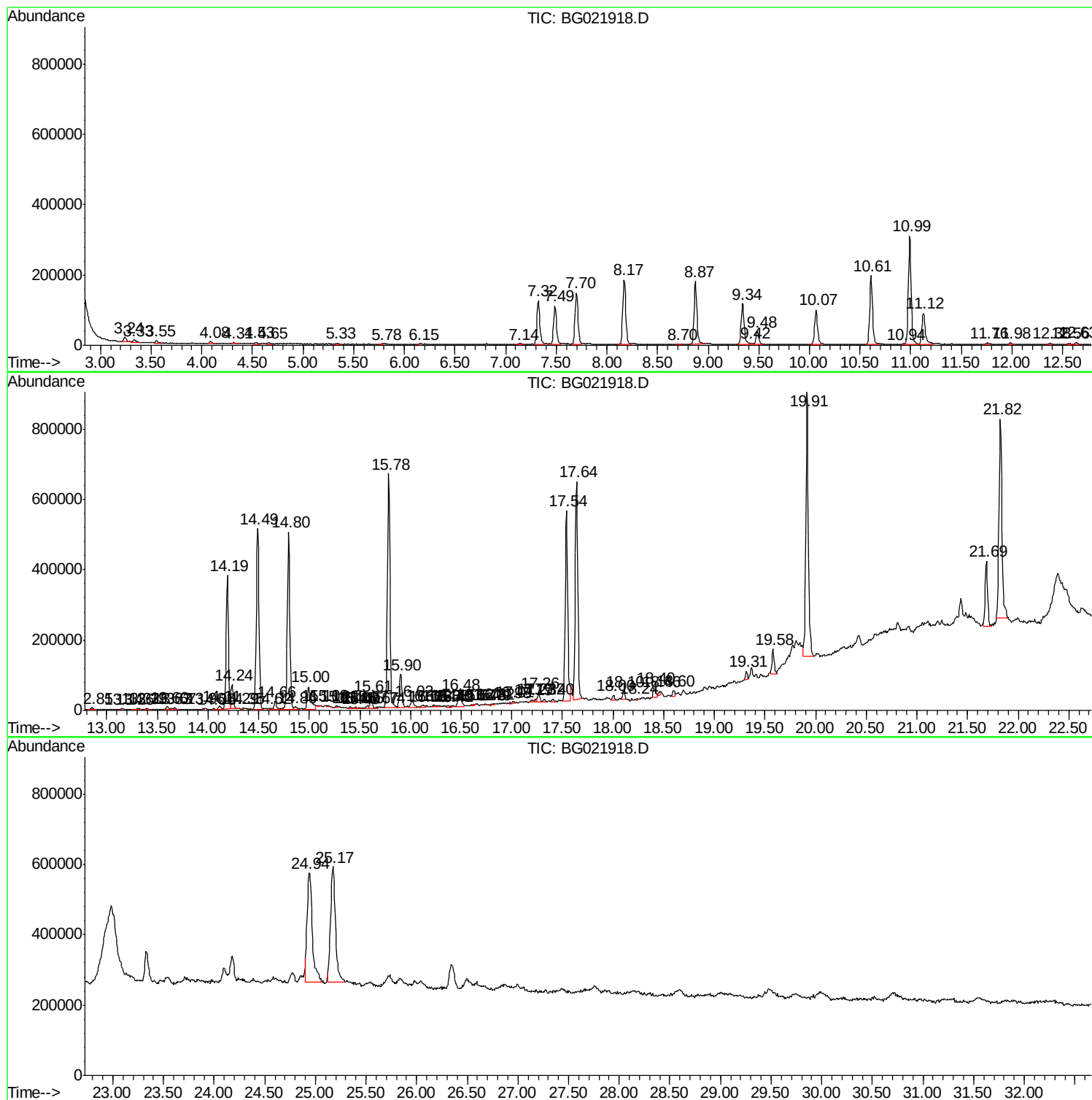
Sum of corrected areas: 15190775

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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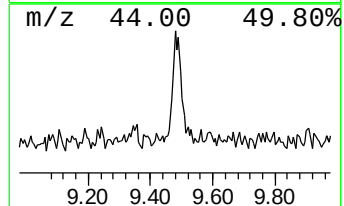
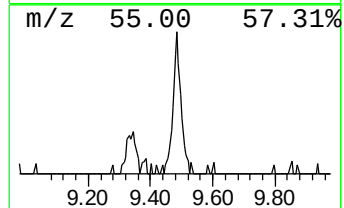
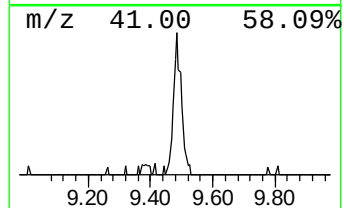
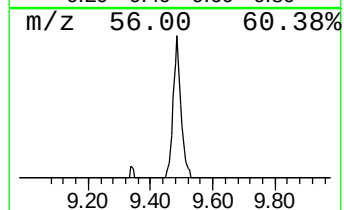
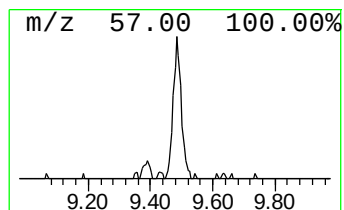
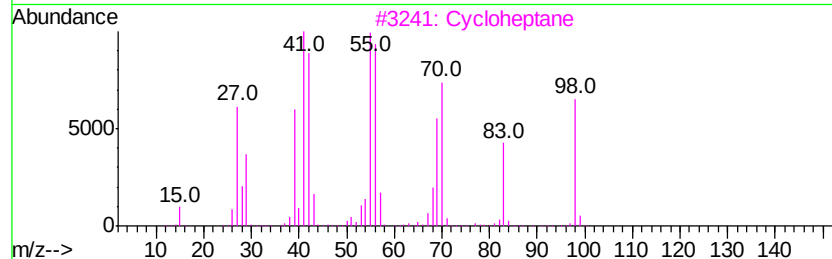
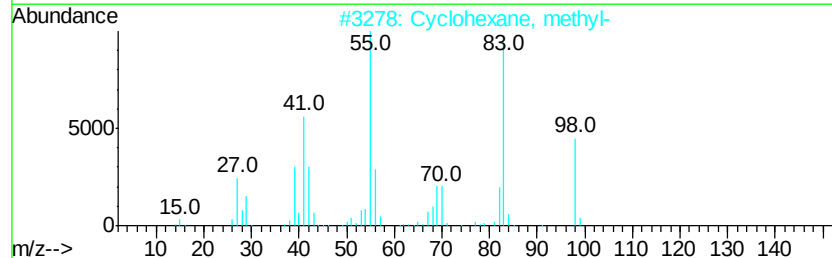
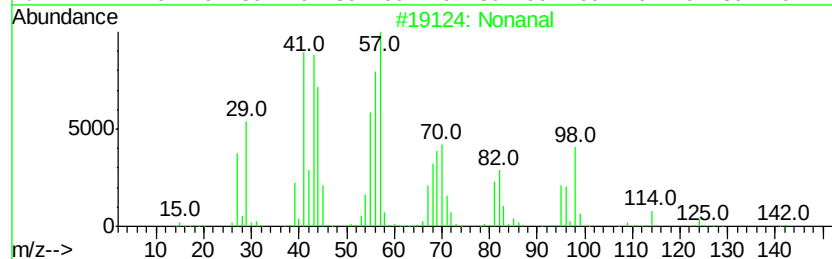
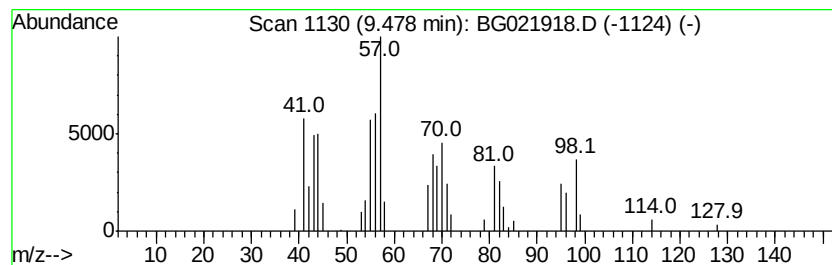
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Nonanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	3.73 ng/ul	69566	1,4-Dichlorobenzene-d4	8.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	86
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	52
3		Cycloheptane	98	C7H14	000291-64-5	43
4		(Z)-2-Heptene	98	C7H14	006443-92-1	35
5		2-Heptene, (E)-	98	C7H14	014686-13-6	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Nonanal	9.48	3.7	ng/ul	69566	1	8.17	373131	20.0