

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
 Data File : BM003043.D
 Acq On : 02 Nov 2015 00:25
 Operator : UM/IZ
 Sample : G4210-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC768

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_M\METHODS\SOM02.2-EPA-BM103015.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	3.228	20	24	32	rVB	26749	34187	1.27%	0.087%
2	3.652	92	96	103	rVB	20114	24810	0.92%	0.063%
3	3.752	107	113	120	rVV	94609	125808	4.68%	0.319%
4	3.822	120	125	130	rVB	14759	20996	0.78%	0.053%
5	4.522	240	244	248	rVB	9470	13774	0.51%	0.035%
6	4.881	300	305	312	rVB3	23094	38792	1.44%	0.098%
7	4.969	315	320	325	rVB	12467	17817	0.66%	0.045%
8	6.928	644	653	664	rBV	484486	793019	29.53%	2.011%
9	7.098	676	682	690	rBV	399925	602490	22.44%	1.528%
10	7.298	708	716	725	rBV	503107	798006	29.72%	2.024%
11	7.763	788	795	803	rVV	584109	943897	35.15%	2.394%
12	8.463	907	914	921	rBV	488444	752457	28.02%	1.909%
13	8.922	985	992	1002	rBV	442644	711763	26.50%	1.805%
14	9.022	1002	1009	1013	rBV	13154	19490	0.73%	0.049%
15	9.640	1107	1114	1122	rBV	346159	561462	20.91%	1.424%
16	9.857	1146	1151	1159	rVB2	16565	26271	0.98%	0.067%
17	10.175	1197	1205	1213	rVB	622097	1020807	38.01%	2.589%
18	10.557	1262	1270	1276	rBV	827292	1406563	52.38%	3.568%
19	10.604	1276	1278	1284	rVB	24060	33256	1.24%	0.084%
20	10.692	1284	1293	1306	rBV	352413	599595	22.33%	1.521%
21	12.145	1535	1540	1546	rBV	9142	13607	0.51%	0.035%
22	12.222	1546	1553	1559	rVB	18947	28442	1.06%	0.072%
23	12.439	1584	1590	1595	rBV	12162	19206	0.72%	0.049%
24	12.669	1624	1629	1634	rBV	10518	16746	0.62%	0.042%
25	12.763	1640	1645	1650	rVB	11888	16942	0.63%	0.043%
26	13.016	1683	1688	1694	rBV2	19464	29364	1.09%	0.074%
27	13.233	1719	1725	1731	rBV4	11736	19672	0.73%	0.050%
28	13.727	1803	1809	1814	rBV	14566	23202	0.86%	0.059%
29	13.816	1819	1824	1828	rVV	1074583	1494167	55.64%	3.790%
30	13.863	1828	1832	1842	rVB	758862	1016401	37.85%	2.578%
31	14.098	1866	1872	1883	rVB	1211189	1807698	67.31%	4.585%
32	14.245	1893	1897	1903	rVB6	8108	13841	0.52%	0.035%
33	14.310	1903	1908	1913	rBV	57513	76349	2.84%	0.194%
34	14.410	1916	1925	1932	rVV2	1106978	1706444	63.54%	4.328%

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 Title : SVOA CALIBRATION

35	14.474	1932	1936	1942	rVB	49083	70167	2.61%	0.178%
36	14.592	1950	1956	1963	rBV	381076	524627	19.54%	1.331%
37	14.751	1975	1983	1988	rBV5	20960	42093	1.57%	0.107%
38	14.827	1988	1996	2001	rBV2	147339	246249	9.17%	0.625%
39	14.933	2010	2014	2018	rVB2	16167	22421	0.83%	0.057%
40	15.074	2034	2038	2042	rVB4	8620	11893	0.44%	0.030%
41	15.204	2056	2060	2066	rBV3	13173	26119	0.97%	0.066%
42	15.263	2066	2070	2076	rVB	85986	107361	4.00%	0.272%
43	15.404	2087	2094	2099	rBV	1477053	2204720	82.10%	5.592%
44	15.457	2099	2103	2108	rVB	71628	90238	3.36%	0.229%
45	15.516	2108	2113	2120	rBV	285936	386961	14.41%	0.981%
46	15.645	2127	2135	2137	rBV5	26601	55254	2.06%	0.140%
47	15.751	2149	2153	2159	rVB2	21958	42010	1.56%	0.107%
48	15.821	2161	2165	2172	rBV7	14129	27041	1.01%	0.069%
49	15.892	2172	2177	2187	rBV3	25394	51690	1.92%	0.131%
50	16.127	2213	2217	2225	rBV	96866	178005	6.63%	0.451%
51	16.304	2243	2247	2252	rVB3	16415	22354	0.83%	0.057%
52	16.463	2267	2274	2279	rBV6	24185	53752	2.00%	0.136%
53	16.504	2279	2281	2283	rVV3	12177	13007	0.48%	0.033%
54	16.551	2286	2289	2297	rVB4	48451	70849	2.64%	0.180%
55	16.698	2310	2314	2317	rBV3	27122	34956	1.30%	0.089%
56	16.810	2329	2333	2341	rVB2	30596	48174	1.79%	0.122%
57	16.915	2348	2351	2356	rVV2	49887	60693	2.26%	0.154%
58	16.968	2356	2360	2369	rVB	57211	99963	3.72%	0.254%
59	17.151	2385	2391	2395	rBV2	1179189	1746428	65.03%	4.430%
60	17.192	2395	2398	2403	rVB	593953	785256	29.24%	1.992%
61	17.251	2403	2408	2412	rBV2	1501463	2100102	78.20%	5.327%
62	17.345	2419	2424	2428	rVB3	23599	36499	1.36%	0.093%
63	17.439	2437	2440	2446	rVB	19873	30946	1.15%	0.078%
64	17.551	2452	2459	2466	rBV2	59296	106823	3.98%	0.271%
65	17.657	2473	2477	2485	rBV4	19232	33902	1.26%	0.086%
66	17.733	2486	2490	2493	rVV4	12772	20784	0.77%	0.053%
67	17.762	2493	2495	2500	rVB5	13685	16271	0.61%	0.041%
68	18.045	2536	2543	2546	rBV2	151531	284643	10.60%	0.722%
69	18.074	2546	2548	2553	rVB	100263	117086	4.36%	0.297%
70	18.157	2559	2562	2566	rVB	27206	36400	1.36%	0.092%
71	18.221	2568	2573	2577	rBV3	94273	168713	6.28%	0.428%

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72	18.533	2622	2626	2629	rBV	51414	70232	2.62%	0.178%
73	18.568	2629	2632	2639	rVB2	43507	65050	2.42%	0.165%
74	18.780	2665	2668	2672	rVB3	17182	20148	0.75%	0.051%
75	18.909	2686	2690	2692	rBV3	19339	27709	1.03%	0.070%
76	18.945	2693	2696	2700	rVV	38691	54906	2.04%	0.139%
77	19.086	2717	2720	2728	rBV4	25831	47862	1.78%	0.121%
78	19.209	2734	2741	2748	rVB	922003	1319379	49.13%	3.346%
79	19.274	2749	2752	2756	rBV3	33678	41773	1.56%	0.106%
80	19.333	2758	2762	2771	rVB2	104426	171024	6.37%	0.434%
81	19.551	2793	2799	2802	rBV	1726288	2685455	100.00%	6.811%
82	19.574	2802	2803	2811	rVV	749688	737526	27.46%	1.871%
83	19.645	2813	2815	2821	rVB2	41719	62105	2.31%	0.158%
84	19.756	2831	2834	2839	rVB	41790	58061	2.16%	0.147%
85	19.892	2854	2857	2860	rBV2	47646	83222	3.10%	0.211%
86	20.074	2884	2888	2891	rVB	102824	132066	4.92%	0.335%
87	20.174	2902	2905	2908	rVB	62299	69767	2.60%	0.177%
88	20.821	3012	3015	3021	rVB	59264	81870	3.05%	0.208%
89	20.992	3041	3044	3048	rBV2	166315	193300	7.20%	0.490%
90	21.056	3052	3055	3062	rVB4	134187	203191	7.57%	0.515%
91	21.198	3075	3079	3086	rBV3	121220	216416	8.06%	0.549%
92	21.256	3087	3089	3093	rVV2	83922	92949	3.46%	0.236%
93	21.339	3096	3103	3107	rVV2	1533315	2507758	93.38%	6.361%
94	21.374	3107	3109	3117	rVB	381868	498803	18.57%	1.265%
95	21.498	3127	3130	3134	rVB	69856	81989	3.05%	0.208%
96	22.115	3231	3235	3243	rVB	354309	521517	19.42%	1.323%
97	22.927	3368	3373	3377	rBV2	358051	744693	27.73%	1.889%
98	23.415	3451	3456	3459	rBV	169889	313973	11.69%	0.796%
99	23.462	3459	3464	3469	rVV	1030100	1844707	68.69%	4.679%
100	23.609	3483	3489	3495	rBV2	897042	1677138	62.45%	4.254%

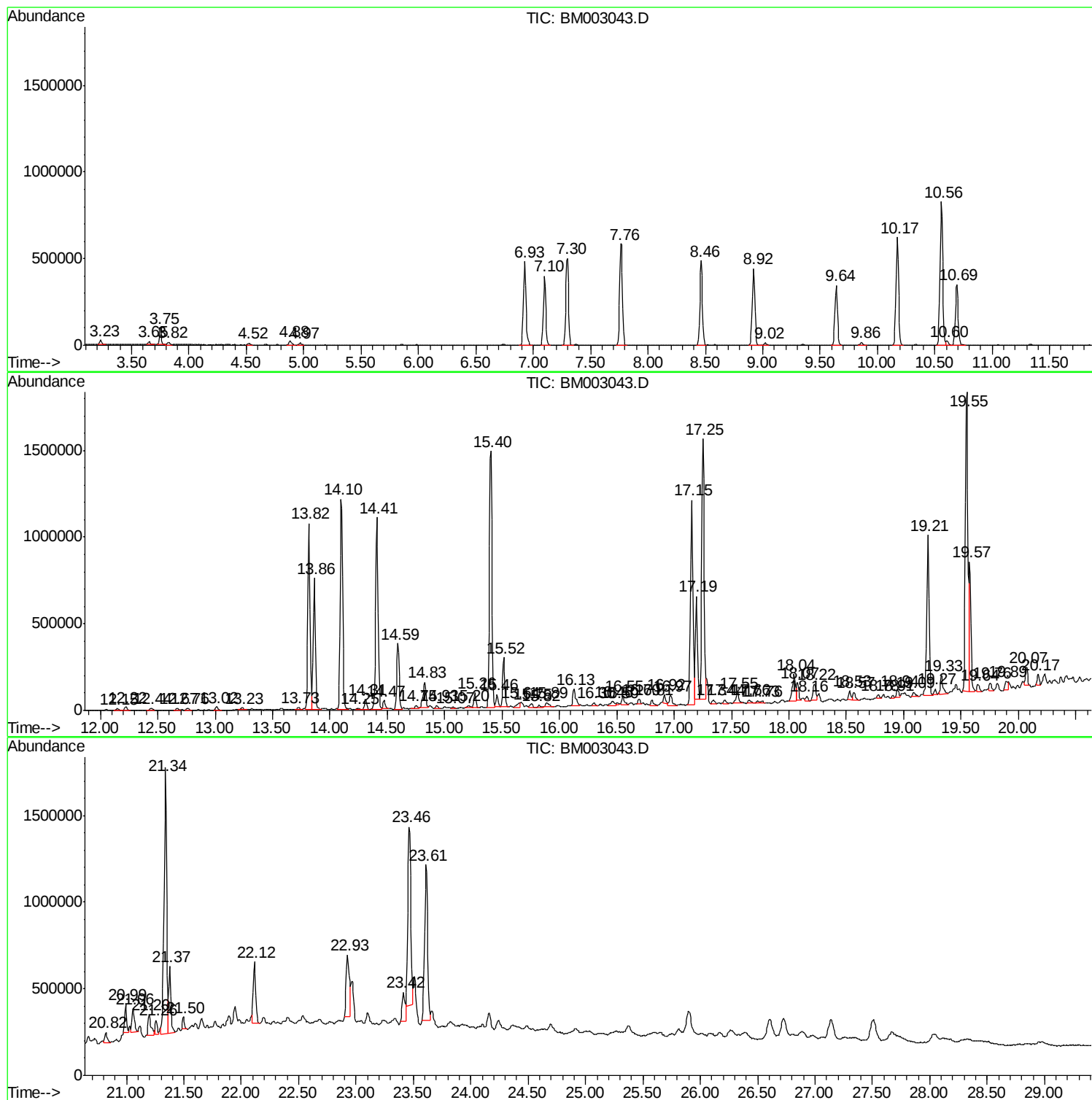
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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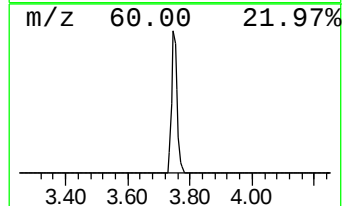
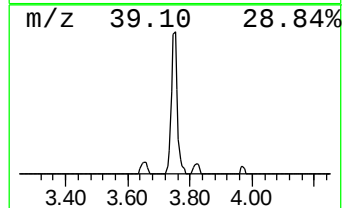
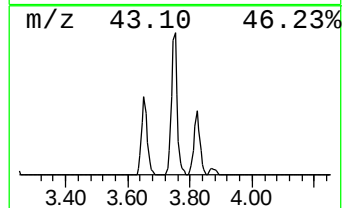
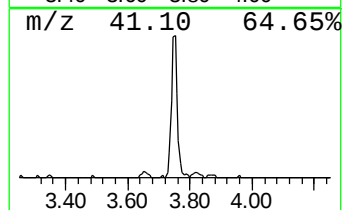
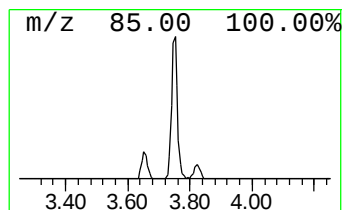
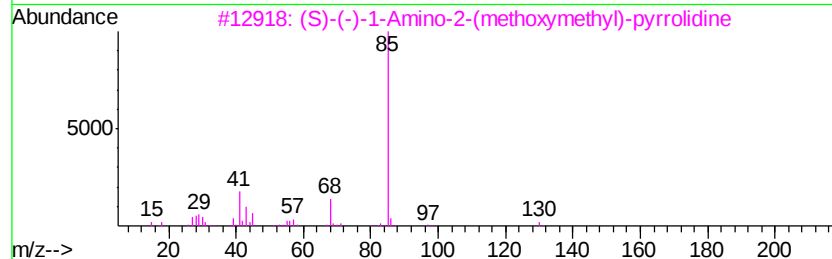
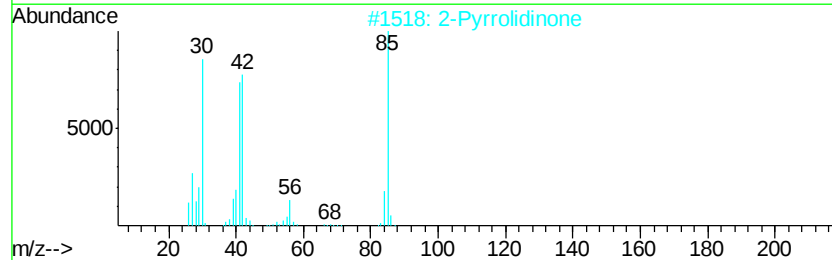
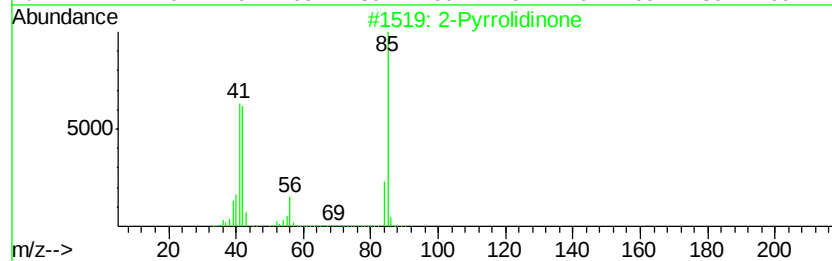
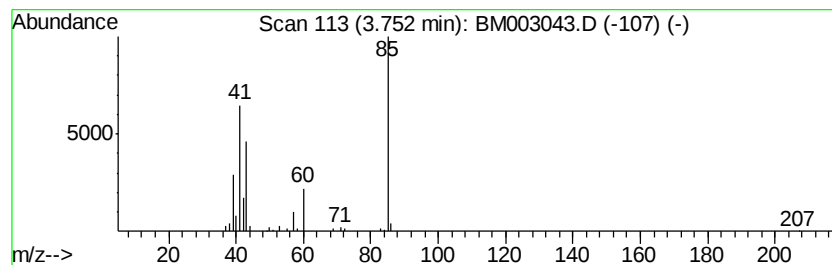
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	2.67 ng/ul	125808	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	42
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	38
3		(S)-(-)-1-Amino-2-(methoxymethyl)...	130	C6H14N2O	059983-39-0	25
4		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
5		Butane, 1-isocyano-	83	C5H9N	002769-64-4	9



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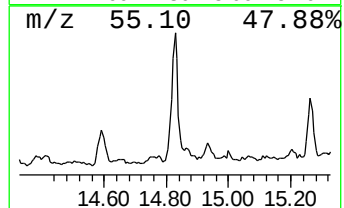
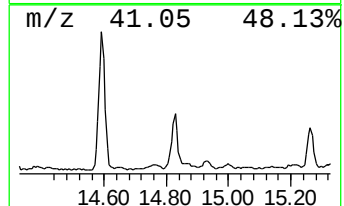
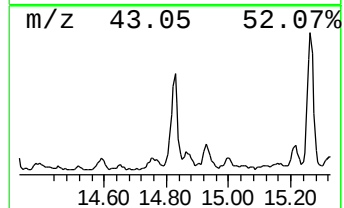
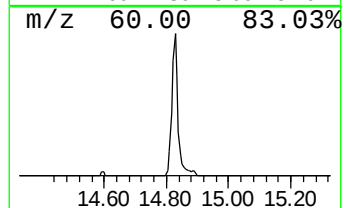
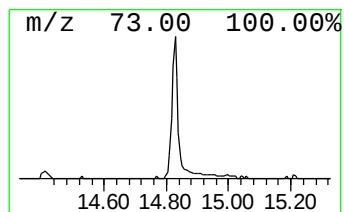
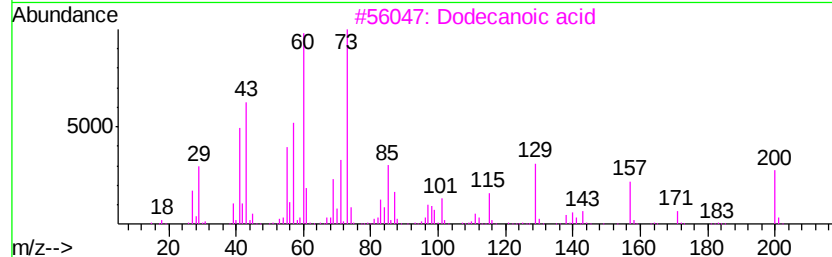
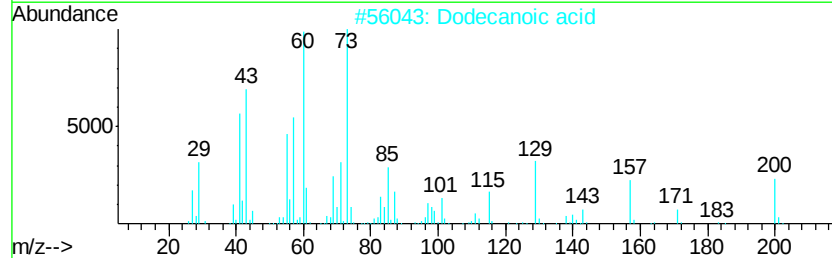
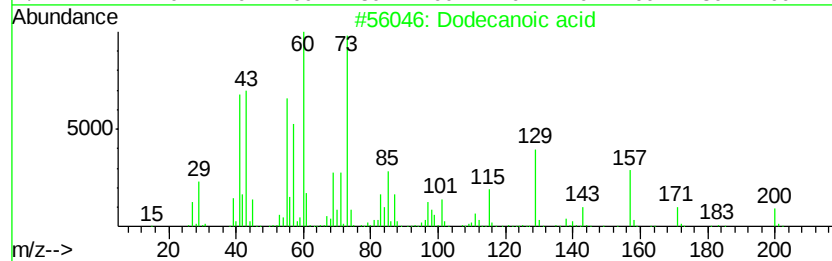
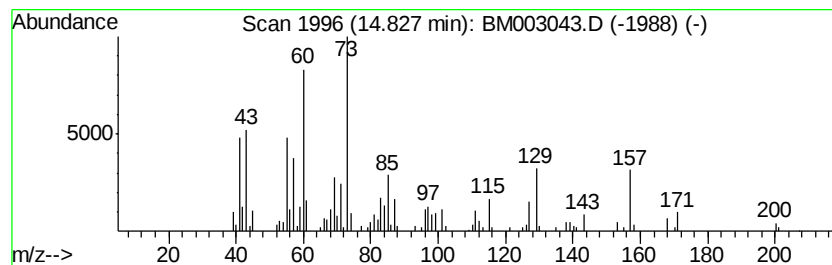
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.89 ng/ul	246249	Acenaphthene-d10	14.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	96
2		Dodecanoic acid	200	C12H24O2	000143-07-7	80
3		Dodecanoic acid	200	C12H24O2	000143-07-7	72
4		Nonanoic acid	158	C9H18O2	000112-05-0	52
5		Dodecanoic acid	200	C12H24O2	000143-07-7	50



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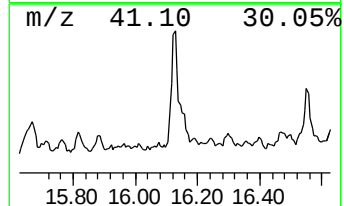
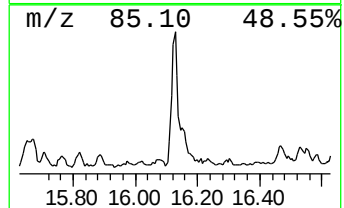
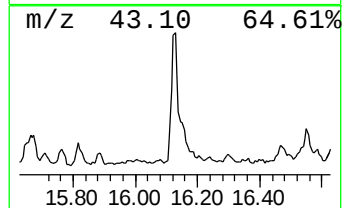
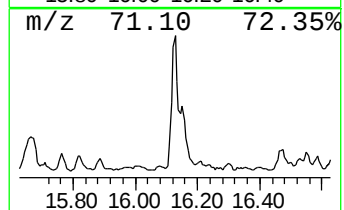
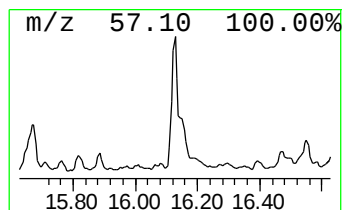
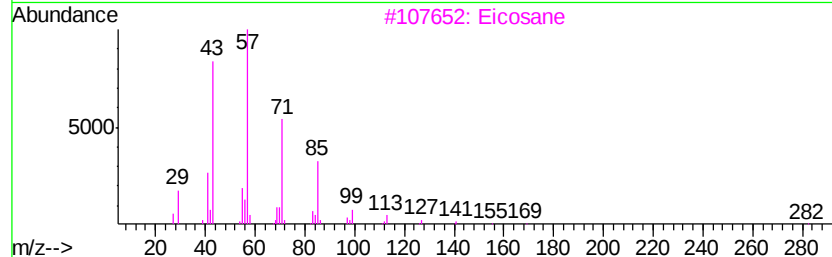
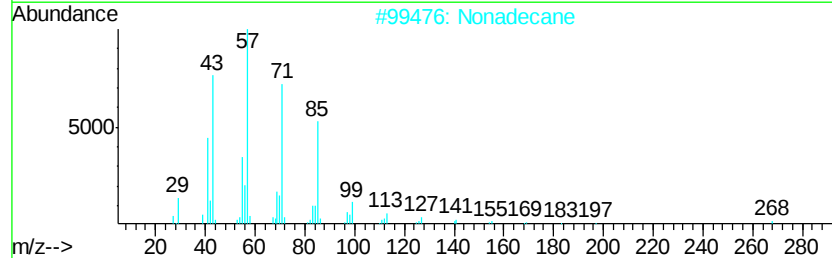
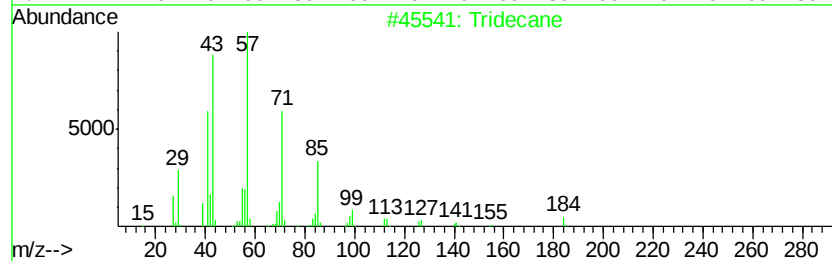
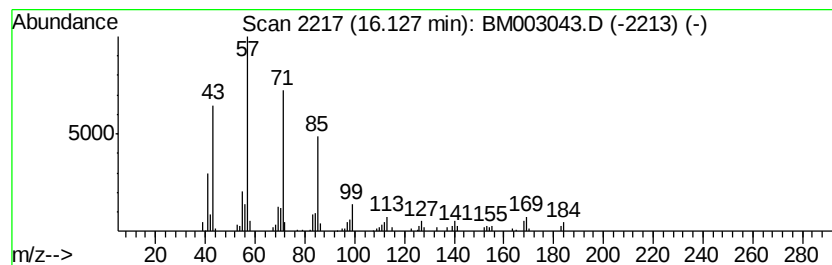
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TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.04 ng/ul	178005	Phenanthrene-d10	17.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Nonadecane	268	C19H40	000629-92-5	87
3		Eicosane	282	C20H42	000112-95-8	83
4		Eicosane	282	C20H42	000112-95-8	83
5		Heptadecane	240	C17H36	000629-78-7	83



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Operator : UM/IZ
Sample : G4210-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

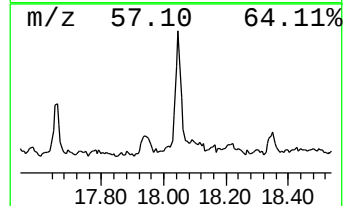
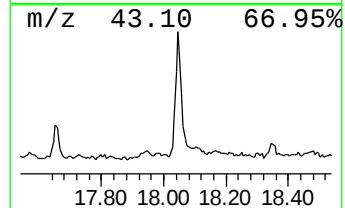
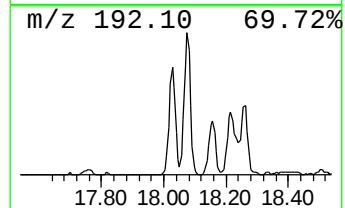
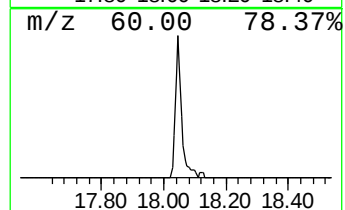
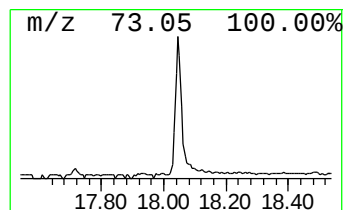
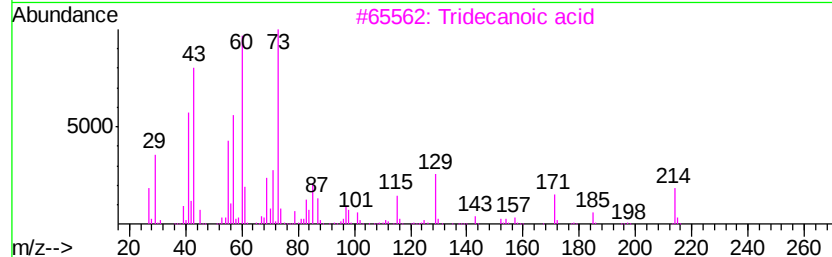
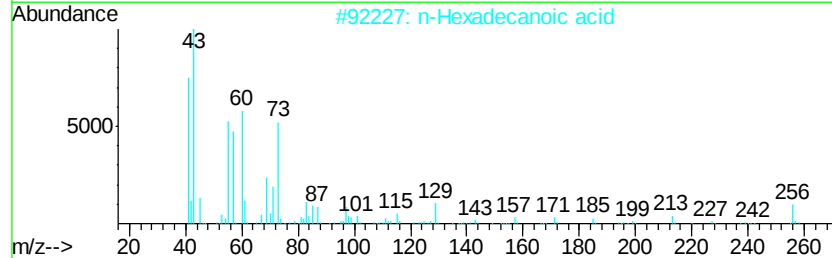
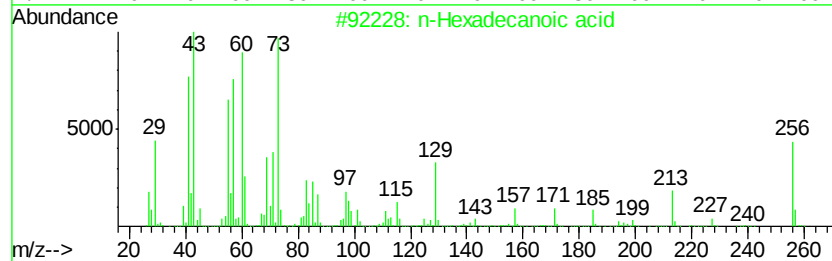
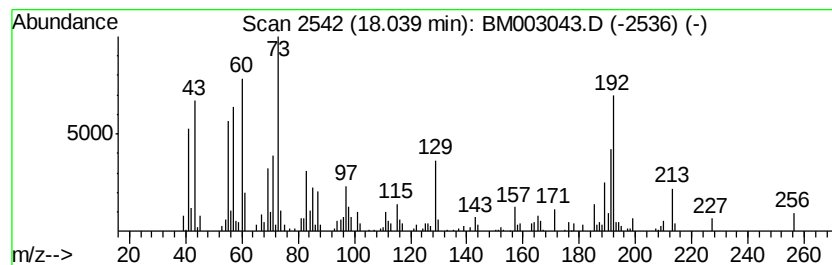
Instrument :
BNA_M
ClientSampleId :
BC768

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.04	3.26 ng/ul	284643	Phenanthrene-d10		17.15	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	93
4	Tridecanoic acid		214	C13H26O2	000638-53-9	93
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003043.D
Acq On : 02 Nov 2015 00:25
Operator : UM/IZ
Sample : G4210-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC768

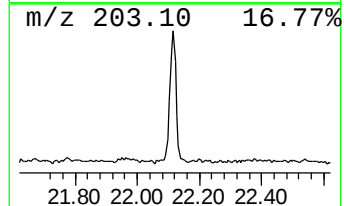
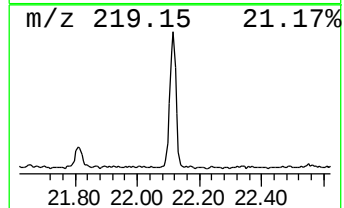
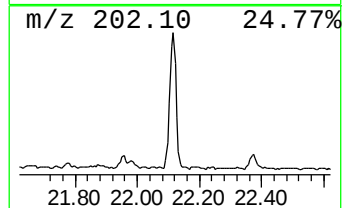
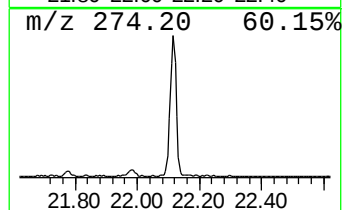
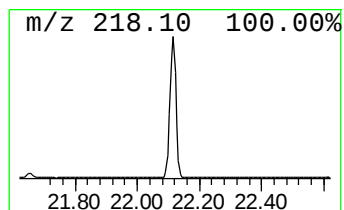
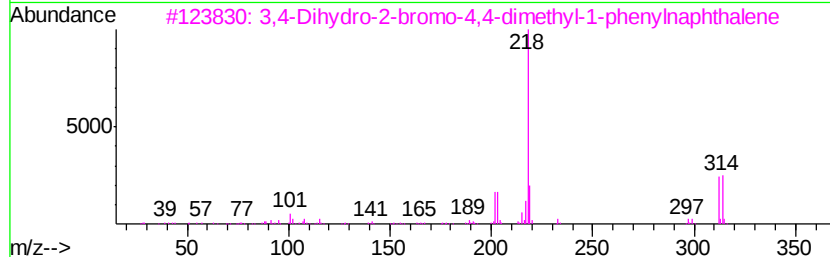
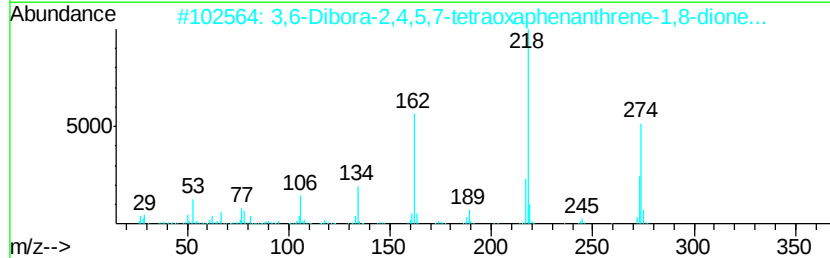
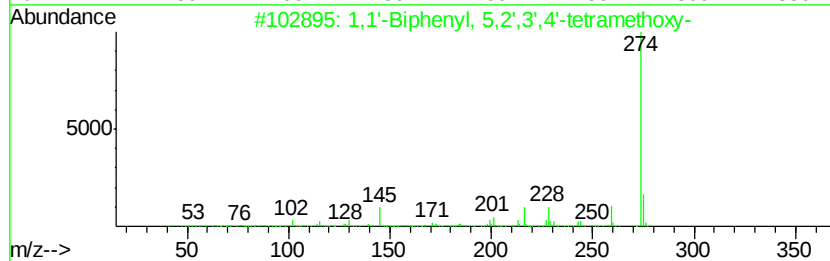
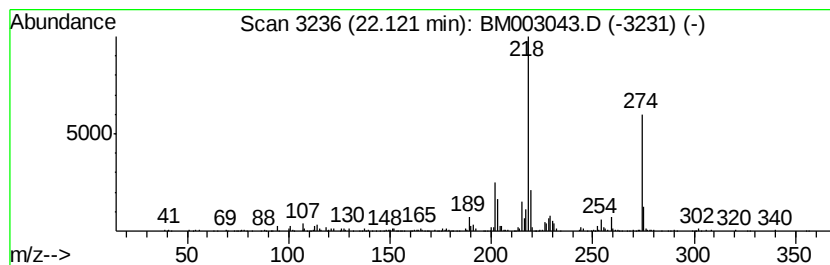
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 5,2',3',4'-t... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	4.16 ng/ul	521517	Chrysene-d12	21.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 5,2',3',4'-tetram...	274	C16H18O4	119101-30-3	53
2		3,6-Dibora-2,4,5,7-tetraoxaphena...	274	C12H12B2O6	1000159-66-2	52
3		3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	47
4		Naphtho[1,2-b]furan-2(3H)-one, 5...	274	C19H14O2	077573-41-2	42
5		Eseroline, 3a-desmethyl-5-O-methyl-	218	C13H18N2O	1000124-27-4	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.75	2.7	ng/ul	125808	1	7.76	943897	20.0
Dodecanoic acid	14.83	2.9	ng/ul	246249	3	14.41	1706440	20.0
(DEL) Alkane: Str...	16.13	2.0	ng/ul	178005	4	17.15	1746430	20.0
n-Hexadecanoic acid	18.04	3.3	ng/ul	284643	4	17.15	1746430	20.0
1,1'-Biphenyl, 5,...	22.12	4.2	ng/ul	521517	5	21.34	2507760	20.0