

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
 Data File : BG082817.D
 Acq On : 28 Aug 2017 13:58
 Operator : SJ/JU
 Sample : I4905-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0AX9

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-BG080217.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	3.815	33	38	46	rVB3	8783	15195	0.99%	0.097%
2	3.991	67	68	76	rVB5	2136	4983	0.32%	0.032%
3	4.220	106	107	113	rBV6	3877	5962	0.39%	0.038%
4	4.326	120	125	130	rVB5	4733	8107	0.53%	0.052%
5	4.555	156	164	174	rBV	20708	38454	2.50%	0.245%
6	4.743	193	196	204	rVB6	3986	7294	0.47%	0.046%
7	4.908	217	224	227	rVV6	3566	6381	0.41%	0.041%
8	5.436	308	314	321	rBV6	6113	12666	0.82%	0.081%
9	5.983	401	407	419	rVB5	15766	40358	2.62%	0.257%
10	6.347	459	469	474	rBV4	9817	15979	1.04%	0.102%
11	7.011	579	582	589	rVB4	2058	4416	0.29%	0.028%
12	7.487	656	663	678	rBV	176493	353279	22.95%	2.247%
13	7.651	683	691	700	rVB	128979	221651	14.40%	1.410%
14	7.869	721	728	743	rBV	175652	317373	20.62%	2.019%
15	7.986	743	748	750	rBV3	2808	4323	0.28%	0.027%
16	8.339	796	808	817	rBV	134621	240266	15.61%	1.528%
17	9.032	919	926	941	rVV	198103	385155	25.02%	2.450%
18	9.173	941	950	955	rVB5	4514	11607	0.75%	0.074%
19	9.232	955	960	967	rBV4	2426	6744	0.44%	0.043%
20	9.502	997	1006	1018	rBV2	172215	331916	21.56%	2.111%
21	10.231	1121	1130	1141	rBV2	153744	289731	18.82%	1.843%
22	10.454	1162	1168	1176	rBV5	11060	28861	1.87%	0.184%
23	10.771	1213	1222	1235	rBV	222459	435953	28.32%	2.773%
24	11.153	1279	1287	1295	rBV	184806	351866	22.86%	2.238%
25	11.288	1302	1310	1321	rBV	158067	312884	20.33%	1.990%
26	12.123	1446	1452	1458	rBV5	2933	7336	0.48%	0.047%
27	12.475	1508	1512	1516	rBV2	4067	6624	0.43%	0.042%
28	12.710	1549	1552	1559	rBV4	4743	8282	0.54%	0.053%
29	13.215	1630	1638	1647	rBV6	8192	21178	1.38%	0.135%
30	14.261	1810	1816	1821	rVV4	2908	5489	0.36%	0.035%
31	14.338	1821	1829	1833	rVV	451424	683081	44.37%	4.345%
32	14.385	1833	1837	1849	rVB	120095	179906	11.69%	1.144%
33	14.643	1873	1881	1891	rBV	472073	765551	49.73%	4.869%
34	14.796	1900	1907	1911	rVB5	4155	7664	0.50%	0.049%

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35	14.949	1923	1933	1940	rBV2	317411	524634	34.08%	3.337%
36	15.148	1959	1967	1984	rBV	125213	283977	18.45%	1.806%
37	15.348	1996	2001	2007	rVB4	18929	31580	2.05%	0.201%
38	15.501	2020	2027	2033	rVB7	2272	5608	0.36%	0.036%
39	15.748	2064	2069	2074	rVB4	13195	18679	1.21%	0.119%
40	15.871	2086	2090	2094	rVB5	3274	4486	0.29%	0.029%
41	15.936	2094	2101	2108	rBV	639076	1005360	65.31%	6.394%
42	15.989	2108	2110	2115	rVV3	5592	8772	0.57%	0.056%
43	16.059	2115	2122	2131	rVV	194484	318970	20.72%	2.029%
44	16.177	2131	2142	2149	rVB8	8517	30747	2.00%	0.196%
45	16.235	2149	2152	2157	rBV4	2383	4663	0.30%	0.030%
46	16.294	2160	2162	2167	rVB4	3853	5656	0.37%	0.036%
47	16.371	2172	2175	2180	rVB2	3656	5089	0.33%	0.032%
48	16.423	2180	2184	2186	rBV3	4023	5286	0.34%	0.034%
49	16.559	2204	2207	2211	rBV5	2562	4490	0.29%	0.029%
50	16.606	2211	2215	2224	rBV4	15988	35272	2.29%	0.224%
51	16.805	2242	2249	2253	rBV5	2984	7333	0.48%	0.047%
52	16.964	2269	2276	2281	rBV5	6533	17540	1.14%	0.112%
53	17.011	2281	2284	2286	rVB4	5490	5278	0.34%	0.034%
54	17.070	2290	2294	2300	rVB4	2952	4437	0.29%	0.028%
55	17.134	2304	2305	2309	rBV2	3623	4709	0.31%	0.030%
56	17.211	2316	2318	2323	rBV4	4504	6589	0.43%	0.042%
57	17.352	2338	2342	2346	rBV3	6569	10209	0.66%	0.065%
58	17.405	2346	2351	2357	rBV5	12796	19833	1.29%	0.126%
59	17.698	2393	2401	2406	rBV	434553	690966	44.89%	4.395%
60	17.740	2406	2408	2412	rVV	71699	84772	5.51%	0.539%
61	17.798	2412	2418	2428	rVV	724551	1122276	72.90%	7.138%
62	17.863	2428	2429	2438	rVB7	6261	8424	0.55%	0.054%
63	17.951	2440	2444	2451	rVB4	3566	7709	0.50%	0.049%
64	18.016	2451	2455	2458	rBV4	3864	4877	0.32%	0.031%
65	18.104	2466	2470	2473	rBV4	3280	5358	0.35%	0.034%
66	18.280	2495	2500	2503	rBV6	2936	5317	0.35%	0.034%
67	18.544	2540	2545	2554	rBV6	45582	102300	6.65%	0.651%
68	18.615	2554	2557	2563	rVB3	25674	39230	2.55%	0.250%
69	18.691	2566	2570	2576	rVB7	7082	15332	1.00%	0.098%
70	18.762	2576	2582	2586	rBV6	15629	37918	2.46%	0.241%
71	18.874	2596	2601	2603	rBV5	4360	8263	0.54%	0.053%

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72	18.932	2606	2611	2612	rBV4	3941	6063	0.39%	0.039%
73	19.056	2627	2632	2638	rBV5	12282	22950	1.49%	0.146%
74	19.114	2638	2642	2648	rVB8	13965	21622	1.40%	0.138%
75	19.467	2695	2702	2708	rBV9	15236	33591	2.18%	0.214%
76	19.514	2709	2710	2714	rVB4	4927	6131	0.40%	0.039%
77	19.614	2723	2727	2736	rVB9	9963	20386	1.32%	0.130%
78	19.737	2738	2748	2755	rBV	118616	193889	12.60%	1.233%
79	19.802	2757	2759	2768	rVB10	10407	25418	1.65%	0.162%
80	19.890	2771	2774	2777	rVB5	4905	6758	0.44%	0.043%
81	19.931	2778	2781	2782	rBV3	4949	5501	0.36%	0.035%
82	19.966	2785	2787	2794	rVB5	9320	12263	0.80%	0.078%
83	20.072	2798	2805	2817	rBV2	965942	1539389	100.00%	9.791%
84	20.166	2817	2821	2824	rVV5	10201	13176	0.86%	0.084%
85	20.266	2836	2838	2844	rVB6	8787	11180	0.73%	0.071%
86	20.548	2881	2886	2888	rBV6	17479	24878	1.62%	0.158%
87	20.689	2906	2910	2913	rBV6	10681	18023	1.17%	0.115%
88	20.889	2941	2944	2949	rBV6	10228	14677	0.95%	0.093%
89	20.942	2949	2953	2958	rVV7	10885	15642	1.02%	0.099%
90	21.376	3024	3027	3037	rVB4	29725	55493	3.60%	0.353%
91	21.611	3061	3067	3073	rVB4	20970	53818	3.50%	0.342%
92	21.858	3105	3109	3120	rVB2	33186	59608	3.87%	0.379%
93	22.029	3128	3138	3144	rBV	492260	1002869	65.15%	6.378%
94	24.438	3537	3548	3564	rVB3	53109	225457	14.65%	1.434%
95	25.295	3682	3694	3714	rVB2	442641	1476010	95.88%	9.388%
96	25.536	3717	3735	3756	rVB2	255066	901354	58.55%	5.733%
97	26.694	3925	3932	3946	rVB5	38034	118795	7.72%	0.756%
98	27.035	3989	3990	4000	rVB10	12090	24906	1.62%	0.158%
99	28.157	4173	4181	4195	rVB5	31238	128798	8.37%	0.819%
100	29.931	4476	4483	4487	rBV7	18838	45645	2.97%	0.290%

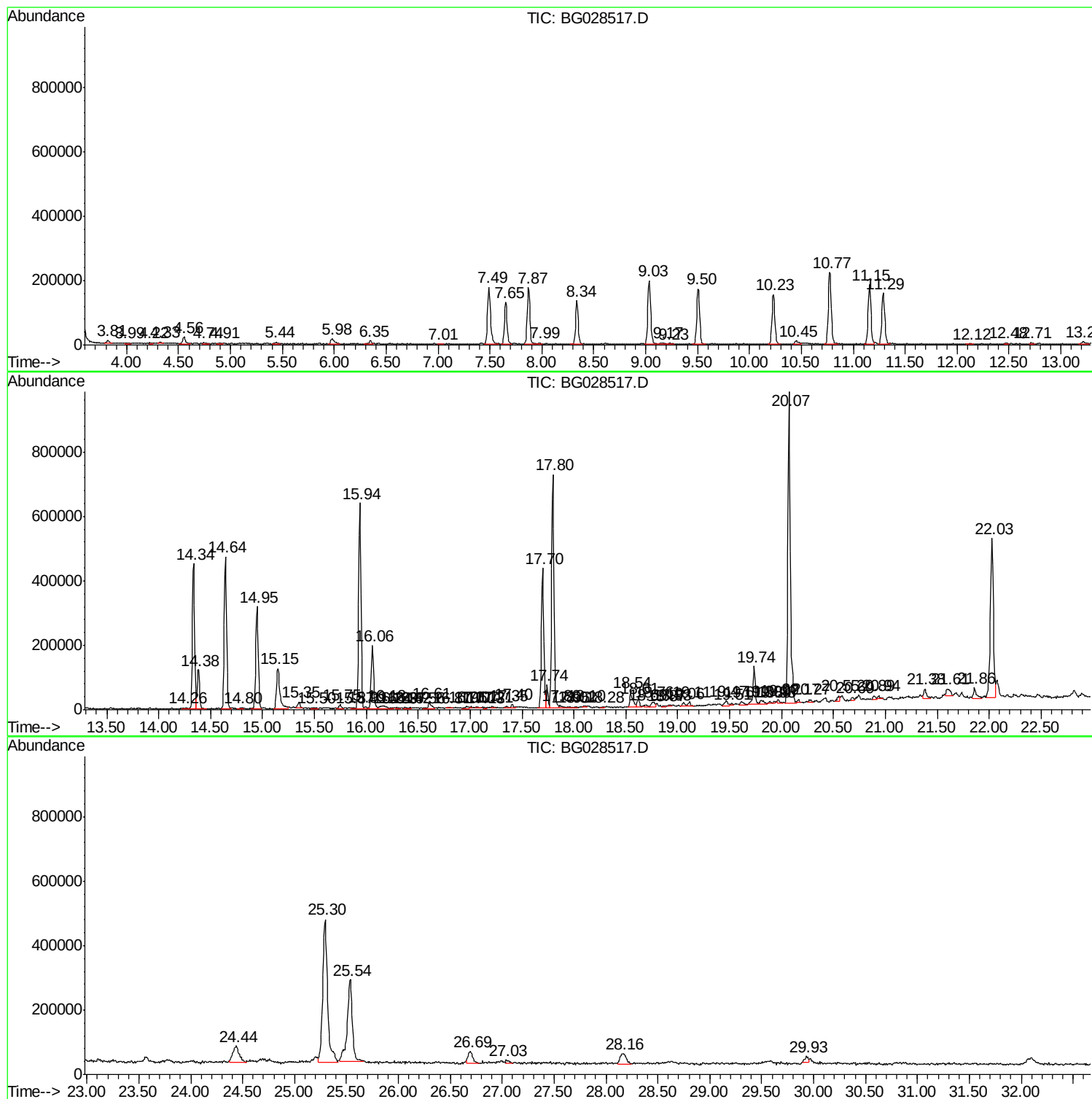
Sum of corrected areas: 15722744

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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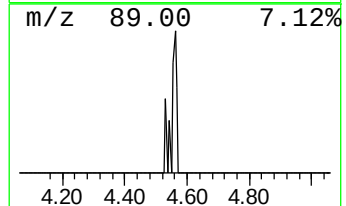
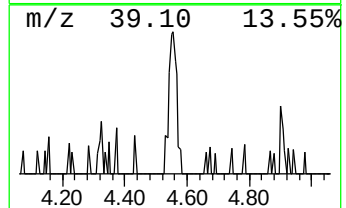
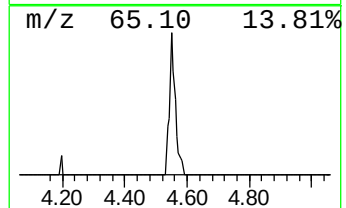
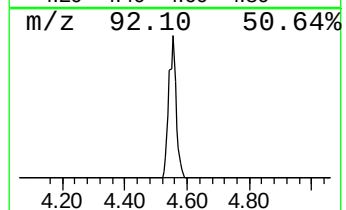
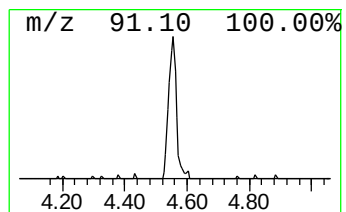
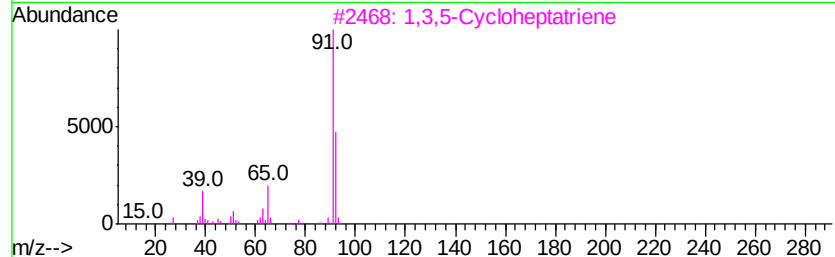
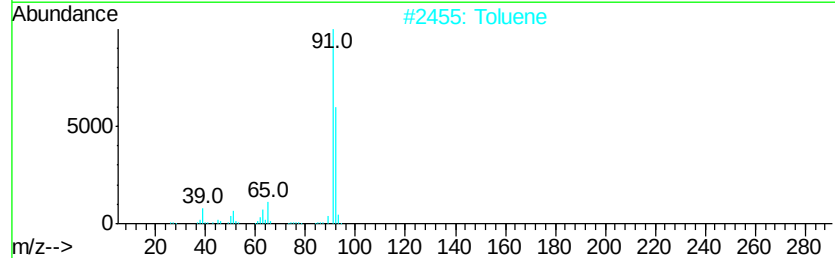
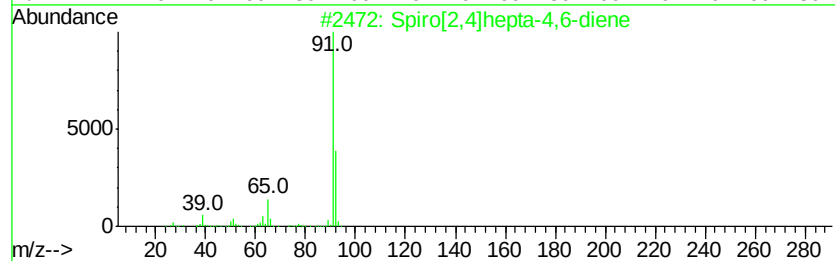
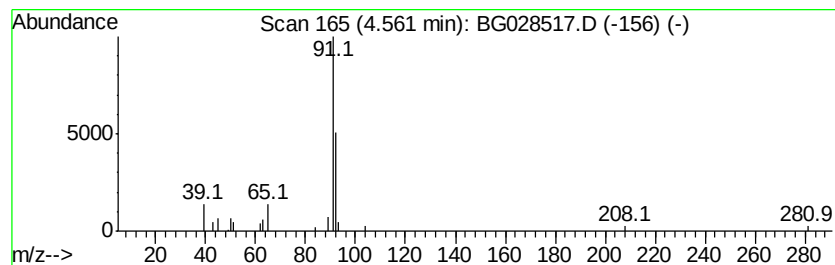
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Spiro[2,4]hepta-4,6-diene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	3.20 ng/ul	38454	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	72
2		Toluene	92	C7H8	000108-88-3	72
3		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	72
4		Toluene	92	C7H8	000108-88-3	72
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	64



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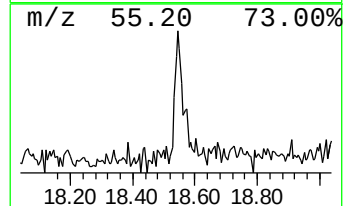
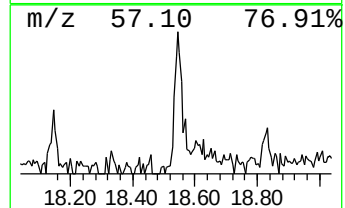
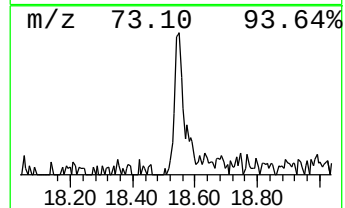
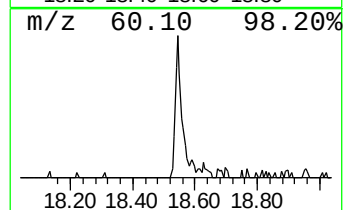
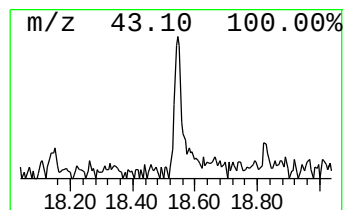
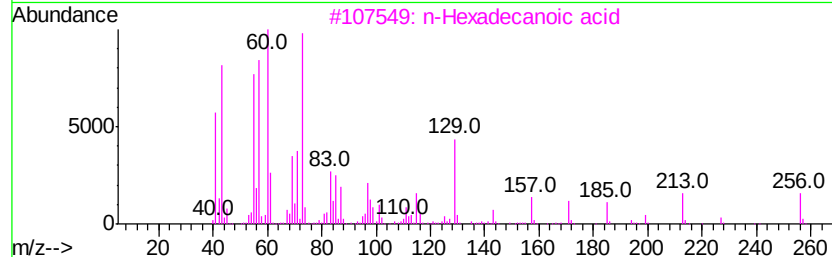
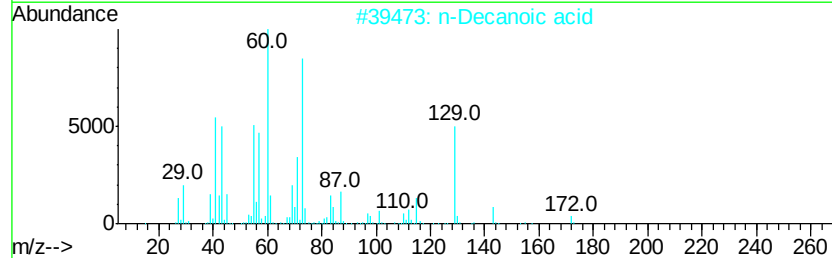
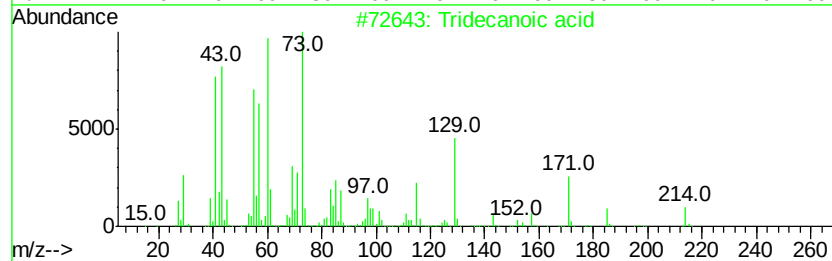
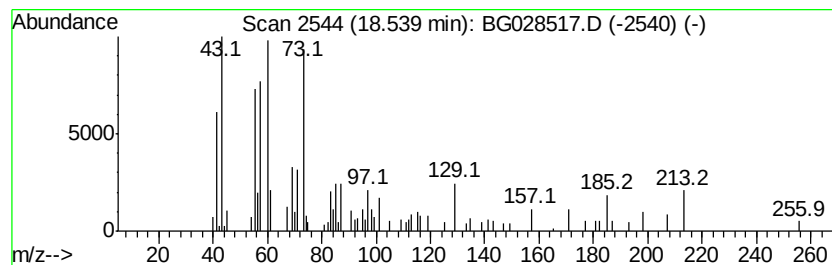
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.54	2.96 ng/ul	102300	Phenanthrene-d10		17.70		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanoic acid	214	C13H26O2	000638-53-9	91
2			n-Decanoic acid	172	C10H20O2	000334-48-5	76
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
4			Tridecanoic acid	214	C13H26O2	000638-53-9	58
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



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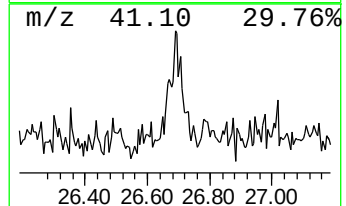
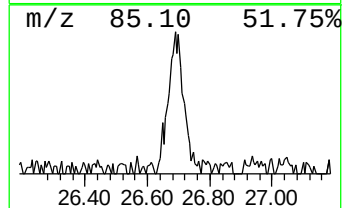
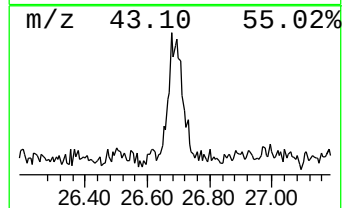
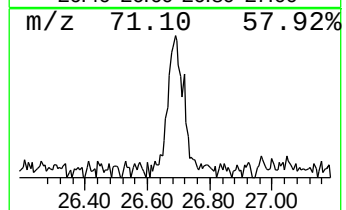
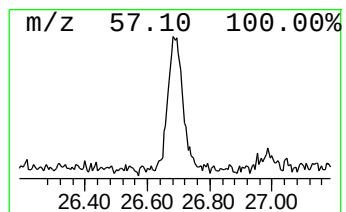
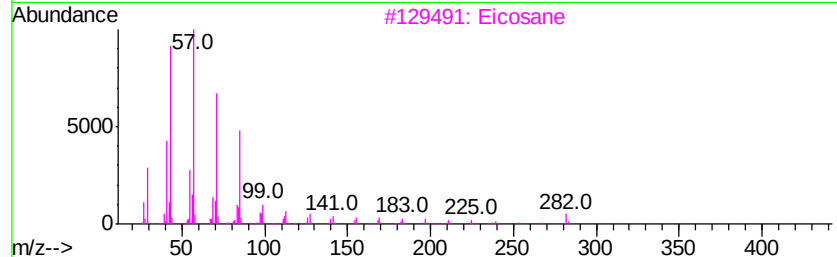
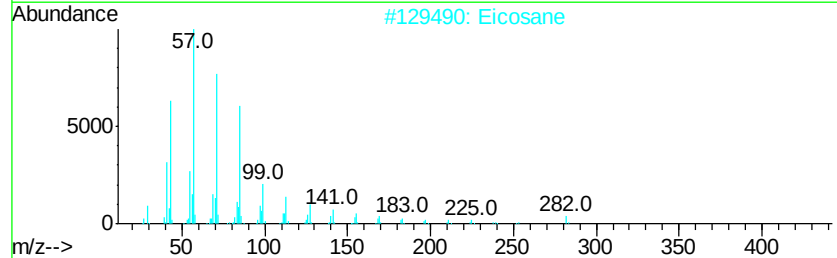
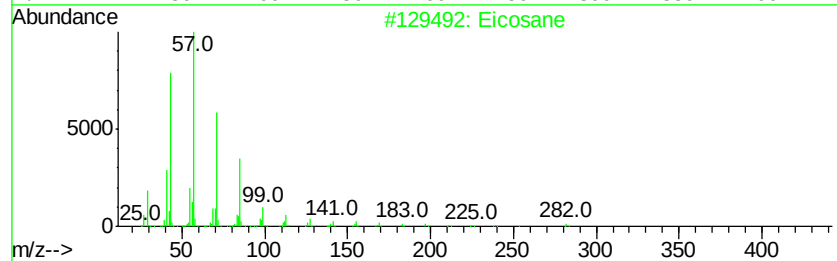
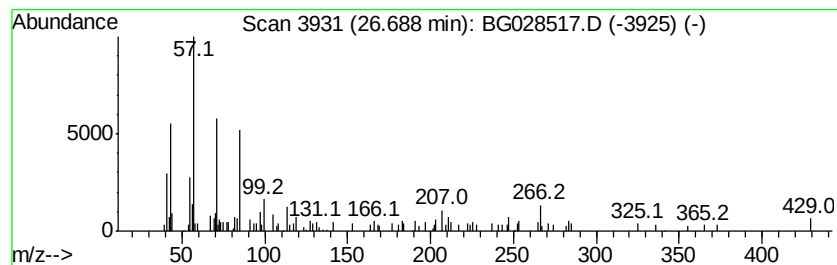
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.69	2.64 ng/ul	118795	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	83
2		Eicosane	282	C20H42	000112-95-8	64
3		Eicosane	282	C20H42	000112-95-8	64
4		Pentadecane	212	C15H32	000629-62-9	58
5		Pentadecane	212	C15H32	000629-62-9	58



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Sample : I4905-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AX9

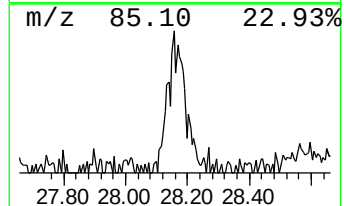
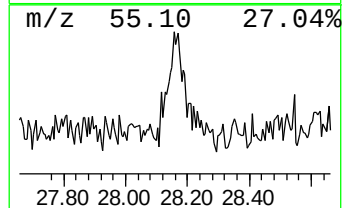
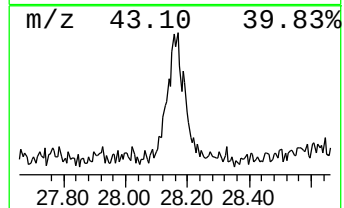
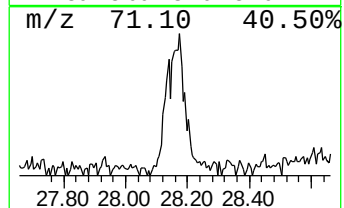
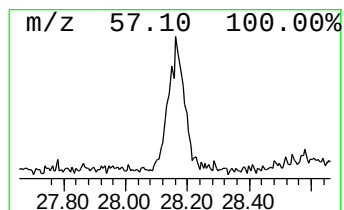
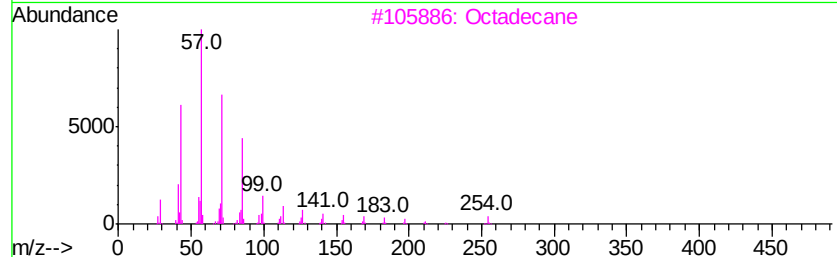
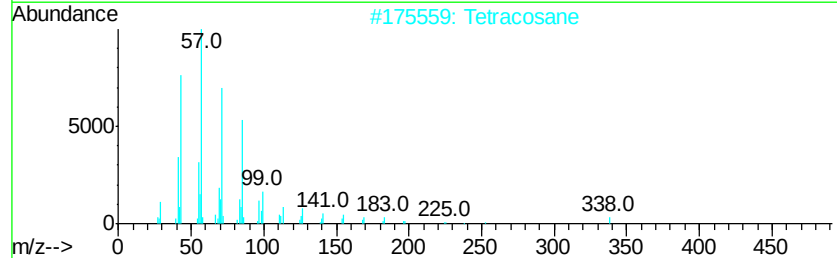
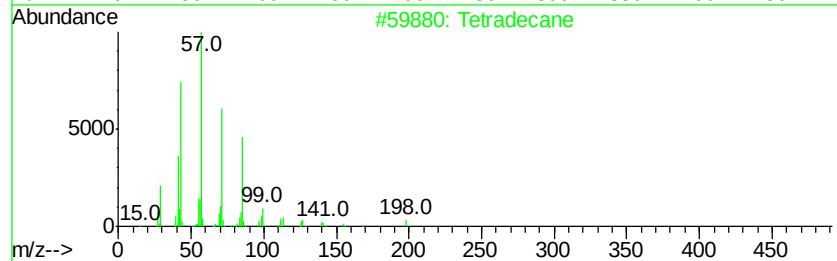
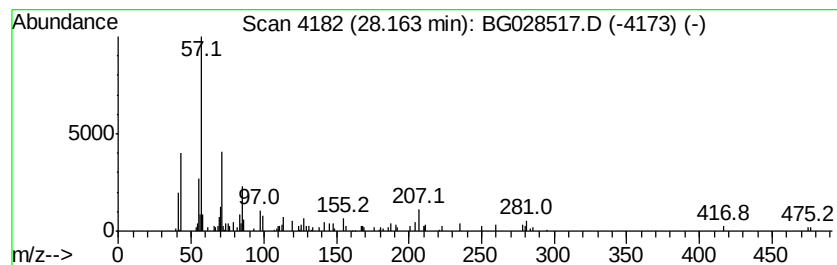
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	2.86 ng/ul	128798	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	60
2			Tetracosane	338	C24H50	000646-31-1	53
3			Octadecane	254	C18H38	000593-45-3	49
4			Heptadecane	240	C17H36	000629-78-7	49
5			Heptadecane	240	C17H36	000629-78-7	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082817\
Data File : BG028517.D
Acq On : 28 Aug 2017 13:58
Operator : SJ/JU
Sample : I4905-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AX9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
Spiro[2,4]hepta-4...	4.56	3.2	ng/ul	38454	1	8.34	240266	20.0
Tridecanoic acid	18.54	3.0	ng/ul	102300	4	17.70	690966	20.0
(DEL) Alkane: Str...	26.69	2.6	ng/ul	118795	6	25.53	901354	20.0
(DEL) Alkane: Str...	28.16	2.9	ng/ul	128798	6	25.53	901354	20.0