

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025211.D
 Acq On : 15 Dec 2016 14:42
 Operator : UM/SJ
 Sample : PB95253BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK53

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\SOM02.2-EPA-BG113016.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	3.216	60	64	71	rBV3	29455	48454	1.86%	0.183%
2	3.451	101	104	109	rVB4	4739	6046	0.23%	0.023%
3	3.586	122	127	132	rVB3	17066	27347	1.05%	0.103%
4	3.692	142	145	147	rBV3	3791	5417	0.21%	0.020%
5	3.939	185	187	191	rBV5	4724	7103	0.27%	0.027%
6	4.368	259	260	265	rVB3	6349	6709	0.26%	0.025%
7	4.427	265	270	271	rBV3	4429	6360	0.24%	0.024%
8	4.497	281	282	287	rVB3	5232	6479	0.25%	0.024%
9	4.615	299	302	305	rBV4	4287	5934	0.23%	0.022%
10	4.650	307	308	313	rVB3	5585	5412	0.21%	0.020%
11	4.750	324	325	329	rBV2	4359	5422	0.21%	0.020%
12	4.879	343	347	349	rVB4	4091	5193	0.20%	0.020%
13	5.190	397	400	404	rBV4	5523	8177	0.31%	0.031%
14	5.226	404	406	409	rVB4	5112	5469	0.21%	0.021%
15	5.326	421	423	428	rBV4	4615	7934	0.30%	0.030%
16	6.001	535	538	541	rVB4	4247	5567	0.21%	0.021%
17	6.036	541	544	546	rBV3	4744	5167	0.20%	0.019%
18	6.054	546	547	553	rVB4	4537	7264	0.28%	0.027%
19	6.130	558	560	563	rBV3	5067	6148	0.24%	0.023%
20	6.248	579	580	585	rVB3	3779	5254	0.20%	0.020%
21	6.418	606	609	614	rVB6	4600	6115	0.23%	0.023%
22	6.553	629	632	635	rBV2	4822	7538	0.29%	0.028%
23	6.806	672	675	680	rBV4	4761	6946	0.27%	0.026%
24	6.994	704	707	711	rVV3	4518	6126	0.24%	0.023%
25	7.153	732	734	738	rVB4	4939	6702	0.26%	0.025%
26	7.206	738	743	747	rBV6	5859	10330	0.40%	0.039%
27	7.382	765	773	785	rBV	362529	684108	26.26%	2.577%
28	7.546	794	801	810	rBV	243085	424497	16.29%	1.599%
29	7.640	813	817	826	rVB8	7329	18363	0.70%	0.069%
30	7.764	826	838	848	rBV	344898	649862	24.94%	2.448%
31	7.893	854	860	862	rBV6	2922	5277	0.20%	0.020%
32	8.163	901	906	909	rBV2	4061	6768	0.26%	0.025%
33	8.234	911	918	928	rBV	247940	459094	17.62%	1.729%
34	8.592	977	979	987	rVB5	3367	5797	0.22%	0.022%

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35	8.680	991	994	997	rBV4	7239	6280	0.24%	0.024%
36	8.763	1006	1008	1012	rVB4	5828	8411	0.32%	0.032%
37	8.939	1029	1038	1051	rBV2	459636	879604	33.76%	3.313%
38	9.192	1077	1081	1085	rVB4	4226	8324	0.32%	0.031%
39	9.321	1098	1103	1106	rBV4	5983	9400	0.36%	0.035%
40	9.415	1108	1119	1132	rBV	385033	729411	28.00%	2.747%
41	9.967	1211	1213	1221	rVB5	6057	9803	0.38%	0.037%
42	10.138	1230	1242	1252	rBV2	344661	655461	25.16%	2.469%
43	10.396	1279	1286	1287	rBV3	4300	6825	0.26%	0.026%
44	10.678	1326	1334	1353	rBV2	465111	971077	37.27%	3.658%
45	10.978	1382	1385	1389	rBV4	4077	6934	0.27%	0.026%
46	11.060	1391	1399	1414	rVB	371407	718214	27.57%	2.705%
47	11.207	1414	1424	1435	rBV3	69784	161623	6.20%	0.609%
48	11.377	1446	1453	1456	rVB6	4161	7776	0.30%	0.029%
49	11.407	1456	1458	1463	rVB4	4972	5917	0.23%	0.022%
50	11.683	1503	1505	1511	rBV5	3969	7207	0.28%	0.027%
51	12.041	1561	1566	1568	rBV3	3299	5223	0.20%	0.020%
52	12.358	1613	1620	1626	rBV6	5340	12538	0.48%	0.047%
53	12.505	1640	1645	1648	rVV5	4059	6664	0.26%	0.025%
54	12.629	1660	1666	1668	rVB2	3911	6763	0.26%	0.025%
55	12.717	1674	1681	1687	rVB5	5567	11673	0.45%	0.044%
56	12.840	1696	1702	1707	rVB5	4404	10526	0.40%	0.040%
57	13.064	1735	1740	1744	rBV3	7709	12307	0.47%	0.046%
58	13.316	1779	1783	1786	rBV3	3762	5759	0.22%	0.022%
59	13.698	1841	1848	1852	rVB5	6809	14214	0.55%	0.054%
60	13.757	1855	1858	1863	rVB3	5602	7772	0.30%	0.029%
61	14.250	1930	1942	1954	rBV	902596	1441007	55.31%	5.428%
62	14.338	1954	1957	1960	rVV5	5554	7538	0.29%	0.028%
63	14.438	1971	1974	1982	rVB7	6020	9792	0.38%	0.037%
64	14.556	1985	1994	2003	rBV	978370	1614282	61.96%	6.080%
65	14.856	2034	2045	2053	rBV	694028	1119683	42.98%	4.217%
66	15.061	2073	2080	2101	rBV2	340147	764025	29.33%	2.878%
67	15.243	2104	2111	2118	rVB10	9976	31456	1.21%	0.118%
68	15.484	2150	2152	2157	rVB4	8744	8686	0.33%	0.033%
69	15.590	2167	2170	2175	rBV5	4731	6748	0.26%	0.025%
70	15.643	2175	2179	2183	rVB6	8379	13009	0.50%	0.049%
71	15.843	2202	2213	2227	rBV	1339958	2083726	79.98%	7.849%

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72	15.966	2227	2234	2248	rVV	438027	736674	28.28%	2.775%
73	16.078	2248	2253	2261	rVB6	19495	41794	1.60%	0.157%
74	16.166	2267	2268	2273	rVB3	4835	5317	0.20%	0.020%
75	16.477	2315	2321	2323	rVB3	5032	6581	0.25%	0.025%
76	16.512	2323	2327	2329	rBV2	4812	5601	0.21%	0.021%
77	16.771	2367	2371	2378	rVB7	9144	17323	0.66%	0.065%
78	16.894	2387	2392	2396	rVB4	7548	11077	0.43%	0.042%
79	17.029	2414	2415	2420	rBV4	3655	6426	0.25%	0.024%
80	17.106	2424	2428	2435	rVB5	4450	7496	0.29%	0.028%
81	17.188	2441	2442	2446	rVB3	6540	7727	0.30%	0.029%
82	17.400	2473	2478	2481	rVB4	10166	19071	0.73%	0.072%
83	17.447	2482	2486	2490	rVB6	5352	8043	0.31%	0.030%
84	17.523	2496	2499	2501	rBV2	4181	5747	0.22%	0.022%
85	17.599	2505	2512	2522	rBV	881709	1368388	52.52%	5.154%
86	17.699	2522	2529	2544	rVB	1391969	2233840	85.74%	8.414%
87	17.928	2565	2568	2570	rBV3	7326	6224	0.24%	0.023%
88	18.011	2574	2582	2592	rVB9	10060	26584	1.02%	0.100%
89	18.087	2592	2595	2597	rBV3	6688	5551	0.21%	0.021%
90	18.522	2666	2669	2676	rVB5	10359	14575	0.56%	0.055%
91	18.774	2709	2712	2715	rBV4	5002	5597	0.21%	0.021%
92	18.962	2742	2744	2747	rBV4	4802	5790	0.22%	0.022%
93	19.103	2765	2768	2769	rBV3	6640	6760	0.26%	0.025%
94	19.503	2833	2836	2837	rBV3	9580	9346	0.36%	0.035%
95	19.638	2857	2859	2869	rVB9	12159	18491	0.71%	0.070%
96	19.861	2894	2897	2904	rVB4	17186	28919	1.11%	0.109%
97	19.967	2908	2915	2924	rBV	1689513	2605357	100.00%	9.813%
98	21.894	3235	3243	3254	rVB	908045	1665194	63.91%	6.272%
99	25.073	3774	3784	3801	rBV2	713513	2475866	95.03%	9.326%
100	25.314	3814	3825	3838	rBV2	405684	1323348	50.79%	4.985%

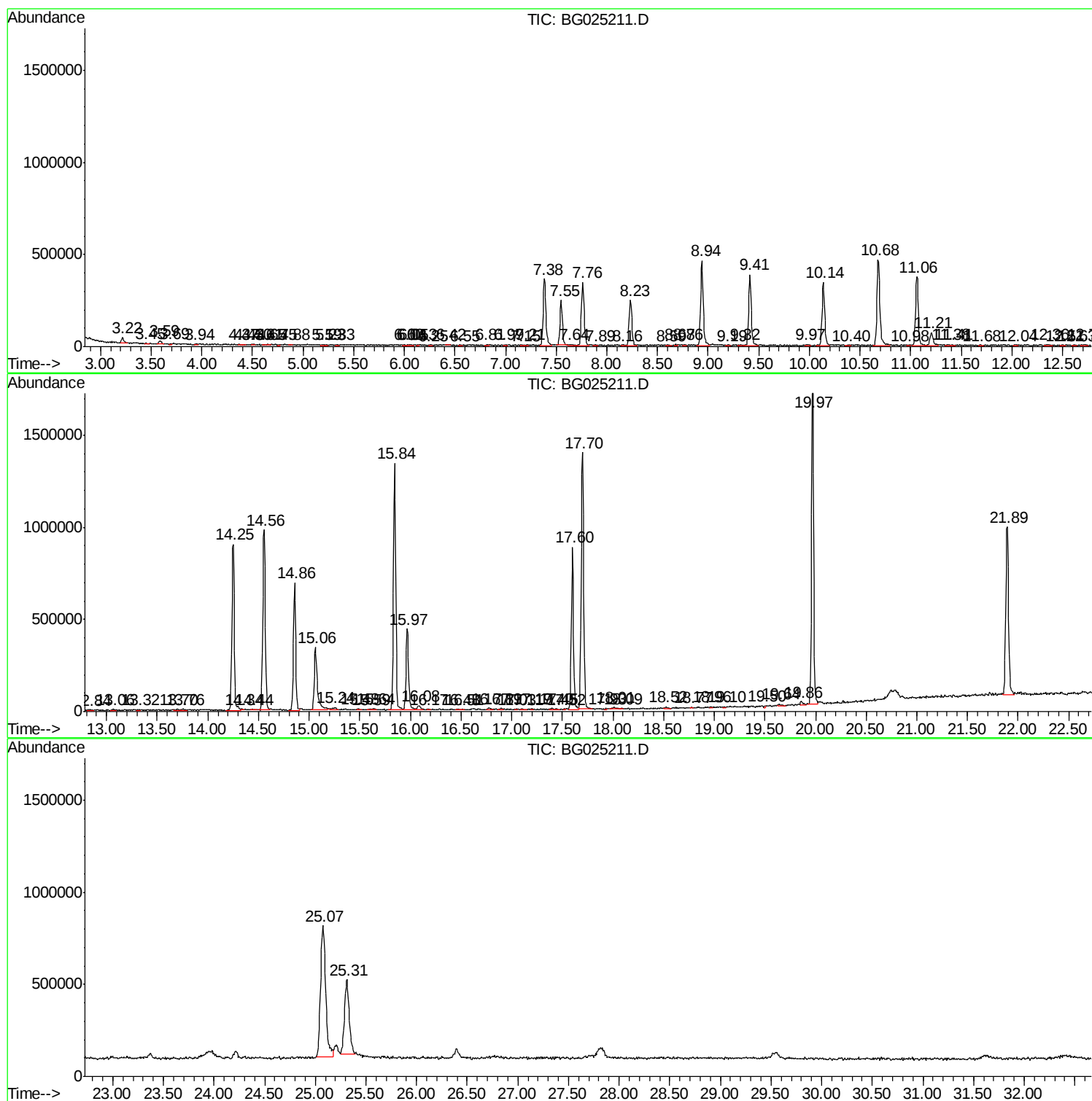
Sum of corrected areas: 26548744

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



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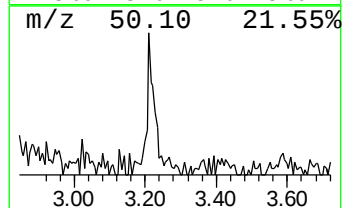
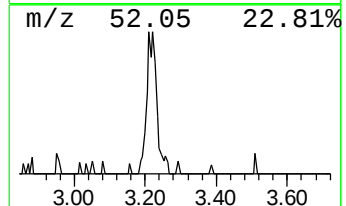
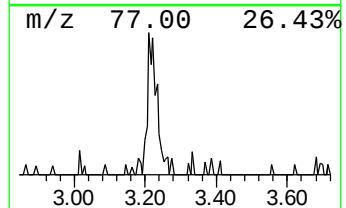
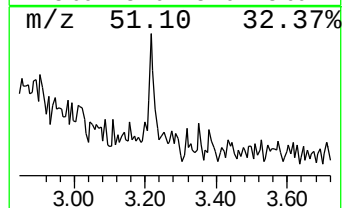
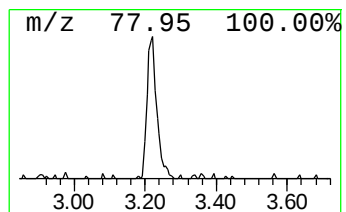
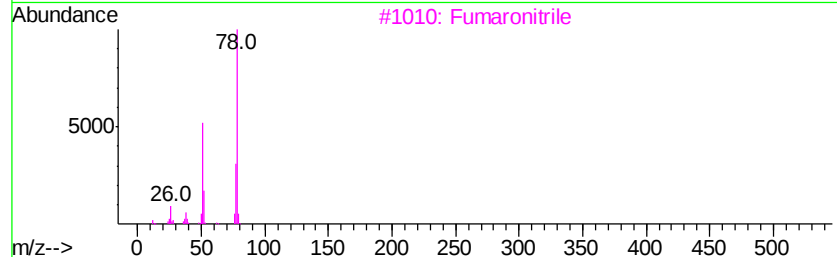
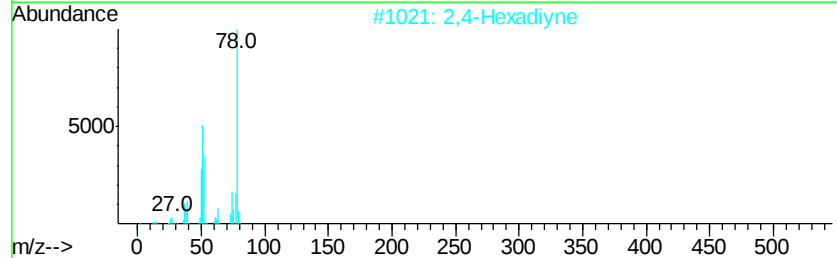
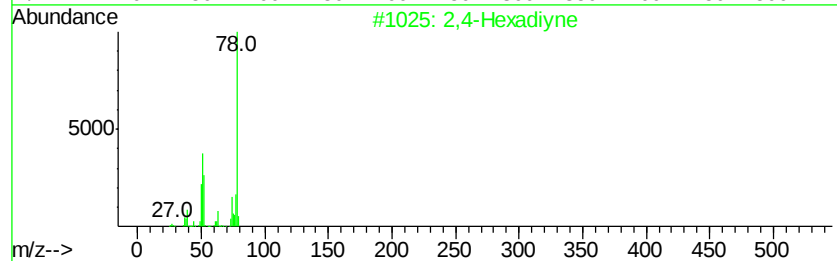
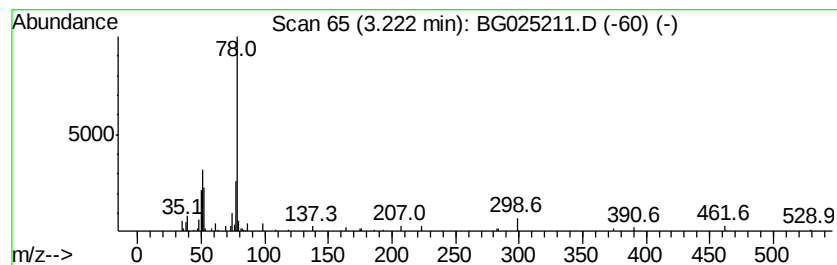
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2,4-Hexadiyne Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	2.11 ng/ul	48454	1,4-Dichlorobenzene-d4	8.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Hexadiyne	78	C6H6	002809-69-0	72
2			2,4-Hexadiyne	78	C6H6	002809-69-0	64
3			Fumaronitrile	78	C4H2N2	000764-42-1	64
4			Benzene	78	C6H6	000071-43-2	64
5			Fumaronitrile	78	C4H2N2	000764-42-1	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4-Hexadiyne	3.22	2.1	ng/ul	48454	1	8.23	459094	20.0