

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
 Data File : BM029440.D
 Acq On : 09 Apr 2021 20:27
 Operator : CG/JU
 Sample : M1881-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQF9

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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	2.928	3	7	31	rVB	3429510	4438470	100.00%	18.260%
2	3.193	49	52	58	rBV2	16290	20669	0.47%	0.085%
3	3.611	121	123	128	rVB6	4408	5391	0.12%	0.022%
4	3.705	135	139	144	rVB	16476	23280	0.52%	0.096%
5	3.828	155	160	166	rVB	25063	40367	0.91%	0.166%
6	3.916	171	175	182	rVB3	11965	20503	0.46%	0.084%
7	4.287	236	238	243	rVB5	4455	6334	0.14%	0.026%
8	4.469	267	269	273	rVB6	4754	4492	0.10%	0.018%
9	4.822	325	329	337	rBV	27798	43235	0.97%	0.178%
10	6.857	668	675	693	rBV2	303016	555508	12.52%	2.285%
11	7.028	698	704	717	rVV	219118	361676	8.15%	1.488%
12	7.222	730	737	744	rBV	317280	507354	11.43%	2.087%
13	7.316	749	753	758	rVB6	4848	7144	0.16%	0.029%
14	7.687	809	816	823	rBV	461096	719420	16.21%	2.960%
15	8.387	927	935	946	rBV	232097	389875	8.78%	1.604%
16	8.510	950	956	964	rVV2	20087	32212	0.73%	0.133%
17	8.840	1004	1012	1023	rBV	285063	477188	10.75%	1.963%
18	9.016	1038	1042	1045	rBV5	2792	4964	0.11%	0.020%
19	9.269	1081	1085	1090	rVB3	5255	7084	0.16%	0.029%
20	9.557	1126	1134	1148	rVB	238737	407498	9.18%	1.676%
21	9.916	1190	1195	1200	rBV7	2503	4563	0.10%	0.019%
22	10.087	1216	1224	1234	rBV	330232	568081	12.80%	2.337%
23	10.469	1281	1289	1297	rBV	562455	946954	21.34%	3.896%
24	10.604	1304	1312	1325	rBV	245962	448368	10.10%	1.845%
25	12.057	1556	1559	1566	rVB4	4189	7265	0.16%	0.030%
26	13.157	1741	1746	1751	rBV7	5144	8457	0.19%	0.035%
27	13.228	1751	1758	1763	rVB6	5134	8906	0.20%	0.037%
28	13.733	1838	1844	1849	rBV	566601	774184	17.44%	3.185%
29	13.780	1849	1852	1861	rVB	45349	63937	1.44%	0.263%
30	14.010	1883	1891	1901	rBV	607073	920683	20.74%	3.788%
31	14.233	1925	1929	1934	rVB5	5266	7388	0.17%	0.030%
32	14.322	1937	1944	1950	rVV	767876	1070026	24.11%	4.402%
33	14.386	1950	1955	1962	rVB4	5235	9660	0.22%	0.040%
34	14.522	1972	1978	1994	rBV	161056	279682	6.30%	1.151%

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35	14.680	2002	2005	2009	rBV5	3858	4836	0.11%	0.020%
36	14.745	2009	2016	2021	rVB5	16232	26527	0.60%	0.109%
37	15.133	2077	2082	2083	rBV5	3035	4507	0.10%	0.019%
38	15.186	2089	2091	2095	rVB4	5222	6317	0.14%	0.026%
39	15.316	2106	2113	2120	rBV	776849	1077825	24.28%	4.434%
40	15.369	2120	2122	2128	rVB3	6885	7955	0.18%	0.033%
41	15.433	2128	2133	2143	rBV	122039	176925	3.99%	0.728%
42	15.551	2149	2153	2159	rBV5	7555	11628	0.26%	0.048%
43	16.045	2234	2237	2240	rBV3	4724	6873	0.15%	0.028%
44	16.110	2246	2248	2251	rVB3	5030	5293	0.12%	0.022%
45	16.310	2277	2282	2287	rBV6	5826	7993	0.18%	0.033%
46	16.610	2329	2333	2338	rBV7	8084	11936	0.27%	0.049%
47	16.810	2362	2367	2370	rBV4	8356	12898	0.29%	0.053%
48	16.880	2378	2379	2385	rVB3	6928	9038	0.20%	0.037%
49	16.968	2390	2394	2397	rBV4	11310	16230	0.37%	0.067%
50	17.063	2402	2410	2414	rVV	777708	1088580	24.53%	4.478%
51	17.104	2414	2417	2421	rVV	105582	140621	3.17%	0.579%
52	17.163	2421	2427	2437	rVB2	734853	1064806	23.99%	4.381%
53	17.463	2472	2478	2481	rBV4	7448	11788	0.27%	0.048%
54	17.580	2493	2498	2500	rBV4	4328	6630	0.15%	0.027%
55	17.733	2522	2524	2530	rVB6	3384	5659	0.13%	0.023%
56	17.845	2537	2543	2548	rBV9	7745	16198	0.36%	0.067%
57	17.963	2556	2563	2572	rBV2	101115	165419	3.73%	0.681%
58	18.133	2588	2592	2596	rBV4	16006	25427	0.57%	0.105%
59	18.262	2609	2614	2617	rBV5	11558	20788	0.47%	0.086%
60	18.404	2634	2638	2640	rVB5	4279	5774	0.13%	0.024%
61	18.439	2641	2644	2647	rVV2	7681	9860	0.22%	0.041%
62	18.480	2647	2651	2655	rVB6	10849	16169	0.36%	0.067%
63	18.533	2657	2660	2663	rBV5	3727	4782	0.11%	0.020%
64	18.727	2690	2693	2698	rBV	10480	11930	0.27%	0.049%
65	18.815	2704	2708	2712	rBV7	4636	8422	0.19%	0.035%
66	18.851	2712	2714	2719	rVB6	5146	7198	0.16%	0.030%
67	18.904	2720	2723	2726	rBV4	5240	6490	0.15%	0.027%
68	18.986	2733	2737	2743	rBV7	20248	31095	0.70%	0.128%
69	19.121	2752	2760	2765	rBV	195332	282504	6.36%	1.162%
70	19.245	2777	2781	2783	rBV3	31038	39075	0.88%	0.161%
71	19.268	2783	2785	2789	rVB4	28935	32965	0.74%	0.136%

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72	19.451	2811	2816	2826	rBV2	857797	1386523	31.24%	5.704%
73	19.692	2855	2857	2858	rBV2	10602	8871	0.20%	0.036%
74	19.839	2879	2882	2885	rVB4	20254	22215	0.50%	0.091%
75	19.980	2901	2906	2909	rBV2	83008	103039	2.32%	0.424%
76	20.009	2909	2911	2917	rVB6	12096	16176	0.36%	0.067%
77	20.080	2920	2923	2926	rBV2	12616	14071	0.32%	0.058%
78	20.180	2936	2940	2943	rBV5	13423	16779	0.38%	0.069%
79	20.256	2949	2953	2959	rBV3	87733	110680	2.49%	0.455%
80	20.304	2959	2961	2969	rVB8	21619	35486	0.80%	0.146%
81	20.409	2976	2979	2987	rVB8	22494	35793	0.81%	0.147%
82	20.551	3000	3003	3004	rBV2	25855	29668	0.67%	0.122%
83	20.568	3004	3006	3012	rVB6	55706	67935	1.53%	0.279%
84	20.715	3028	3031	3036	rBV6	41784	55994	1.26%	0.230%
85	20.968	3069	3074	3080	rBV	295124	478367	10.78%	1.968%
86	21.239	3114	3120	3124	rBV	871623	1195288	26.93%	4.917%
87	21.274	3124	3126	3135	rVB	150587	165792	3.74%	0.682%
88	21.833	3218	3221	3231	rBV4	65350	155229	3.50%	0.639%
89	22.792	3379	3384	3388	rBV2	198165	334645	7.54%	1.377%
90	23.309	3466	3472	3476	rBV	586514	1046209	23.57%	4.304%
91	23.450	3490	3496	3502	rBV	606883	1065961	24.02%	4.385%
92	23.986	3582	3587	3595	rVB	199912	382538	8.62%	1.574%

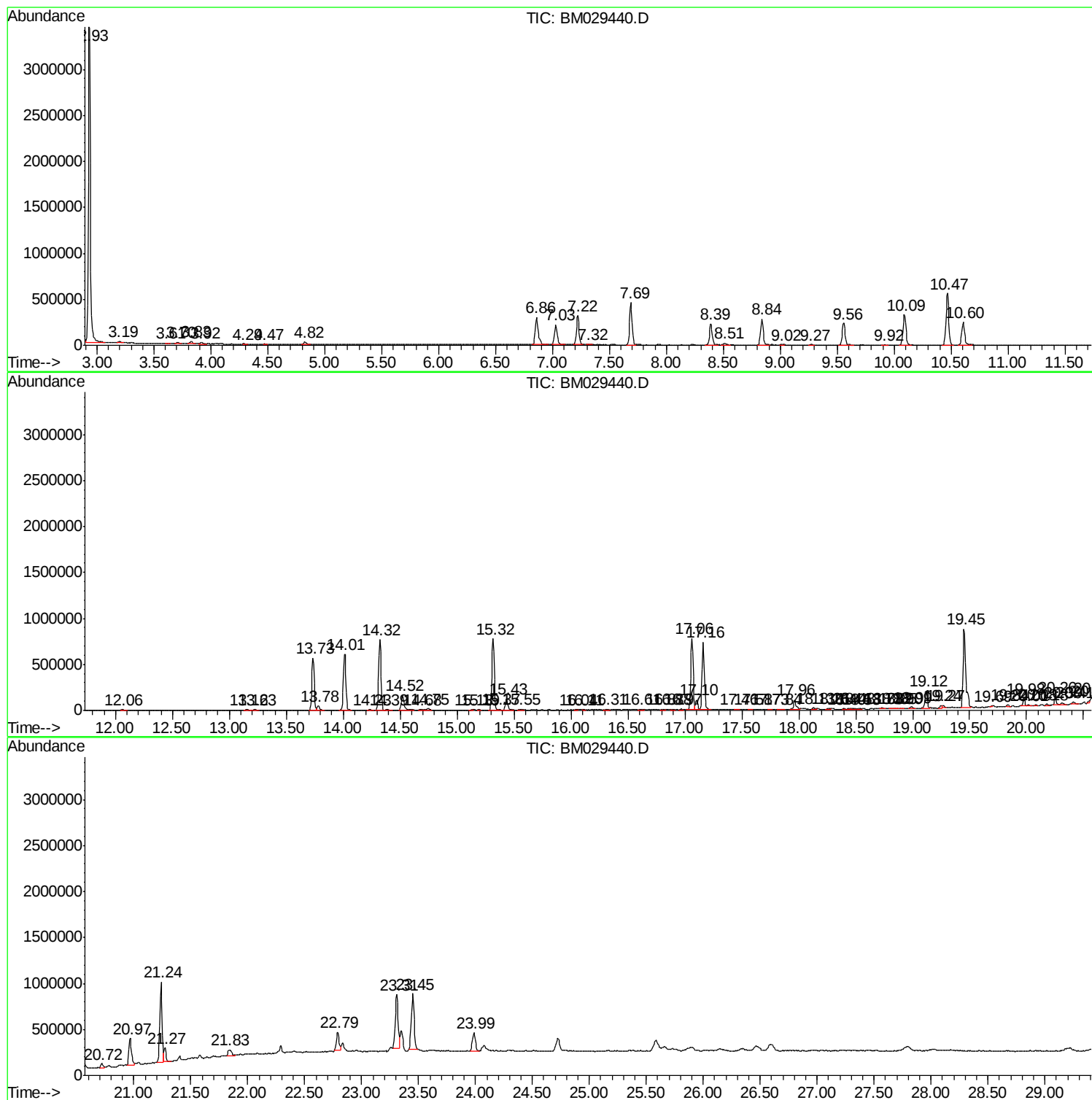
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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



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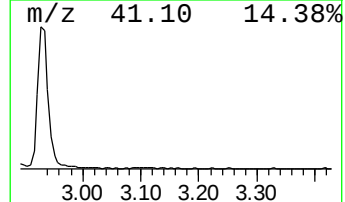
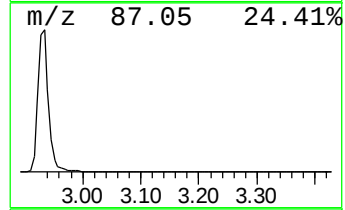
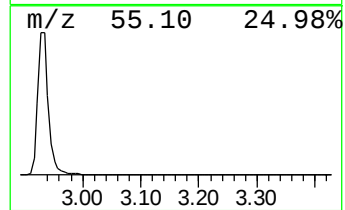
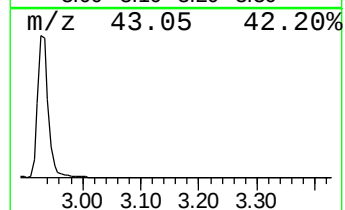
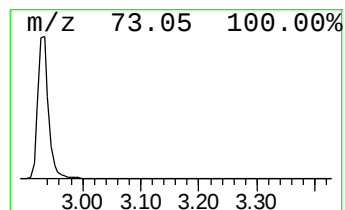
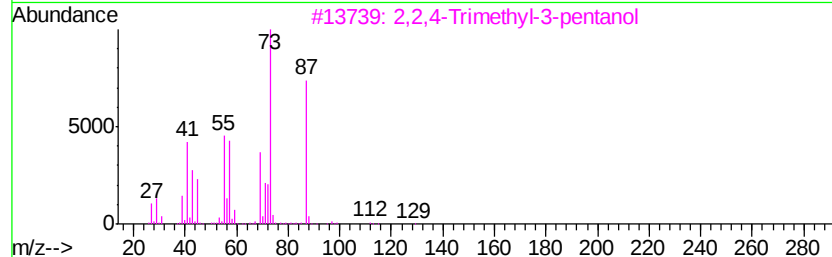
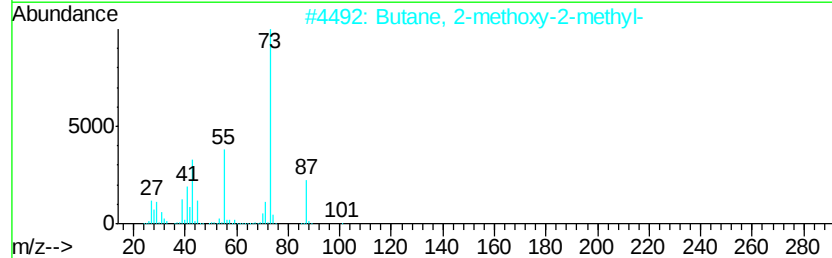
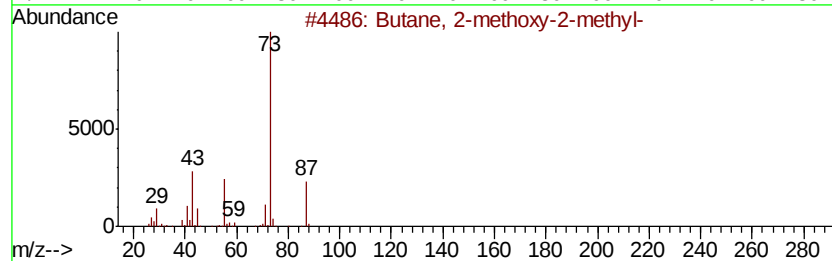
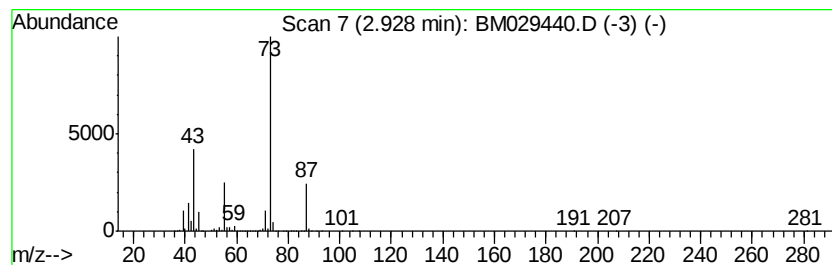
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	123.39 ng/ul	4438470	1,4-Dichlorobenzene-d4	7.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	10



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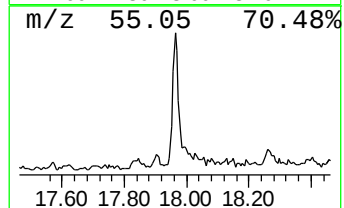
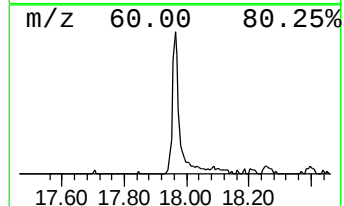
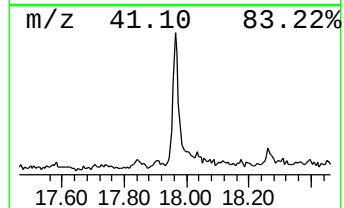
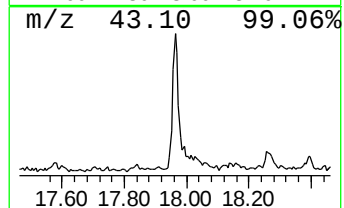
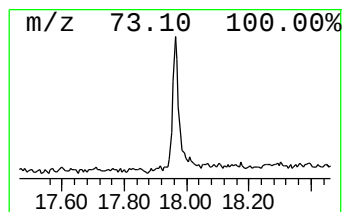
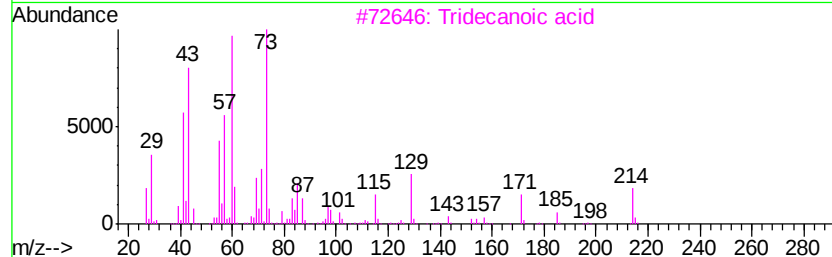
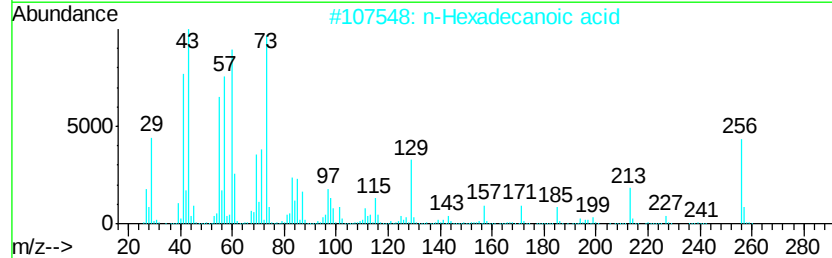
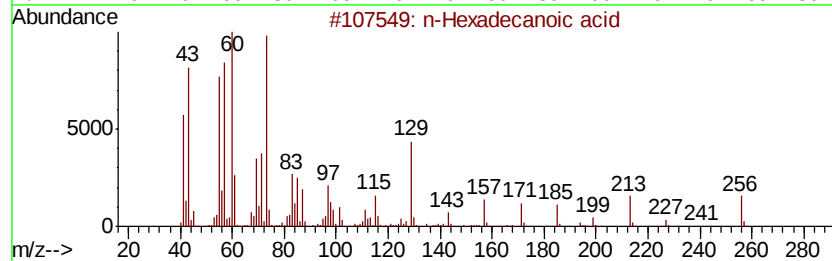
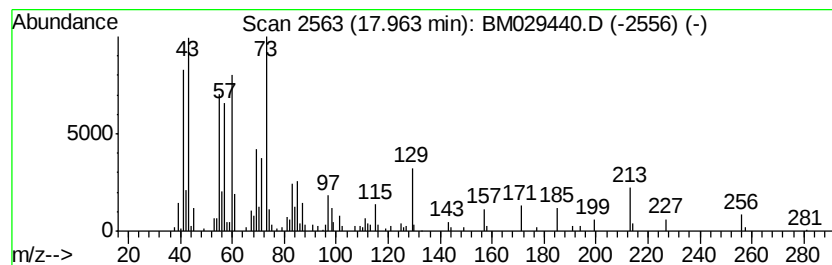
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.04 ng/ul	165419	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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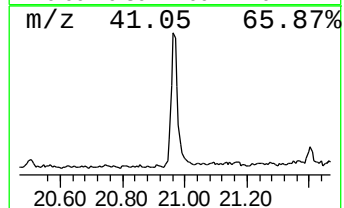
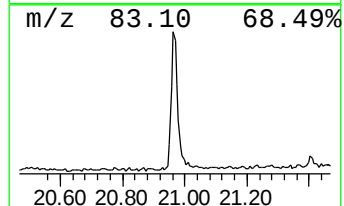
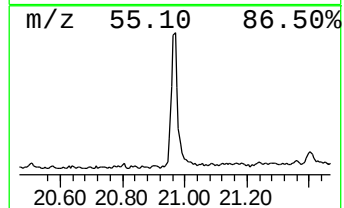
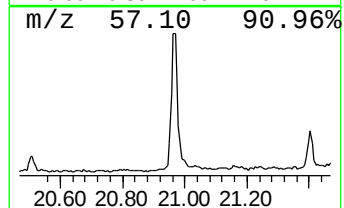
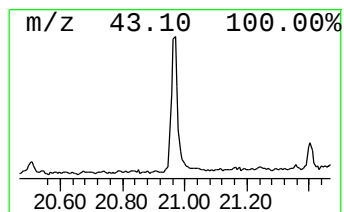
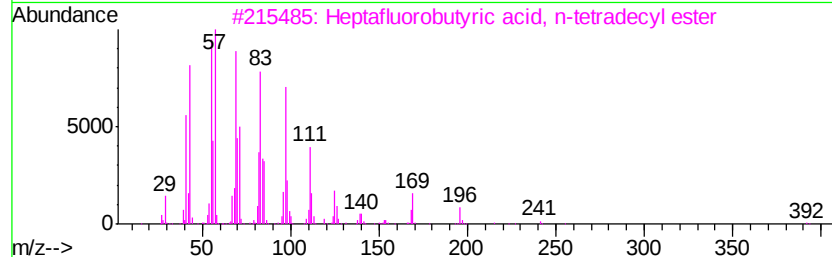
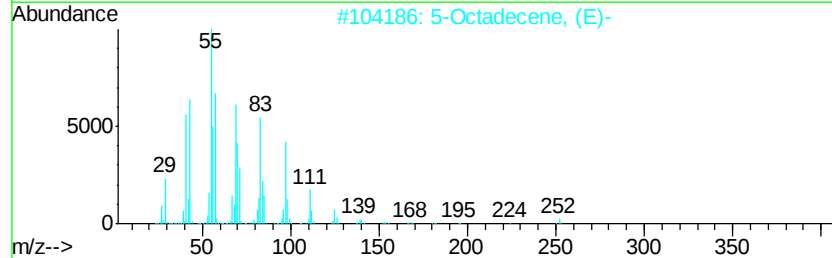
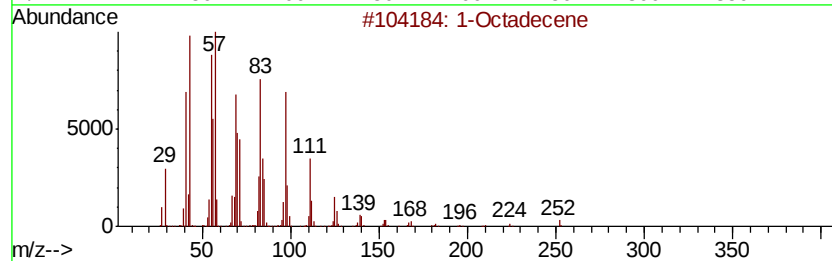
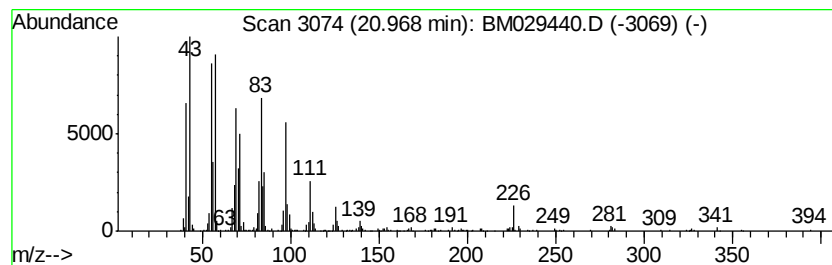
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.97	8.00 ng/ul	478367	Chrysene-d12	21.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	97
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
4	Cyclotetracosane	336	C24H48	000297-03-0	94
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94



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ESQF9

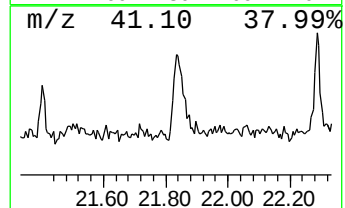
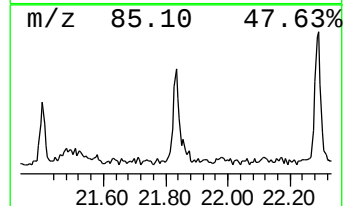
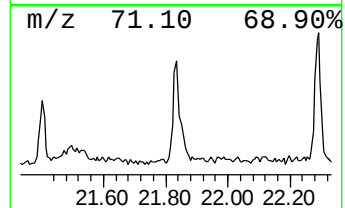
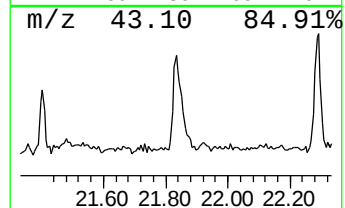
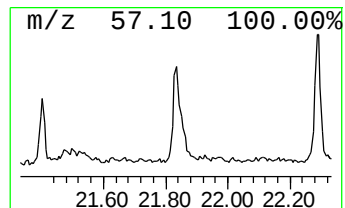
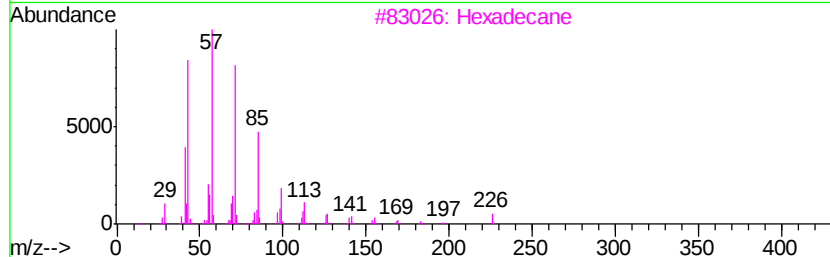
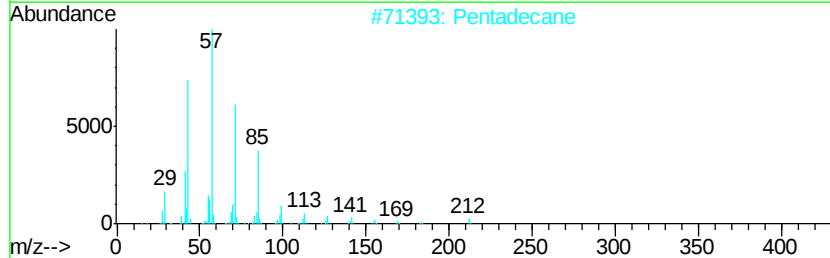
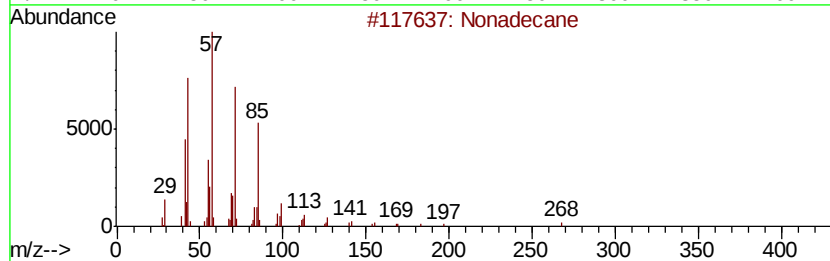
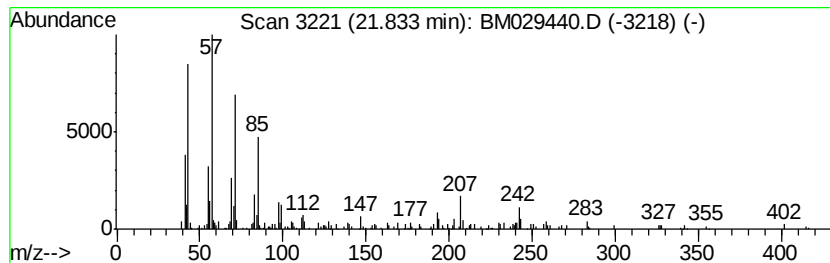
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Quant Title : SVOA CALIBRATION

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.
21.83	2.60 ng/ul	155229	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	92
2		Pentadecane	212	C15H32	000629-62-9	78
3		Hexadecane	226	C16H34	000544-76-3	60
4		Heptadecane	240	C17H36	000629-78-7	58
5		Octacosane	394	C28H58	000630-02-4	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040921\
Data File : BM029440.D
Acq On : 09 Apr 2021 20:27
Operator : CG/JU
Sample : M1881-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQF9

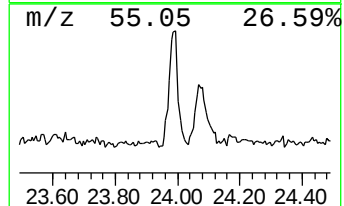
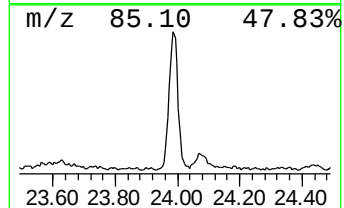
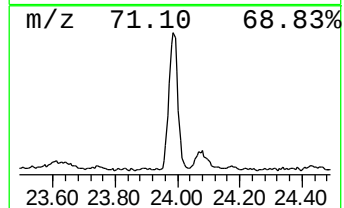
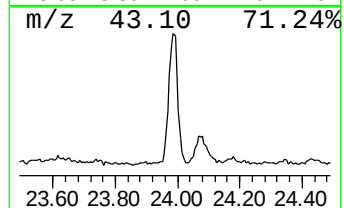
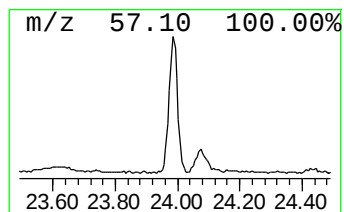
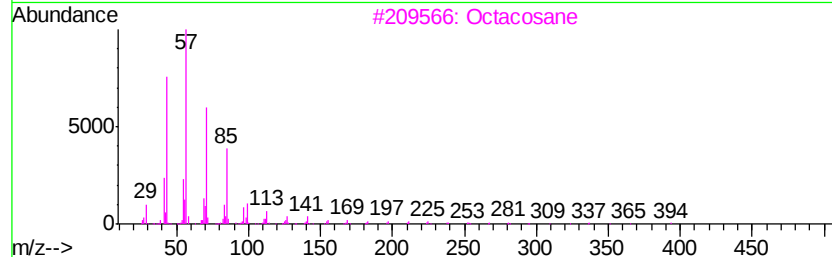
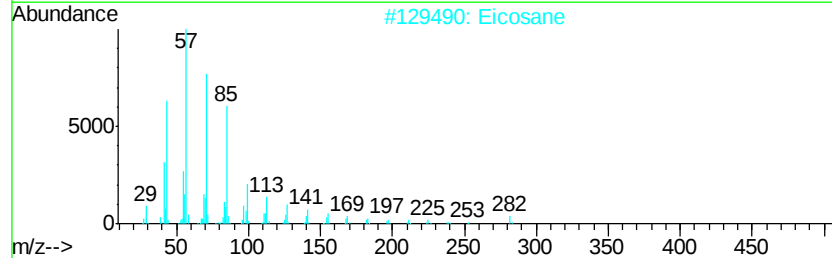
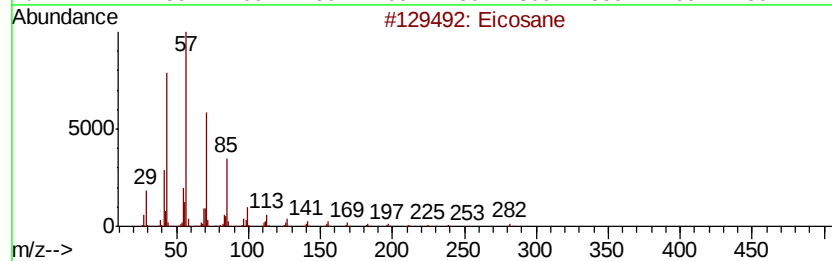
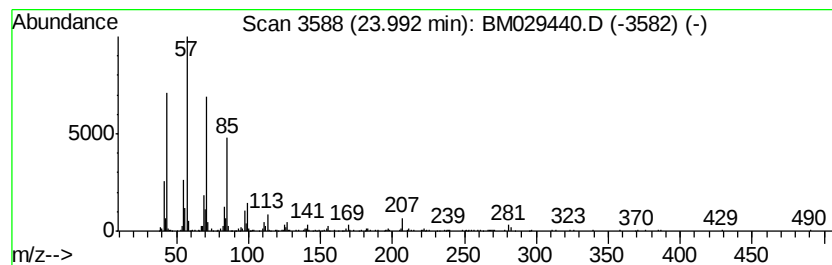
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	7.18 ng/ul	382538	Perylene-d12	23.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Eicosane	282	C20H42	000112-95-8	93
3		Octacosane	394	C28H58	000630-02-4	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040921\
Data File : BM029440.D
Acq On : 09 Apr 2021 20:27
Operator : CG/JU
Sample : M1881-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESQF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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
Butane, 2-methoxy...	2.93	123.4	ng/ul	4438470	1	7.69	719420	20.0
n-Hexadecanoic acid	17.96	3.0	ng/ul	165419	4	17.06	1088580	20.0
(DEL) Alkane: Str...	20.97	8.0	ng/ul	478367	5	21.24	1195290	20.0
(DEL) Alkane: Str...	21.83	2.6	ng/ul	155229	5	21.24	1195290	20.0
(DEL) Alkane: Str...	23.99	7.2	ng/ul	382538	6	23.45	1065960	20.0