

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023543.D
 Acq On : 8 Aug 2016 20:53
 Operator : UM/SJ
 Sample : H4338-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V21

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-BG080416.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	3.128	47	49	52	rBV4	8497	9784	0.18%	0.019%
2	3.387	91	93	96	rVB4	8939	7747	0.14%	0.015%
3	3.722	146	150	152	rBV4	6216	8568	0.16%	0.017%
4	4.256	236	241	243	rBV5	8864	12154	0.22%	0.024%
5	6.630	643	645	648	rVB4	6952	7602	0.14%	0.015%
6	6.694	654	656	660	rVB2	5778	7821	0.14%	0.015%
7	7.223	745	746	749	rBV2	7538	7845	0.15%	0.015%
8	7.270	749	754	764	rVB	156571	283590	5.25%	0.553%
9	7.428	775	781	793	rVV	555599	937824	17.35%	1.830%
10	7.552	795	802	806	rVB5	17344	31785	0.59%	0.062%
11	7.646	811	818	827	rVV	513376	923999	17.10%	1.803%
12	8.116	892	898	905	rBV	505913	840981	15.56%	1.641%
13	8.827	1012	1019	1029	rBV2	455418	851607	15.76%	1.662%
14	8.891	1029	1030	1033	rVV3	12935	12033	0.22%	0.023%
15	8.950	1033	1040	1050	rVV	77429	155470	2.88%	0.303%
16	9.291	1089	1098	1109	rBV	706884	1278331	23.65%	2.495%
17	9.561	1141	1144	1146	rBV3	6001	8856	0.16%	0.017%
18	10.019	1214	1222	1234	rBV	614836	1113466	20.60%	2.173%
19	10.565	1307	1315	1332	rBV	818420	1598855	29.58%	3.120%
20	10.800	1352	1355	1359	rVB4	6774	8170	0.15%	0.016%
21	10.947	1372	1380	1394	rVV	735793	1380940	25.55%	2.695%
22	11.088	1396	1404	1412	rVV2	76098	162690	3.01%	0.318%
23	11.752	1510	1517	1519	rBV7	8150	14169	0.26%	0.028%
24	12.533	1642	1650	1655	rBV6	17215	37406	0.69%	0.073%
25	12.745	1679	1686	1702	rBV2	150015	358495	6.63%	0.700%
26	12.898	1708	1712	1716	rVB6	6886	9049	0.17%	0.018%
27	13.050	1734	1738	1741	rBV4	4879	7620	0.14%	0.015%
28	13.356	1786	1790	1791	rBV2	7251	8816	0.16%	0.017%
29	13.649	1836	1840	1845	rVB7	13797	21928	0.41%	0.043%
30	13.890	1875	1881	1884	rBV7	12956	23471	0.43%	0.046%
31	13.914	1884	1885	1889	rVV4	10599	11269	0.21%	0.022%
32	14.172	1922	1929	1936	rBV	1939540	2871164	53.12%	5.603%
33	14.419	1965	1971	1974	rBV2	30067	50178	0.93%	0.098%
34	14.472	1974	1980	1987	rVB	2083337	3207996	59.35%	6.261%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023543.D
 Acq On : 8 Aug 2016 20:53
 Operator : UM/SJ
 Sample : H4338-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V21

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-BG080416.M
 Title : SVOA CALIBRATION

35	14.777	2026	2032	2041	rVB2	1323185	2222258	41.12%	4.337%
36	15.001	2064	2070	2084	rBV3	111474	321465	5.95%	0.627%
37	15.553	2162	2164	2167	rBV4	6716	9001	0.17%	0.018%
38	15.711	2187	2191	2192	rBV3	10114	9135	0.17%	0.018%
39	15.776	2194	2202	2211	rVV	2813597	4417649	81.73%	8.621%
40	15.893	2215	2222	2238	rVV	1057508	1669310	30.89%	3.258%
41	16.011	2238	2242	2247	rVV3	39455	60519	1.12%	0.118%
42	16.334	2295	2297	2300	rBV3	7900	8492	0.16%	0.017%
43	16.604	2339	2343	2345	rBV3	10543	11164	0.21%	0.022%
44	16.657	2350	2352	2354	rBV3	12334	9013	0.17%	0.018%
45	16.728	2360	2364	2368	rVB7	14259	19278	0.36%	0.038%
46	16.780	2370	2373	2377	rVB5	5903	8923	0.17%	0.017%
47	16.927	2395	2398	2399	rBV3	6804	7639	0.14%	0.015%
48	17.203	2442	2445	2450	rBV7	8060	12515	0.23%	0.024%
49	17.274	2454	2457	2460	rVB4	8249	9690	0.18%	0.019%
50	17.327	2460	2466	2473	rBV6	16439	35852	0.66%	0.070%
51	17.538	2494	2502	2510	rBV2	1961588	2980823	55.15%	5.817%
52	17.638	2513	2519	2529	rVV2	3095317	4924472	91.11%	9.611%
53	17.720	2531	2533	2538	rVB6	10344	11451	0.21%	0.022%
54	17.779	2538	2543	2545	rBV6	11488	18537	0.34%	0.036%
55	17.920	2566	2567	2571	rVB4	8472	10319	0.19%	0.020%
56	18.002	2580	2581	2586	rVB4	10698	9827	0.18%	0.019%
57	18.196	2611	2614	2618	rVB5	12324	15635	0.29%	0.031%
58	18.243	2618	2622	2625	rBV6	6186	9009	0.17%	0.018%
59	18.367	2640	2643	2644	rBV2	8665	10240	0.19%	0.020%
60	18.414	2647	2651	2656	rVB8	23347	34813	0.64%	0.068%
61	18.484	2661	2663	2666	rVV	20648	23108	0.43%	0.045%
62	18.690	2694	2698	2700	rBV4	7707	10912	0.20%	0.021%
63	18.878	2725	2730	2732	rBV6	7997	12954	0.24%	0.025%
64	18.931	2737	2739	2744	rVB6	9833	9734	0.18%	0.019%
65	19.189	2779	2783	2786	rVB6	6797	9378	0.17%	0.018%
66	19.324	2803	2806	2808	rBV4	10567	12911	0.24%	0.025%
67	19.565	2842	2847	2852	rVV2	50907	83698	1.55%	0.163%
68	19.677	2863	2866	2873	rBV9	26385	50942	0.94%	0.099%
69	19.818	2886	2890	2896	rVB2	40695	60642	1.12%	0.118%
70	19.929	2903	2909	2916	rBV	3716811	5404871	100.00%	10.548%
71	20.147	2942	2946	2947	rBV4	13317	17363	0.32%	0.034%

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023543.D
Acq On : 8 Aug 2016 20:53
Operator : UM/SJ
Sample : H4338-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4V21

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-BG080416.M
Title : SVOA CALIBRATION

72	20.429	2992	2994	2998	rBV5	11205	12486	0.23%	0.024%
73	21.075	3102	3104	3108	rBV5	11451	14596	0.27%	0.028%
74	21.263	3134	3136	3142	rVB7	23569	28109	0.52%	0.055%
75	21.421	3161	3163	3165	rBV3	14339	12358	0.23%	0.024%
76	21.856	3228	3237	3249	rBV	1779850	3155398	58.38%	6.158%
77	22.349	3319	3321	3322	rBV	14687	10155	0.19%	0.020%
78	22.990	3428	3430	3431	rBV2	13162	7839	0.15%	0.015%
79	23.383	3493	3497	3505	rVB9	44685	88646	1.64%	0.173%
80	24.223	3635	3640	3648	rVB6	63608	155190	2.87%	0.303%
81	24.411	3669	3672	3673	rBV3	14108	14430	0.27%	0.028%
82	24.758	3729	3731	3732	rVB2	16021	8107	0.15%	0.016%
83	24.999	3761	3772	3787	rBV2	1637825	4788654	88.60%	9.345%
84	25.234	3799	3812	3824	rBV	1071819	3168579	58.62%	6.184%
85	25.686	3887	3889	3891	rBV3	13349	11941	0.22%	0.023%
86	26.297	3991	3993	3994	rBV2	15173	11951	0.22%	0.023%
87	26.403	4004	4011	4021	rVB5	100157	301678	5.58%	0.589%
88	26.691	4058	4060	4062	rBV3	15445	19712	0.36%	0.038%
89	27.824	4242	4253	4265	rVB5	100467	370104	6.85%	0.722%
90	28.106	4299	4301	4304	rBV3	11728	10106	0.19%	0.020%
91	28.576	4379	4381	4383	rBV3	12419	9429	0.17%	0.018%
92	29.528	4538	4543	4544	rBV5	39213	63975	1.18%	0.125%
93	29.857	4597	4599	4600	rBV2	13938	8256	0.15%	0.016%
94	30.903	4775	4777	4779	rVB3	13102	10954	0.20%	0.021%
95	31.502	4876	4879	4882	rBV5	15252	20702	0.38%	0.040%
96	31.584	4888	4893	4895	rBV6	37872	62713	1.16%	0.122%
97	31.778	4925	4926	4929	rBV3	13873	9019	0.17%	0.018%
98	31.983	4959	4961	4963	rBV3	11249	11906	0.22%	0.023%
99	32.365	5024	5026	5031	rBV6	15116	20233	0.37%	0.039%
100	32.565	5058	5060	5061	rBV2	11103	7819	0.14%	0.015%

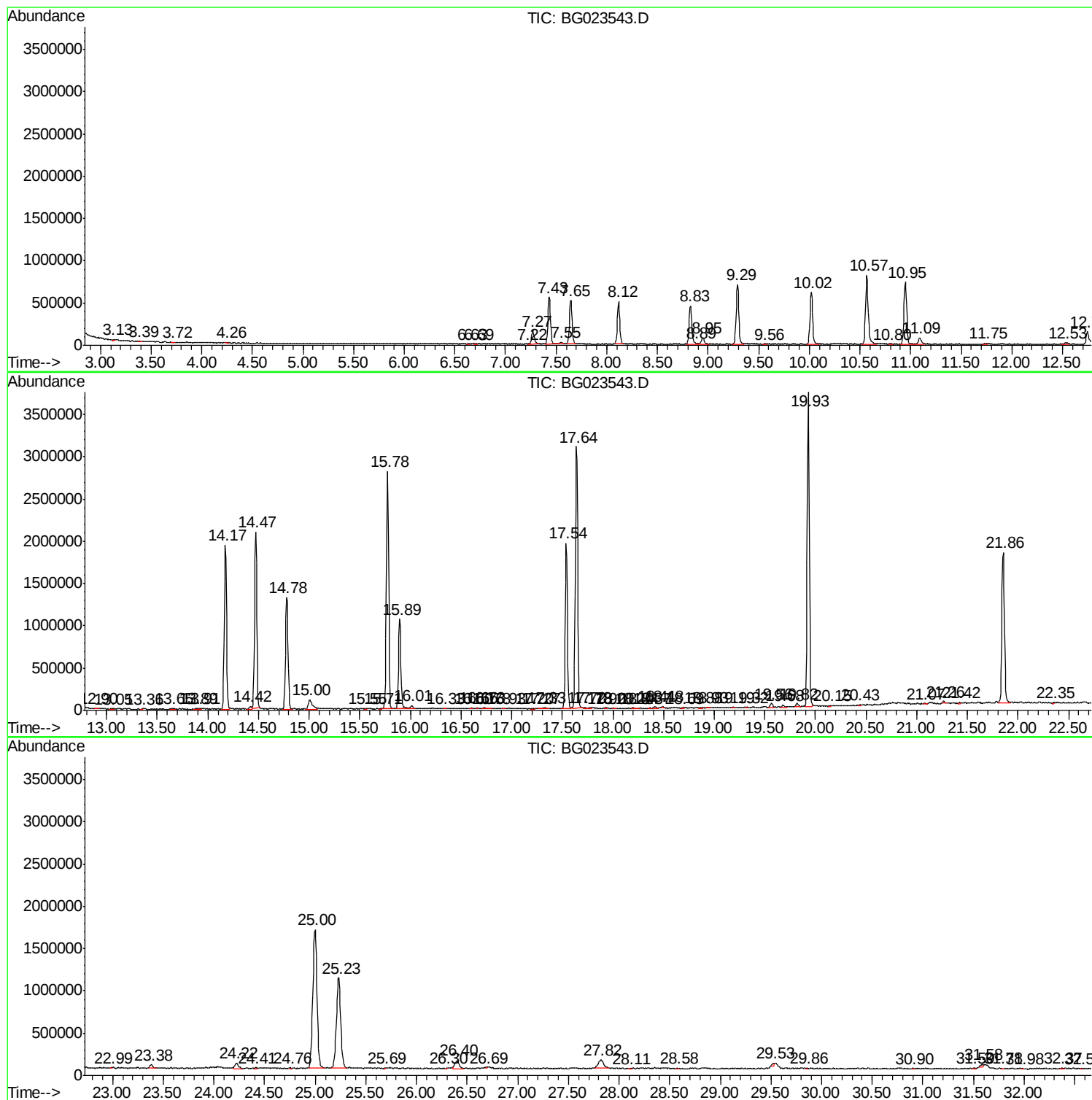
Sum of corrected areas: 51240266

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023543.D
Acq On : 8 Aug 2016 20:53
Operator : UM/SJ
Sample : H4338-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4V21

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023543.D
Acq On : 8 Aug 2016 20:53
Operator : UM/SJ
Sample : H4338-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

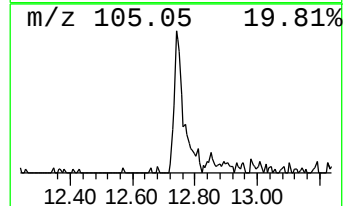
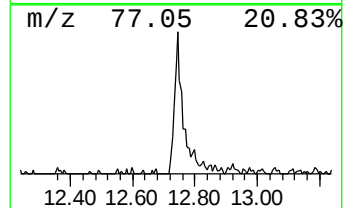
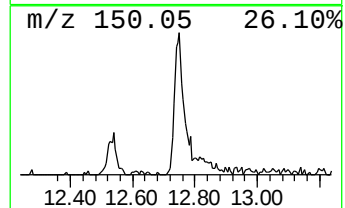
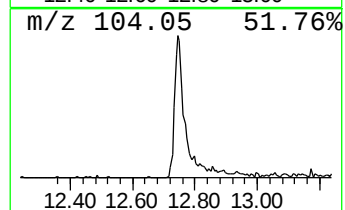
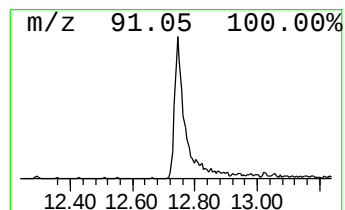
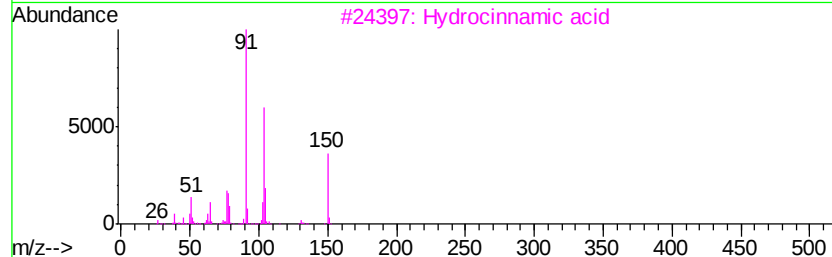
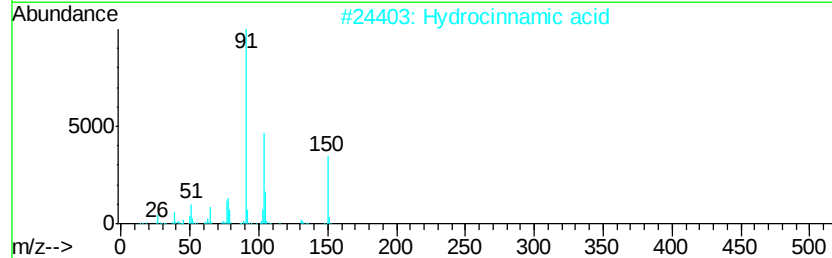
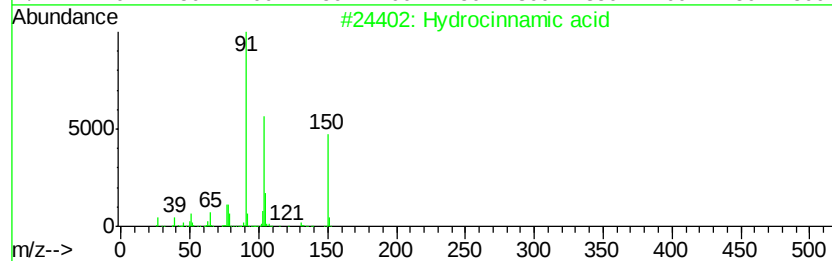
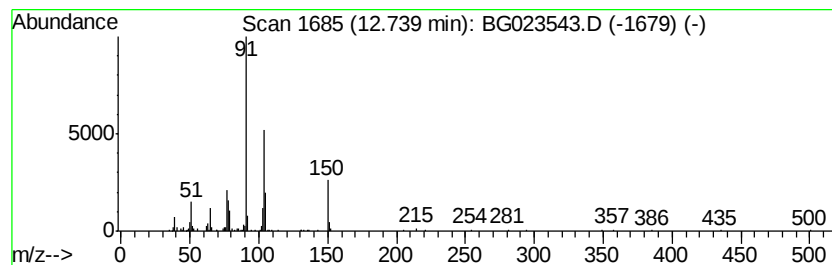
Instrument :
BNA_G
ClientSampleId :
A4V21

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hydrocinnamic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.74	5.19 ng/ul	358495	Naphthalene-d8	10.95		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hydrocinnamic acid	150	C9H10O2	000501-52-0	90
2		Hydrocinnamic acid	150	C9H10O2	000501-52-0	81
3		Hydrocinnamic acid	150	C9H10O2	000501-52-0	81
4		4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	78
5		Cyclopropylphenylmethane	132	C10H12	001667-00-1	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023543.D
Acq On : 8 Aug 2016 20:53
Operator : UM/SJ
Sample : H4338-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4V21

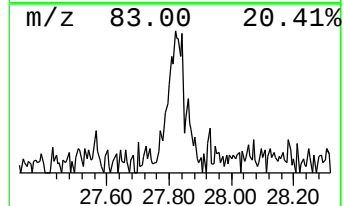
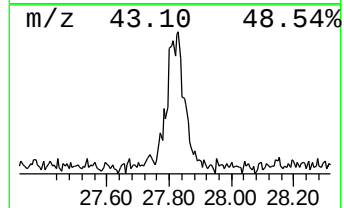
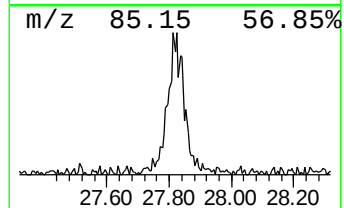
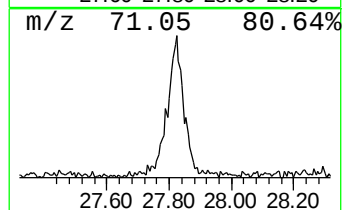
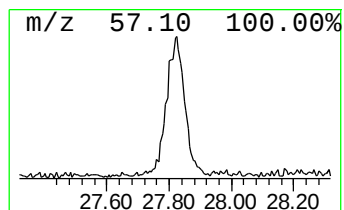
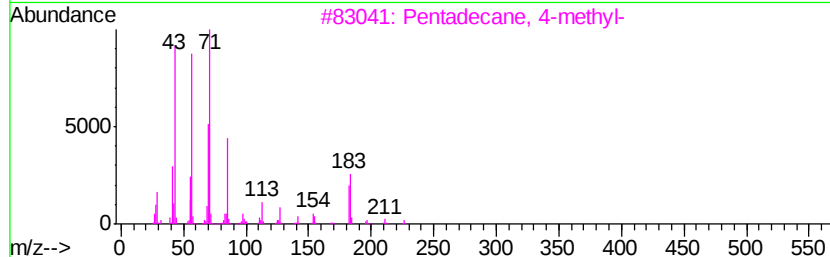
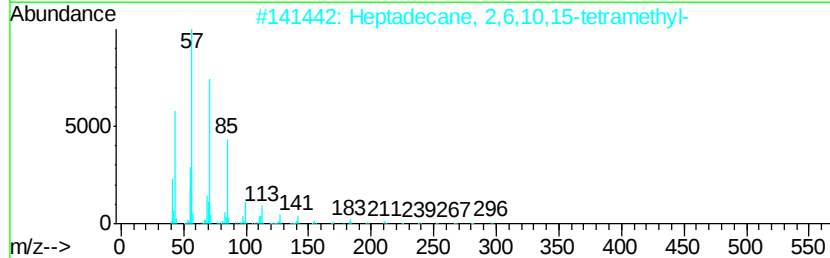
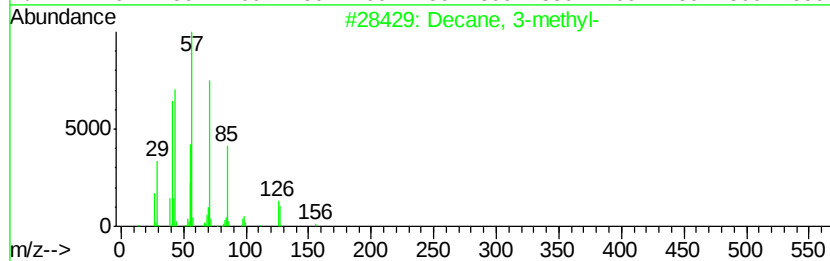
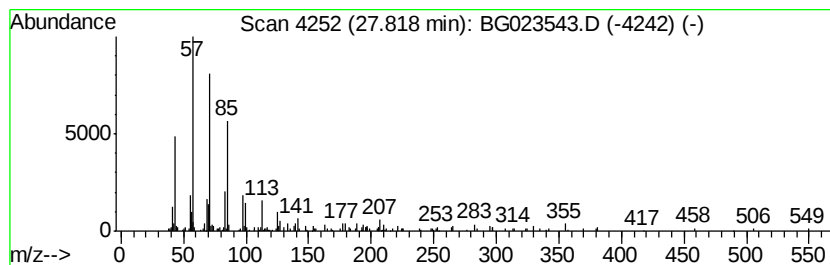
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
27.82	2.34 ng/ul	370104	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	80
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
3		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Tetradecane	198	C14H30	000629-59-4	55



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023543.D
Acq On : 8 Aug 2016 20:53
Operator : UM/SJ
Sample : H4338-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4V21

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hydrocinnamic acid	12.74	5.2	ng/ul	358495	2	10.95	1380940	20.0
(DEL) Alkane: Str...	27.82	2.3	ng/ul	370104	6	25.23	3168580	20.0