

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027401.D
 Acq On : 11 Sep 2020 12:53
 Operator : JU/CG
 Sample : L3961-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F4Y39

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-BM090420MA.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	22	24	29	rVB3	27100	29866	0.48%	0.056%
2	3.393	66	69	72	rBV2	20582	26594	0.43%	0.050%
3	3.751	124	130	137	rVB5	23283	59957	0.97%	0.113%
4	3.887	149	153	159	rVB	167639	210392	3.39%	0.397%
5	4.116	189	192	197	rBV2	23638	26214	0.42%	0.049%
6	4.163	197	200	203	rBV4	10319	11990	0.19%	0.023%
7	5.116	358	362	368	rVB2	12812	22012	0.35%	0.042%
8	5.204	373	377	381	rVV	18814	24486	0.39%	0.046%
9	6.516	597	600	606	rBV2	12554	18842	0.30%	0.036%
10	6.634	616	620	625	rVB	22397	29584	0.48%	0.056%
11	6.751	634	640	653	rVB	225737	361967	5.83%	0.683%
12	6.910	660	667	675	rBV	598256	941181	15.16%	1.775%
13	7.104	693	700	708	rBV	753352	1145657	18.45%	2.161%
14	7.192	711	715	725	rVB3	22732	46712	0.75%	0.088%
15	7.422	750	754	757	rBV	11599	16885	0.27%	0.032%
16	7.463	757	761	766	rVV	25416	42598	0.69%	0.080%
17	7.563	766	778	786	rVV	720022	1157312	18.64%	2.183%
18	7.645	788	792	800	rVB2	23369	41418	0.67%	0.078%
19	8.004	850	853	861	rVB	11491	20193	0.33%	0.038%
20	8.092	866	868	875	rVV6	5117	9454	0.15%	0.018%
21	8.275	892	899	913	rBV	614486	951576	15.33%	1.795%
22	8.504	933	938	945	rVB2	21462	34685	0.56%	0.065%
23	8.657	958	964	967	rBV2	52293	85077	1.37%	0.160%
24	8.704	967	972	982	rVB	796310	1283689	20.67%	2.421%
25	8.851	993	997	1000	rBV5	7911	10679	0.17%	0.020%
26	8.963	1013	1016	1021	rVB6	4137	6821	0.11%	0.013%
27	9.181	1049	1053	1057	rVB2	8766	12534	0.20%	0.024%
28	9.422	1086	1094	1103	rBV	717419	1162683	18.73%	2.193%
29	9.686	1134	1139	1143	rBV4	7248	9236	0.15%	0.017%
30	9.963	1179	1186	1201	rBV	1195012	1924092	30.99%	3.629%
31	10.128	1211	1214	1222	rVB7	5625	10357	0.17%	0.020%
32	10.192	1222	1225	1228	rBV4	4719	6825	0.11%	0.013%
33	10.333	1241	1249	1256	rBV	932503	1532072	24.67%	2.889%
34	10.469	1266	1272	1284	rBV	246710	444464	7.16%	0.838%

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35	10.580	1287	1291	1296	rVV5	6856	10446	0.17%	0.020%
36	10.698	1306	1311	1326	rBV	57688	117685	1.90%	0.222%
37	10.975	1352	1358	1364	rBV3	8895	17614	0.28%	0.033%
38	11.039	1364	1369	1372	rBV6	5269	8238	0.13%	0.016%
39	11.257	1400	1406	1418	rBV3	40315	105400	1.70%	0.199%
40	11.669	1472	1476	1479	rBV6	5764	6601	0.11%	0.012%
41	11.816	1495	1501	1503	rBV4	6021	8644	0.14%	0.016%
42	11.886	1505	1513	1517	rVV5	9896	22888	0.37%	0.043%
43	11.927	1517	1520	1527	rVB3	16513	26823	0.43%	0.051%
44	12.010	1527	1534	1542	rBV3	16574	45713	0.74%	0.086%
45	12.516	1611	1620	1624	rBV9	7964	20839	0.34%	0.039%
46	12.563	1624	1628	1633	rVB4	5708	8717	0.14%	0.016%
47	12.821	1666	1672	1676	rBV5	10653	15726	0.25%	0.030%
48	13.051	1705	1711	1720	rBV	181725	279253	4.50%	0.527%
49	13.121	1720	1723	1729	rVV5	16419	28580	0.46%	0.054%
50	13.180	1729	1733	1741	rVB6	11667	20616	0.33%	0.039%
51	13.621	1802	1808	1813	rBV	2086051	2952131	47.55%	5.568%
52	13.668	1813	1816	1824	rVB	382526	487998	7.86%	0.920%
53	13.892	1845	1854	1864	rBV	2331763	3397468	54.72%	6.407%
54	14.204	1900	1907	1914	rBV2	1545403	2278383	36.69%	4.297%
55	14.263	1914	1917	1923	rVB6	10071	16961	0.27%	0.032%
56	14.421	1938	1944	1963	rBV	167560	312470	5.03%	0.589%
57	14.657	1978	1984	1993	rBV	77085	120894	1.95%	0.228%
58	14.768	1995	2003	2004	rBV2	44317	95052	1.53%	0.179%
59	15.039	2044	2049	2054	rVB3	19510	32558	0.52%	0.061%
60	15.204	2070	2077	2092	rVB	3142059	4315142	69.50%	8.138%
61	15.327	2092	2098	2111	rBV	1025013	1388006	22.35%	2.618%
62	15.445	2113	2118	2123	rVB2	39008	61554	0.99%	0.116%
63	15.592	2138	2143	2145	rBV5	10540	18015	0.29%	0.034%
64	15.780	2170	2175	2179	rBV7	7434	13379	0.22%	0.025%
65	15.892	2192	2194	2200	rVB7	5363	7502	0.12%	0.014%
66	15.986	2207	2210	2213	rBV3	12104	16096	0.26%	0.030%
67	16.121	2228	2233	2237	rBV7	9289	15751	0.25%	0.030%
68	16.168	2239	2241	2246	rVV6	5365	8286	0.13%	0.016%
69	16.221	2246	2250	2256	rVB6	5589	10504	0.17%	0.020%
70	16.386	2276	2278	2281	rVB3	8470	8272	0.13%	0.016%
71	16.474	2288	2293	2306	rBV	57212	110381	1.78%	0.208%

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72	16.639	2317	2321	2326	rVB8	7855	13118	0.21%	0.025%
73	16.745	2335	2339	2349	rVB5	41795	70211	1.13%	0.132%
74	16.951	2368	2374	2382	rBV	2093647	2802412	45.13%	5.285%
75	17.051	2384	2391	2403	rBV	3797492	5144162	82.85%	9.702%
76	17.633	2488	2490	2495	rVB5	27158	35192	0.57%	0.066%
77	17.880	2527	2532	2539	rBV	358302	548166	8.83%	1.034%
78	18.986	2718	2720	2725	rVB2	43001	49943	0.80%	0.094%
79	19.168	2747	2751	2759	rBV	205388	295422	4.76%	0.557%
80	19.350	2777	2782	2789	rVB	4516619	6209076	100.00%	11.710%
81	20.033	2896	2898	2904	rVB4	50240	52191	0.84%	0.098%
82	20.327	2945	2948	2953	rBV4	87642	102225	1.65%	0.193%
83	20.892	3040	3044	3051	rBV	246097	310764	5.00%	0.586%
84	21.150	3083	3088	3094	rBV	2373583	2886858	46.49%	5.444%
85	23.185	3428	3434	3441	rVB	2526718	4152556	66.88%	7.831%
86	23.321	3451	3457	3466	rVB	1257500	2223352	35.81%	4.193%

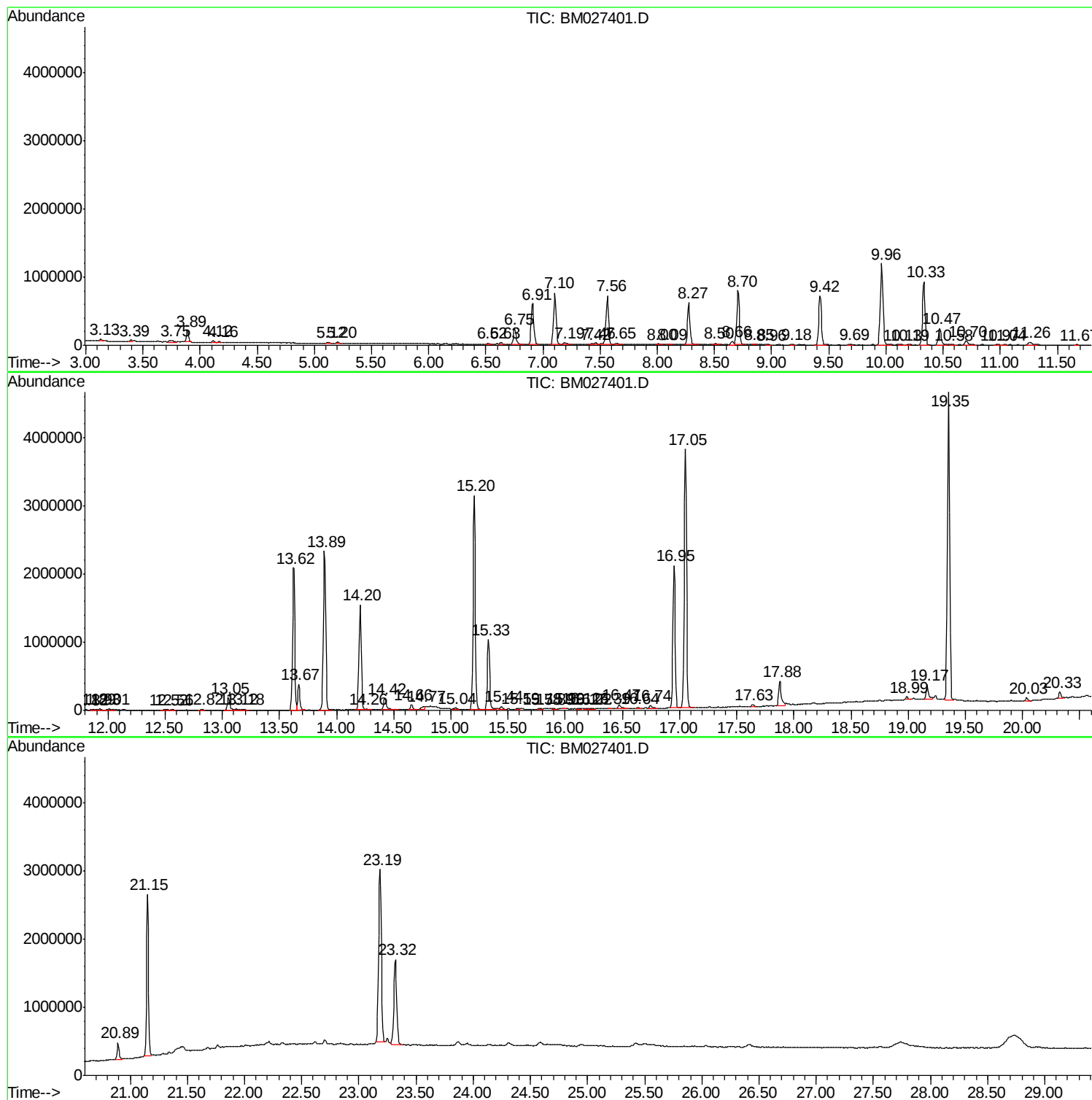
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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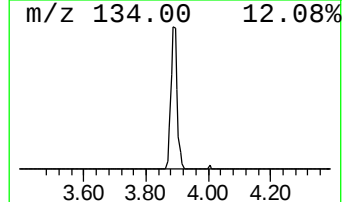
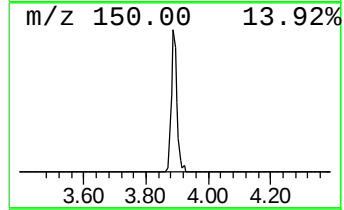
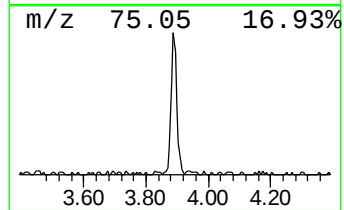
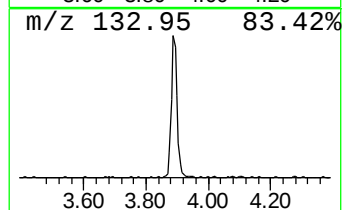
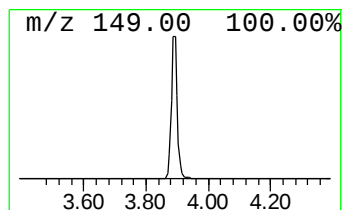
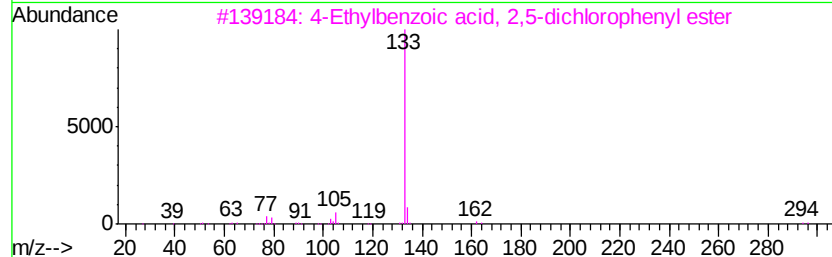
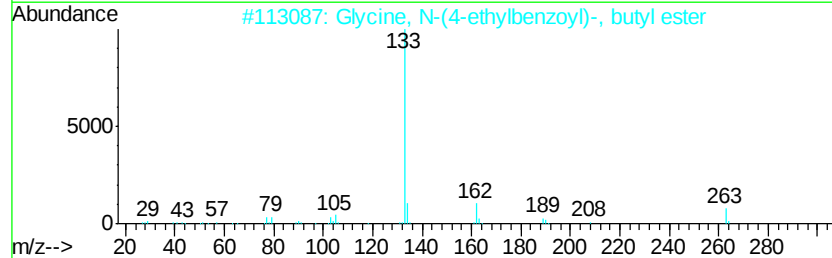
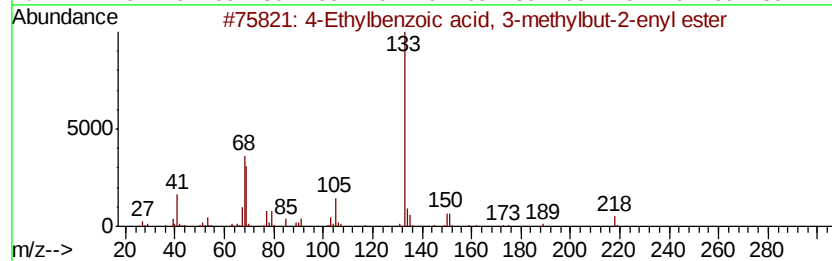
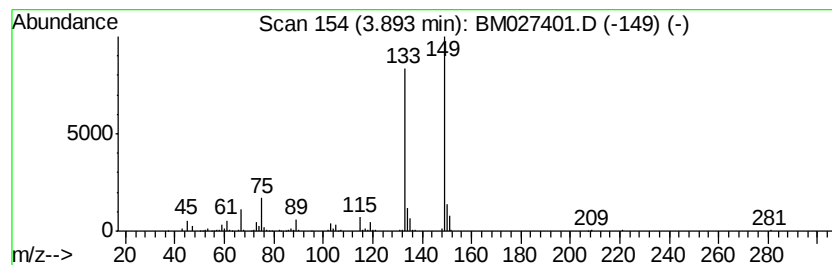
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	3.64 ng/ul	210392	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	32
2			Glycine, N-(4-ethylbenzoyl)-, bu...	263	C15H21NO3	1000314-51-5	27
3			4-Ethylbenzoic acid, 2,5-dichlor...	294	C15H12Cl2O2	1000325-73-5	27
4			4-Ethylbenzoic acid, 3-methylphe...	240	C16H16O2	1000307-12-1	27
5			4-Ethylbenzoic acid, 3,5-dimethy...	254	C17H18O2	1000307-12-3	27



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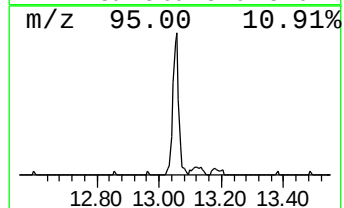
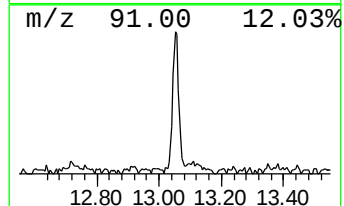
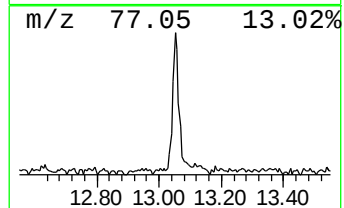
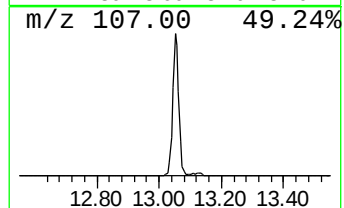
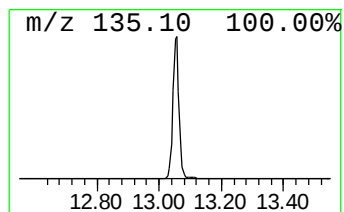
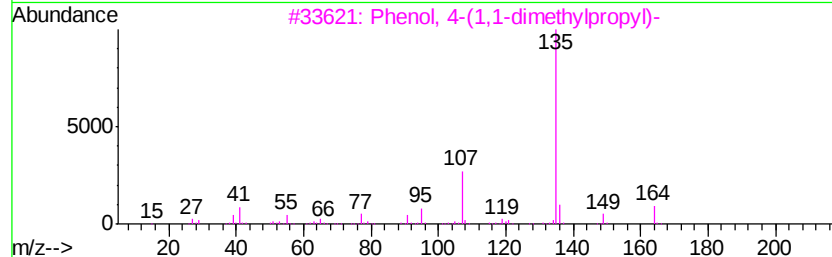
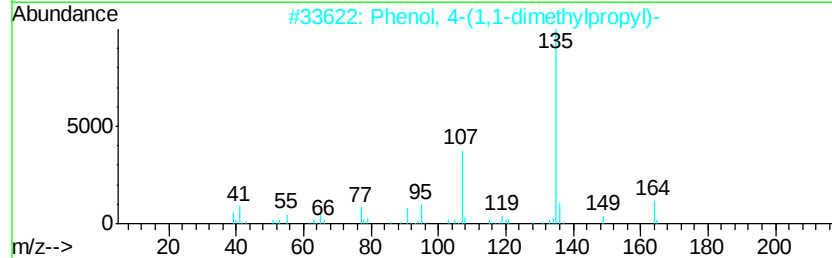
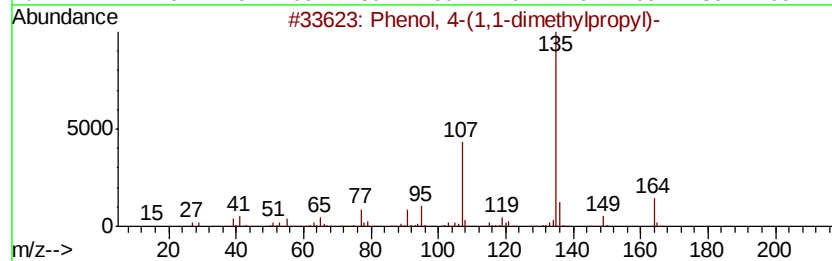
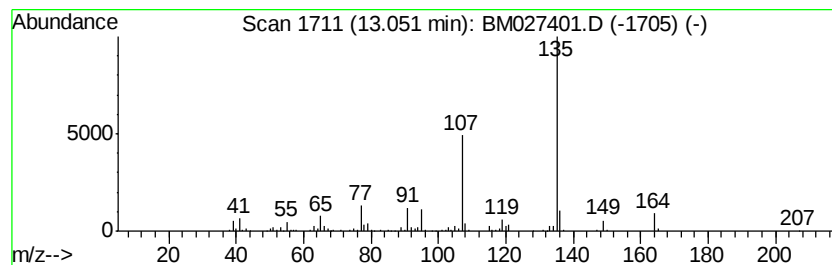
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	2.45 ng/ul	279253	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	93
2		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	93
3		Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
4		Hexestrol	270	C18H22O2	005635-50-7	64
5		Hexestrol	270	C18H22O2	000084-16-2	64



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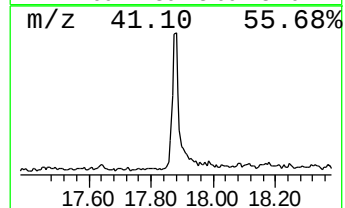
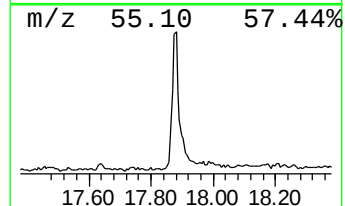
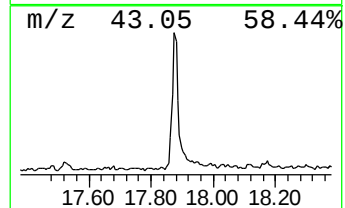
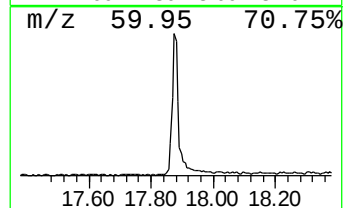
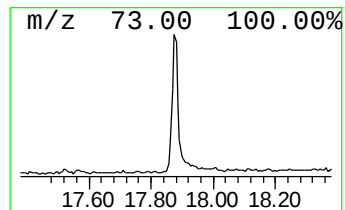
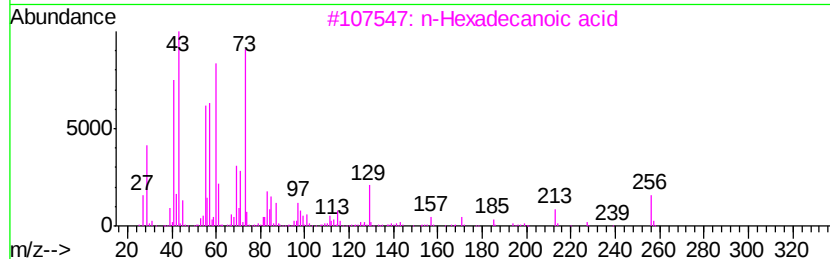
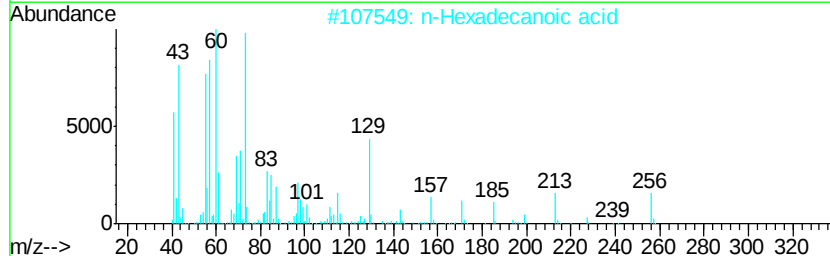
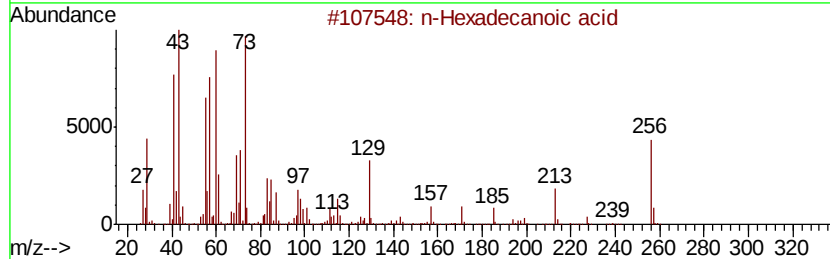
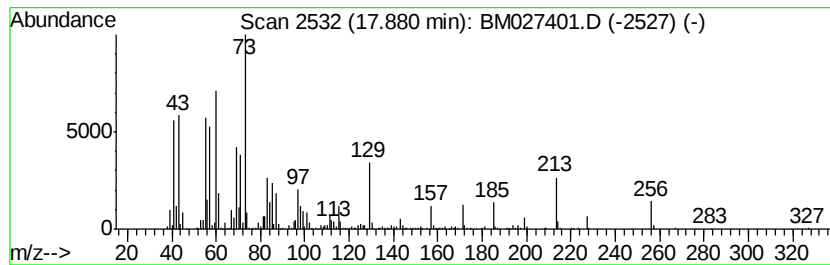
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.88	3.91 ng/ul	548166	Phenanthrene-d10	16.95	
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	96
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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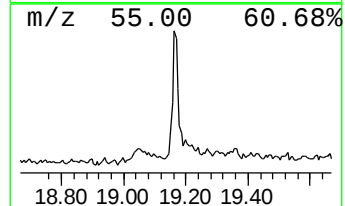
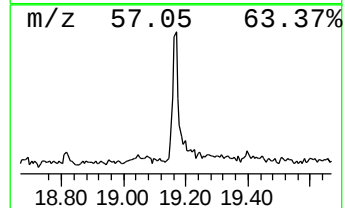
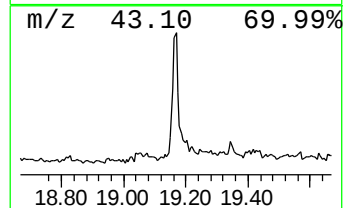
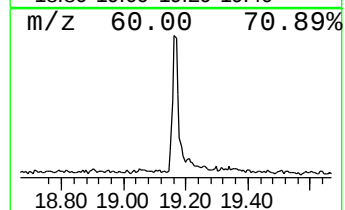
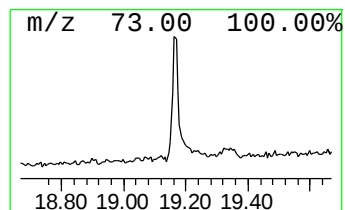
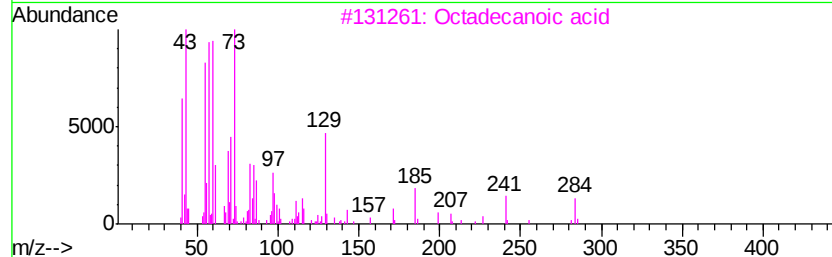
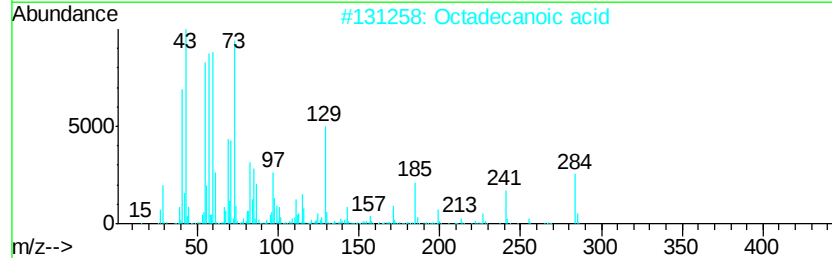
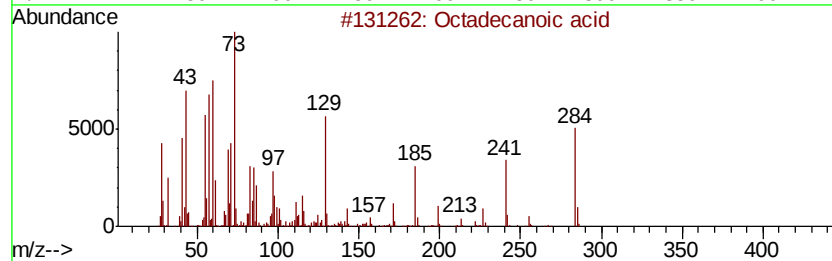
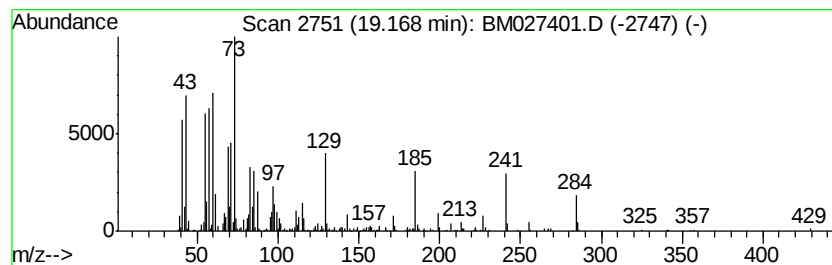
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.05 ng/ul	295422	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
Data File : BM027401.D
Acq On : 11 Sep 2020 12:53
Operator : JU/CG
Sample : L3961-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4Y39

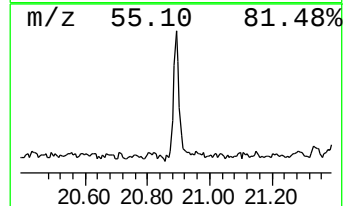
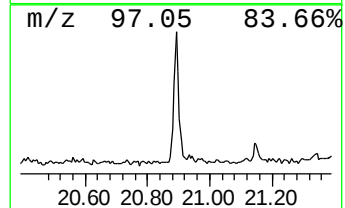
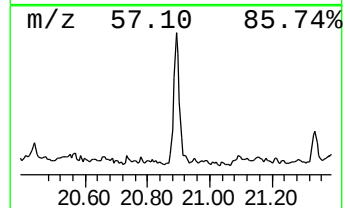
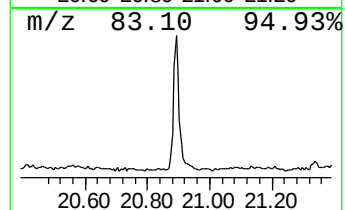
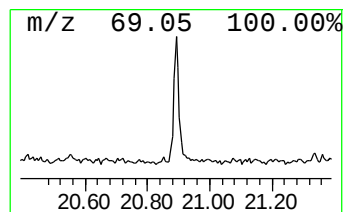
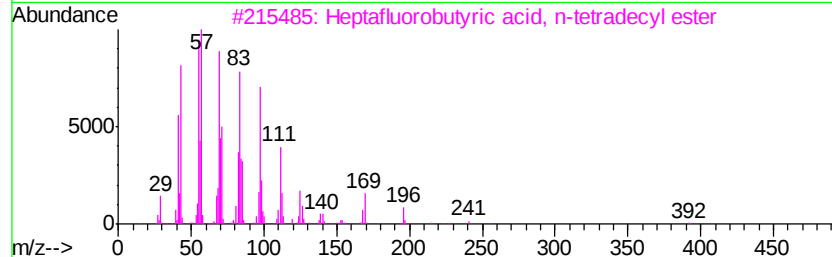
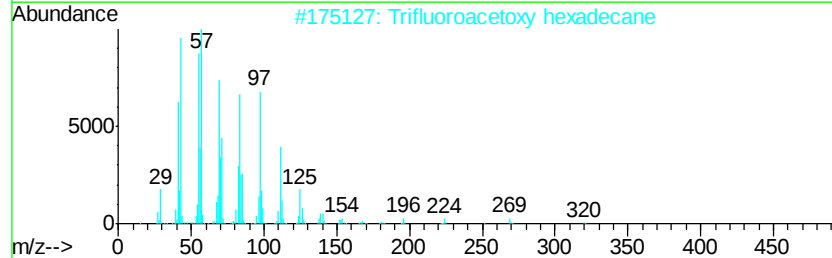
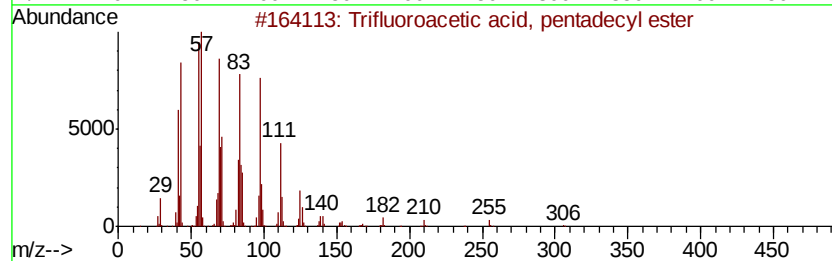
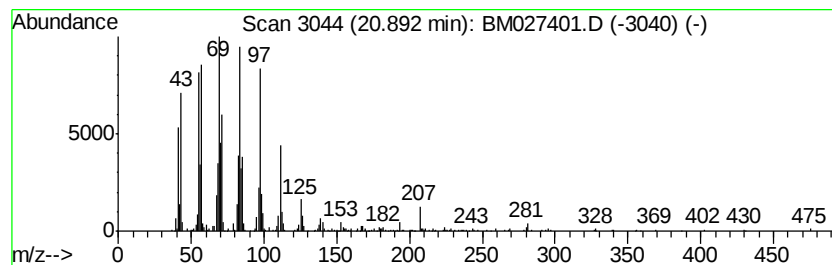
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Trifluoroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.15 ng/ul	310764	Chrysene-d12	21.15

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
3		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091020\
Data File : BM027401.D
Acq On : 11 Sep 2020 12:53
Operator : JU/CG
Sample : L3961-15
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F4Y39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.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
unknown-01	3.89	3.6	ng/ul	210392	1	7.56	1157310	20.0
Phenol, 4-(1,1-di...	13.05	2.5	ng/ul	279253	3	14.20	2278380	20.0
n-Hexadecanoic acid	17.88	3.9	ng/ul	548166	4	16.95	2802410	20.0
Octadecanoic acid	19.17	2.0	ng/ul	295422	5	21.15	2886860	20.0
Trifluoroacetic a...	20.89	2.1	ng/ul	310764	5	21.15	2886860	20.0