

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
 Data File : BG049352.D
 Acq On : 15 Jul 2021 7:08
 Operator : CG/JU
 Sample : M2971-12
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGE95

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG049352.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.106	5	11	20	rBV2	94487	224635	21.09%	1.780%
2	3.188	20	25	35	rVB	65528	120792	11.34%	0.957%
3	3.458	66	71	77	rVB3	9301	15942	1.50%	0.126%
4	3.876	139	142	160	rBV	105731	210951	19.81%	1.671%
5	4.498	246	248	252	rBV2	1661	1813	0.17%	0.014%
6	5.409	400	403	406	rBV2	1395	1507	0.14%	0.012%
7	5.844	474	477	478	rBV	1644	1438	0.14%	0.011%
8	6.678	615	619	621	rBV2	984	1531	0.14%	0.012%
9	7.142	694	698	699	rBV2	1487	1461	0.14%	0.012%
10	7.219	704	711	721	rBV	191965	341414	32.05%	2.705%
11	7.383	732	739	748	rBV	114325	196570	18.45%	1.557%
12	7.595	766	775	783	rBV	176685	310673	29.17%	2.461%
13	8.065	847	855	861	rBV	120362	206847	19.42%	1.639%
14	8.118	863	864	868	rVB2	2154	2253	0.21%	0.018%
15	8.770	968	975	984	rBV2	243134	416916	39.14%	3.303%
16	9.228	1046	1053	1062	rBV	178746	333619	31.32%	2.643%
17	9.639	1118	1123	1129	rBV2	1900	3792	0.36%	0.030%
18	9.957	1169	1177	1186	rBV2	166186	305878	28.72%	2.423%
19	10.503	1262	1270	1281	rBV	238516	440104	41.32%	3.486%
20	10.644	1289	1294	1303	rBV2	28181	48437	4.55%	0.384%
21	10.885	1327	1335	1343	rVB	153452	288246	27.06%	2.283%
22	11.014	1349	1357	1365	rBV	199706	368914	34.64%	2.923%
23	11.337	1410	1412	1416	rBV2	1301	1721	0.16%	0.014%
24	11.384	1416	1420	1424	rVB2	1130	1525	0.14%	0.012%
25	12.466	1599	1604	1609	rBV3	3785	5311	0.50%	0.042%
26	13.059	1703	1705	1710	rVB2	2677	3446	0.32%	0.027%
27	13.312	1743	1748	1753	rBV3	3063	4727	0.44%	0.037%
28	13.523	1780	1784	1785	rBV2	3041	2700	0.25%	0.021%
29	13.541	1785	1787	1791	rVB2	2075	3168	0.30%	0.025%
30	14.111	1877	1884	1891	rBV	421698	645963	60.65%	5.117%
31	14.352	1919	1925	1928	rBV5	4092	7847	0.74%	0.062%
32	14.404	1928	1934	1943	rVB	458203	711307	66.78%	5.635%
33	14.487	1943	1948	1951	rBV2	2301	3257	0.31%	0.026%
34	14.592	1964	1966	1971	rVB3	2106	2651	0.25%	0.021%
35	14.710	1979	1986	1993	rVB	262043	403353	37.87%	3.195%
36	14.904	2013	2019	2036	rBV	172130	298036	27.98%	2.361%

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Integrator: RTE

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37	15.274	2081	2082	2086	rBV2	1613	1717	0.16%	0.014%
38	15.486	2116	2118	2121	rBV3	1496	2211	0.21%	0.018%
39	15.544	2126	2128	2131	rVB	2617	2680	0.25%	0.021%
40	15.615	2137	2140	2143	rBV2	1707	1680	0.16%	0.013%
41	15.703	2148	2155	2162	rBV	568767	868119	81.50%	6.877%
42	15.815	2168	2174	2184	rBV	179283	271626	25.50%	2.152%
43	15.938	2191	2195	2201	rVB4	6835	10355	0.97%	0.082%
44	16.337	2259	2263	2265	rBV2	2179	2410	0.23%	0.019%
45	16.373	2265	2269	2271	rBV2	3260	3733	0.35%	0.030%
46	16.484	2283	2288	2294	rVB3	9698	15014	1.41%	0.119%
47	16.584	2303	2305	2309	rBV3	2236	2144	0.20%	0.017%
48	16.684	2320	2322	2328	rVB4	5021	6012	0.56%	0.048%
49	16.843	2345	2349	2353	rBV3	6187	8441	0.79%	0.067%
50	16.907	2356	2360	2364	rBV4	2976	5383	0.51%	0.043%
51	16.984	2369	2373	2377	rVB3	2419	3735	0.35%	0.030%
52	17.131	2397	2398	2401	rBV2	1812	1713	0.16%	0.014%
53	17.166	2401	2404	2405	rVV3	1598	1936	0.18%	0.015%
54	17.195	2405	2409	2415	rVV3	13298	21642	2.03%	0.171%
55	17.248	2416	2418	2421	rVB4	2805	2574	0.24%	0.020%
56	17.348	2430	2435	2436	rBV3	1763	1870	0.18%	0.015%
57	17.460	2445	2454	2461	rBV	323788	498104	46.76%	3.946%
58	17.560	2461	2471	2480	rVV2	623839	954435	89.61%	7.561%
59	17.683	2491	2492	2495	rBV	1747	2145	0.20%	0.017%
60	17.724	2498	2499	2502	rBV	1803	2134	0.20%	0.017%
61	17.765	2504	2506	2513	rVB4	2856	3479	0.33%	0.028%
62	17.936	2532	2535	2537	rBV4	2219	2179	0.20%	0.017%
63	18.118	2560	2566	2569	rBV5	6375	9655	0.91%	0.076%
64	18.224	2580	2584	2585	rBV3	1686	1768	0.17%	0.014%
65	18.241	2585	2587	2592	rVB5	3686	4812	0.45%	0.038%
66	18.341	2597	2604	2609	rBV2	37168	57032	5.35%	0.452%
67	18.629	2651	2653	2657	rBV3	2288	1749	0.16%	0.014%
68	18.776	2674	2678	2684	rBV3	5632	9155	0.86%	0.073%
69	18.852	2689	2691	2695	rVB2	2235	1899	0.18%	0.015%
70	19.064	2724	2727	2728	rBV	1910	1983	0.19%	0.016%
71	19.111	2731	2735	2737	rBV4	3932	5176	0.49%	0.041%
72	19.193	2746	2749	2752	rVB5	3541	4085	0.38%	0.032%
73	19.269	2758	2762	2767	rBV5	3781	6937	0.65%	0.055%
74	19.387	2780	2782	2783	rBV	2103	1737	0.16%	0.014%
75	19.410	2783	2786	2790	rVB3	9026	12519	1.18%	0.099%
76	19.487	2794	2799	2801	rBV2	9519	12380	1.16%	0.098%

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 Smoothing : OFF Filtering: 5
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77	19.610	2817	2820	2823	rBV3	7332	8178	0.77%	0.065%
78	19.733	2840	2841	2843	rBV2	2026	1554	0.15%	0.012%
79	19.845	2854	2860	2866	rBV	749875	1056065	99.15%	8.366%
80	20.198	2918	2920	2922	rBV3	2065	1654	0.16%	0.013%
81	20.744	3009	3013	3017	rVB4	13276	16569	1.56%	0.131%
82	20.815	3021	3025	3030	rVV	246657	290121	27.24%	2.298%
83	21.008	3056	3058	3062	rVB4	5044	5100	0.48%	0.040%
84	21.097	3070	3073	3077	rBV4	8638	11016	1.03%	0.087%
85	21.367	3115	3119	3127	rBV2	118174	197257	18.52%	1.563%
86	21.743	3176	3183	3190	rVB	323993	527288	49.50%	4.177%
87	22.560	3317	3322	3327	rBV5	26448	59950	5.63%	0.475%
88	24.081	3577	3581	3587	rVB5	18029	34279	3.22%	0.272%
89	24.810	3694	3705	3718	rVB2	379896	1065133	100.00%	8.438%
90	25.033	3733	3743	3755	rVB2	186838	571687	53.67%	4.529%
91	26.208	3941	3943	3944	rBV2	12381	10139	0.95%	0.080%

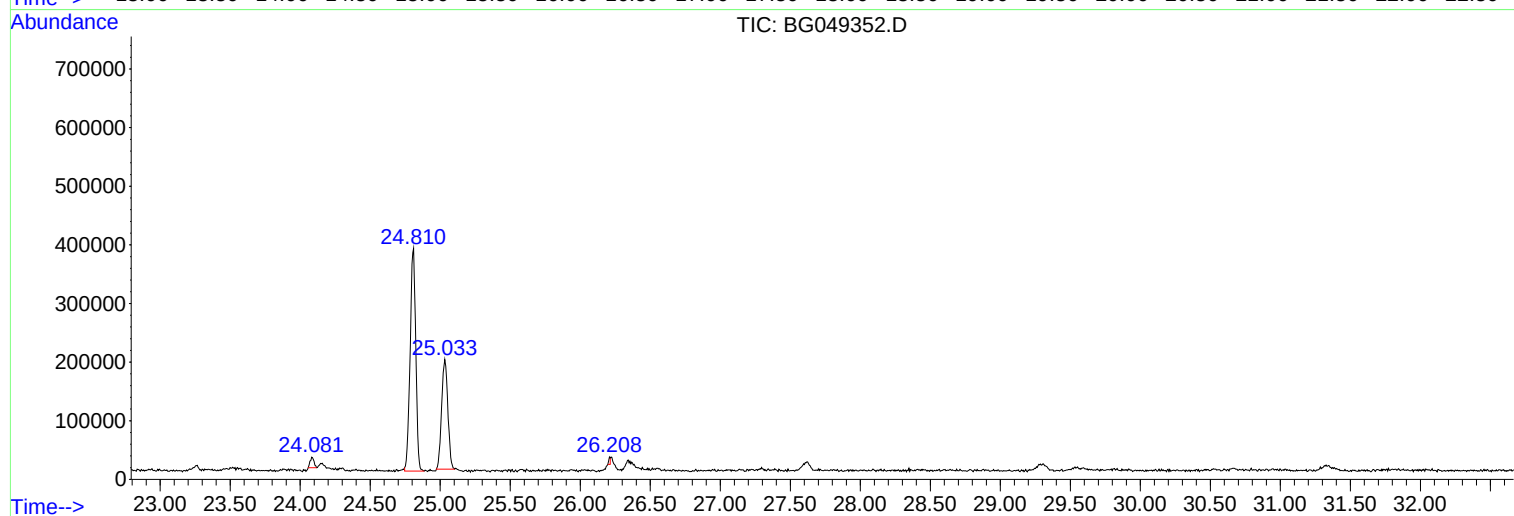
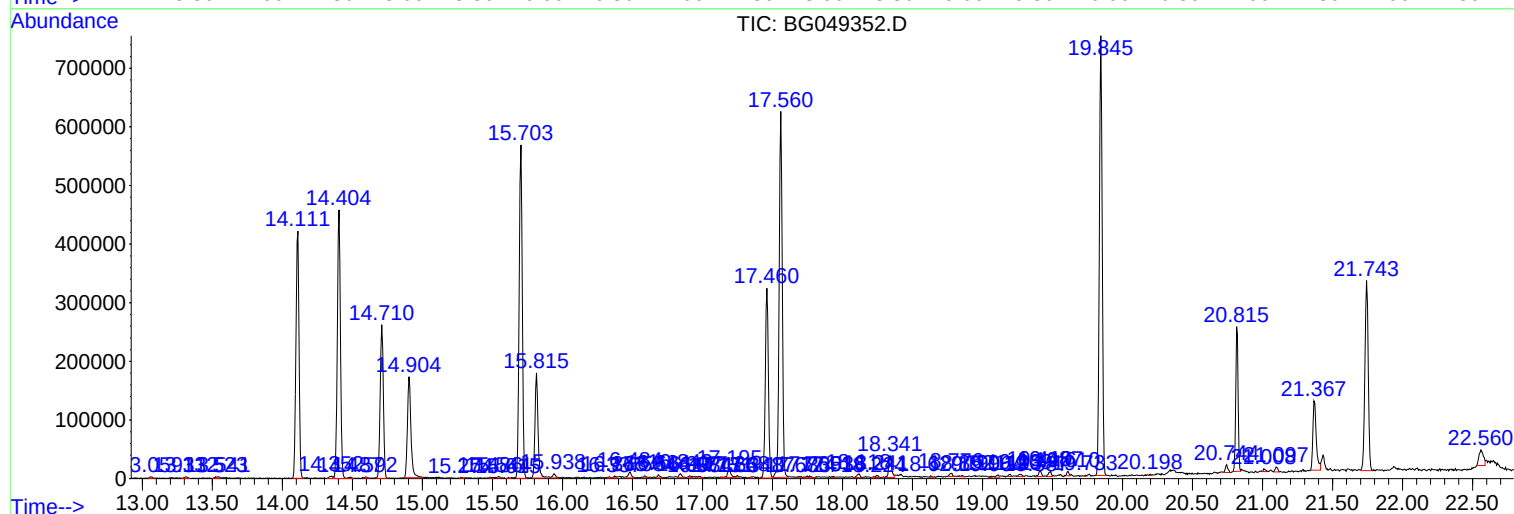
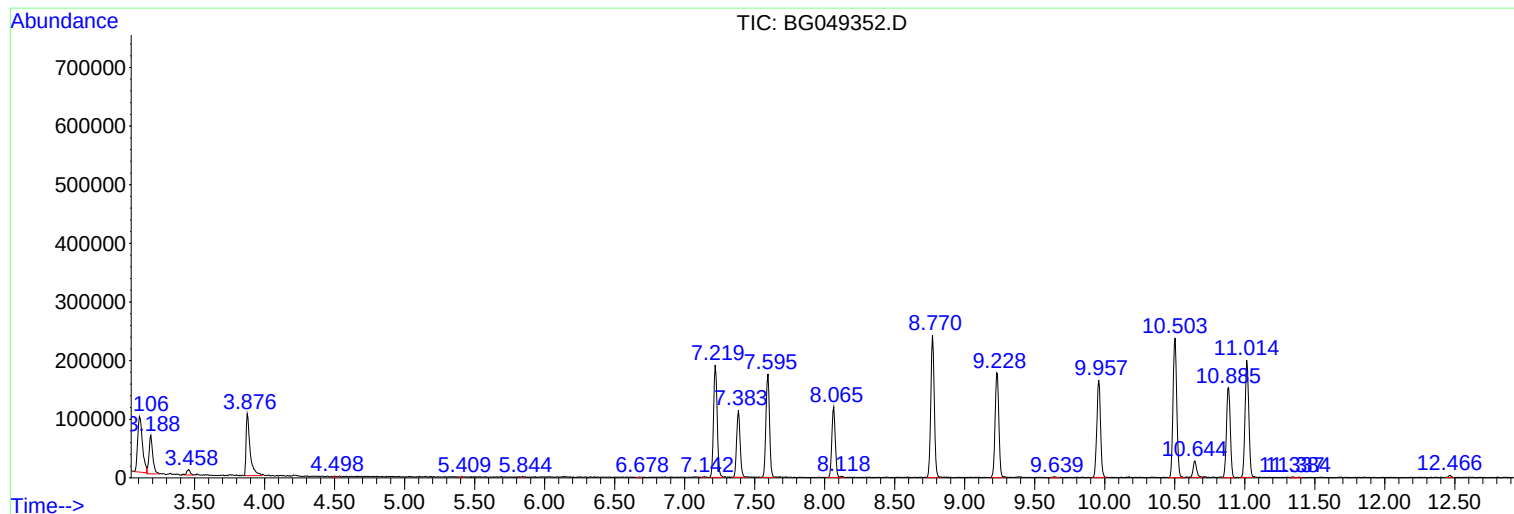
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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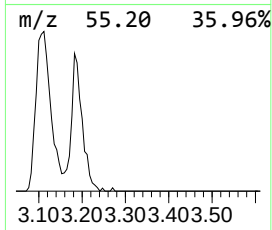
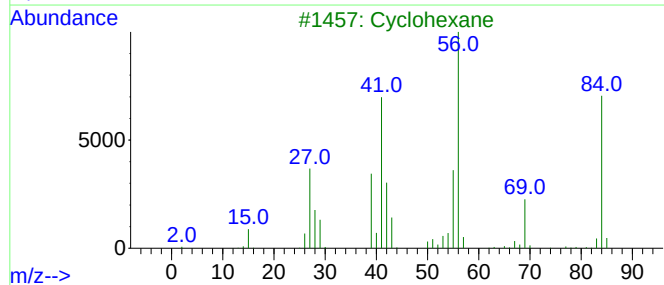
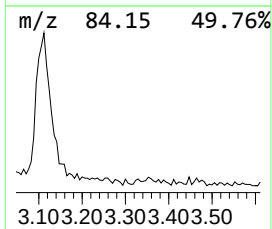
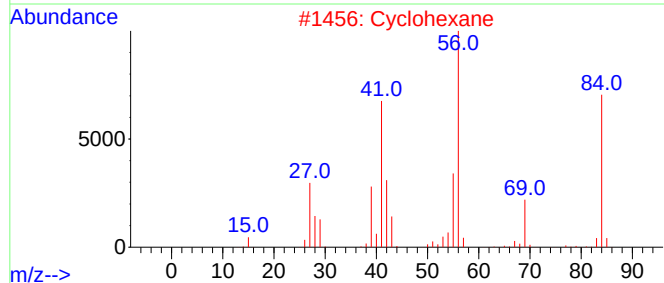
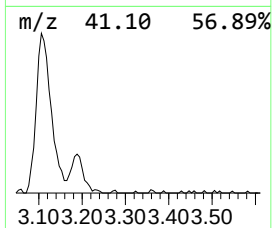
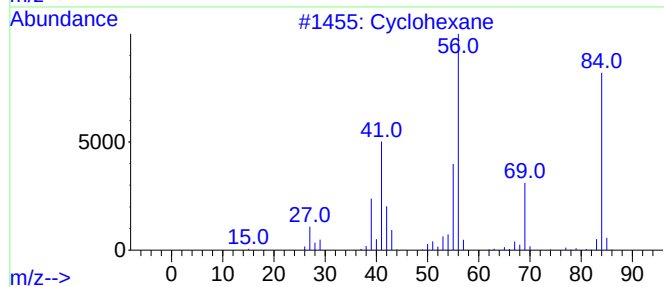
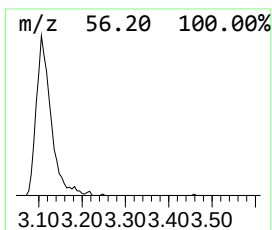
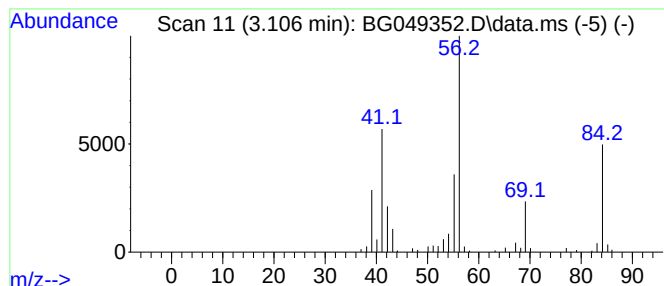
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	21.72 ng/ul	224635	1,4-Dichlorobenzene-d4	8.065

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane	84	C6H12	000110-82-7	91
2			Cyclohexane	84	C6H12	000110-82-7	87
3			Cyclohexane	84	C6H12	000110-82-7	86
4			Cyclohexane	84	C6H12	000110-82-7	72
5			Cyanic acid, 2-methylpropyl ester	99	C5H9NO	001768-25-8	59



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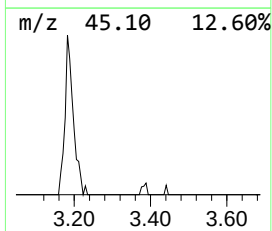
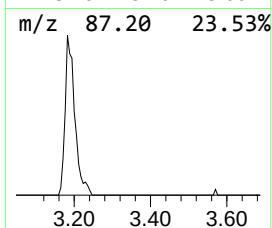
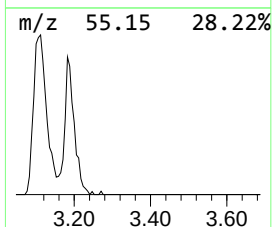
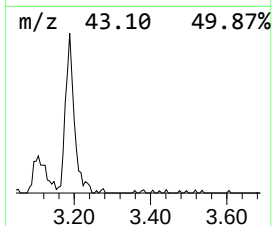
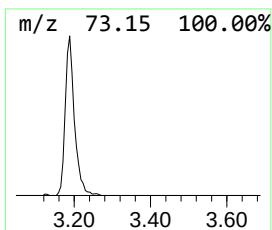
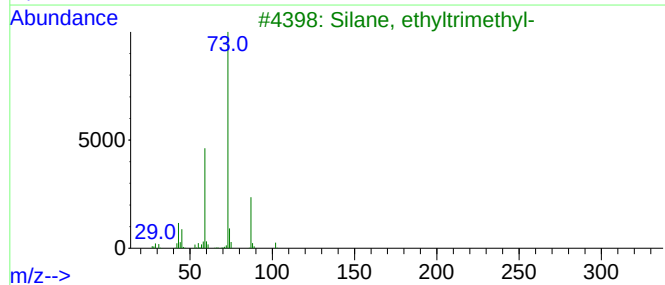
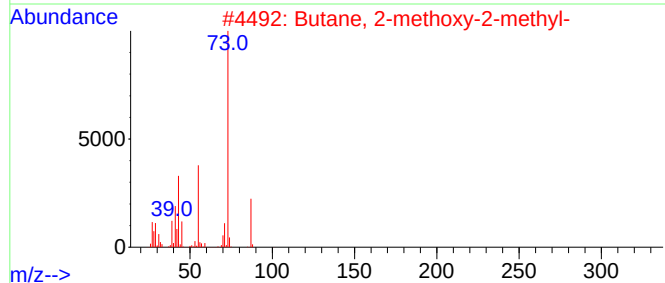
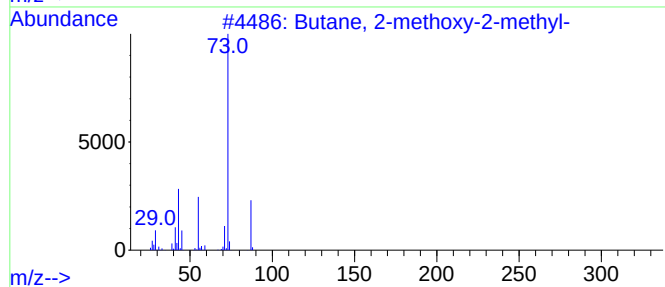
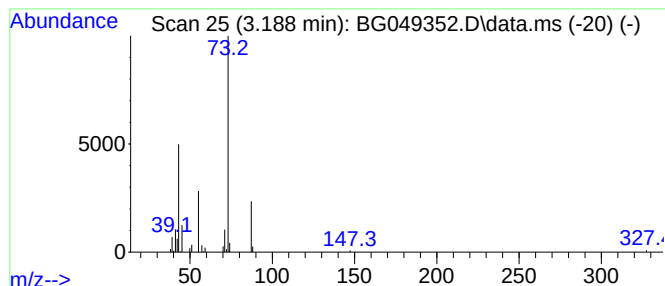
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	11.68 ng/ul	120792	1,4-Dichlorobenzene-d4	8.065

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	78
3			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4			Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	12
5			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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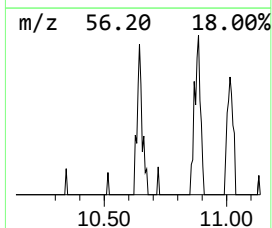
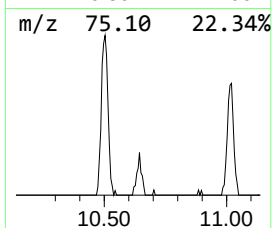
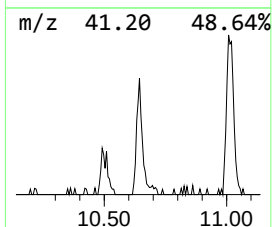
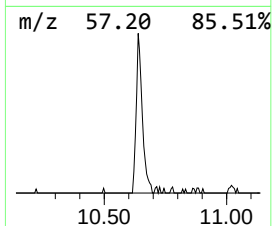
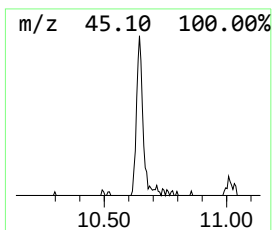
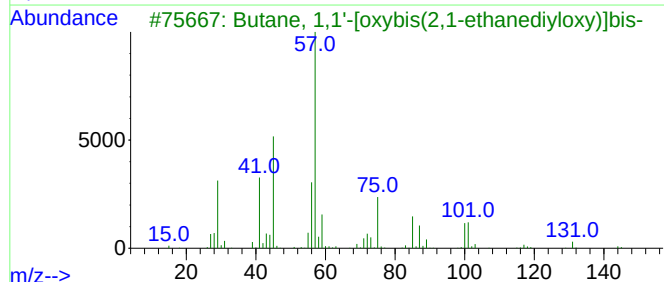
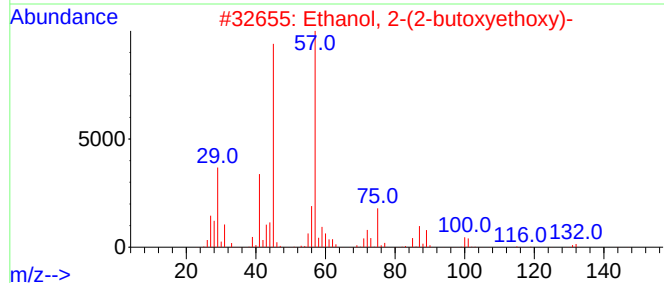
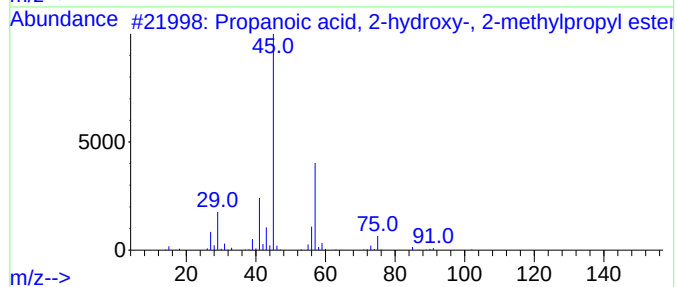
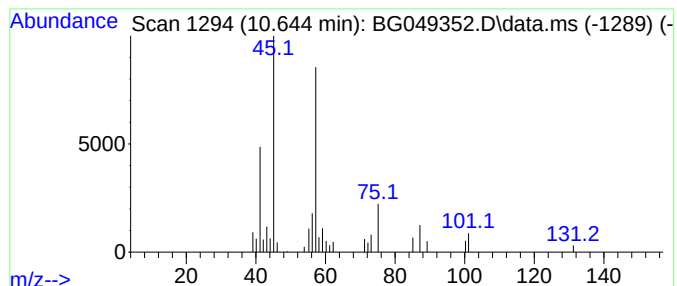
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Propanoic acid, 2-hydroxy-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.640	3.36 ng/ul	48437	Naphthalene-d8	10.885

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	64
2			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
3			Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	64
4			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	56
5			Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56



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ClientSampleId :
BGE95

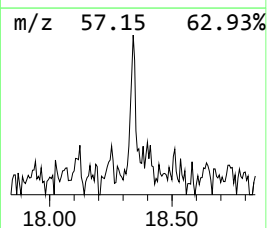
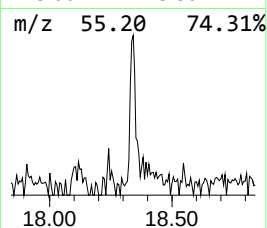
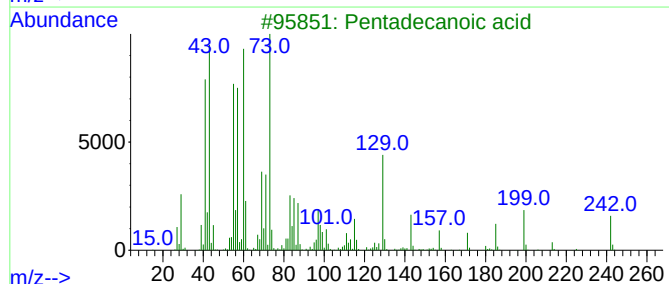
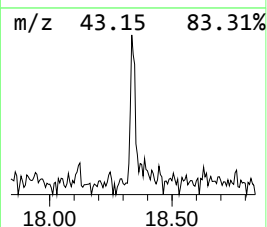
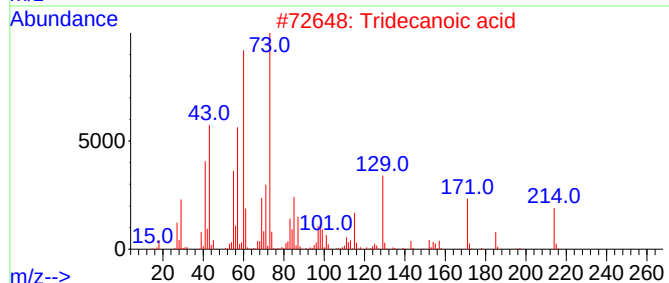
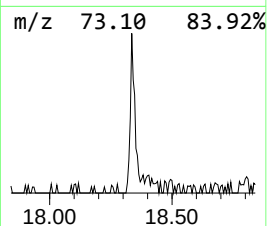
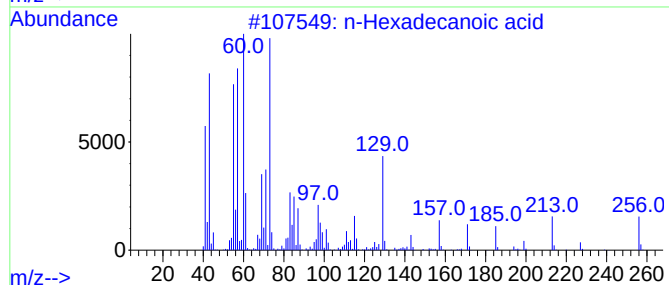
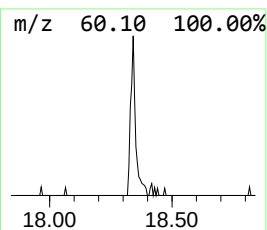
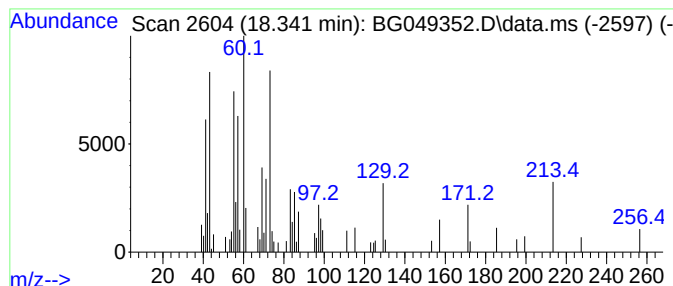
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.340	2.29 ng/ul	57032	Phenanthrene-d10	17.460

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2			Tridecanoic acid	214	C13H26O2	000638-53-9	72
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4			Tridecanoic acid	214	C13H26O2	000638-53-9	59
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049352.D
Acq On : 15 Jul 2021 7:08
Operator : CG/JU
Sample : M2971-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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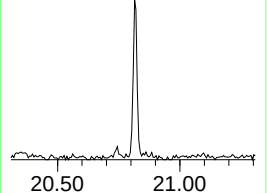
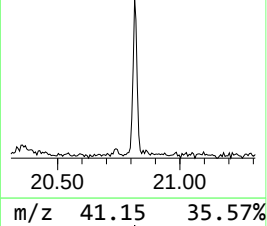
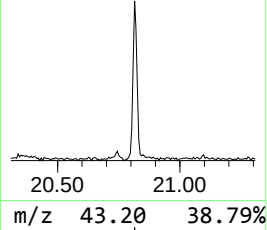
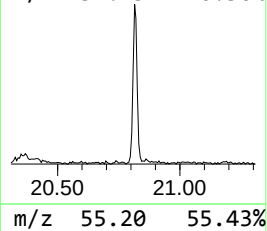
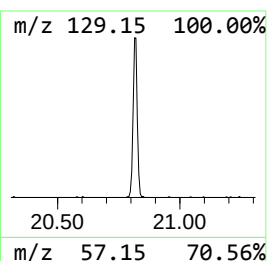
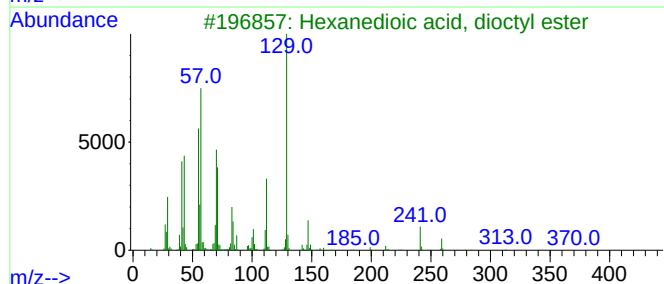
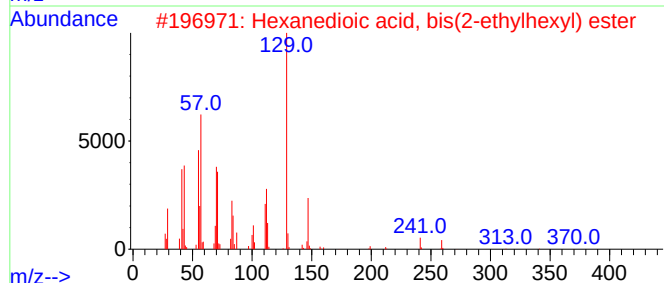
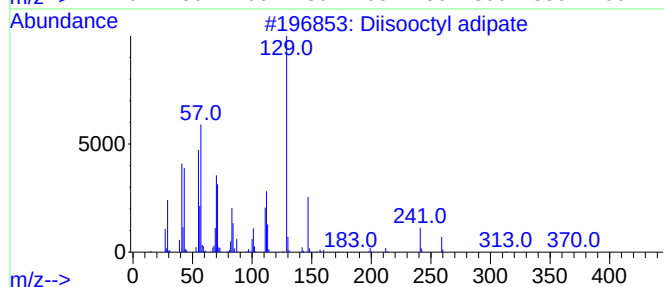
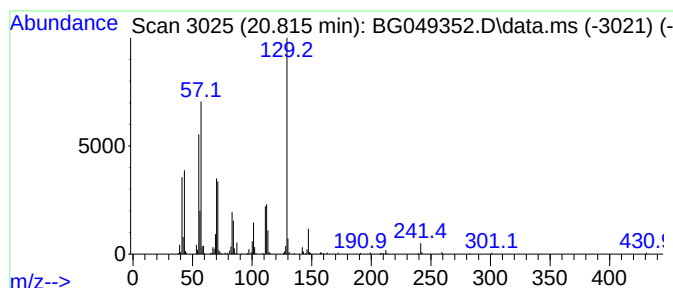
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Diisooctyl adipate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.810	11.00 ng/ul	290121	Chrysene-d12	21.743

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3			Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
4			Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
5			Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049352.D
Acq On : 15 Jul 2021 7:08
Operator : CG/JU
Sample : M2971-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BGE95

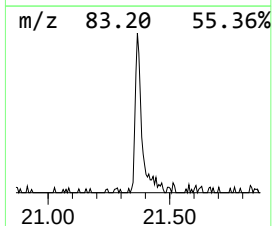
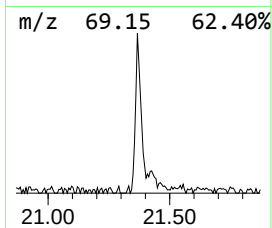
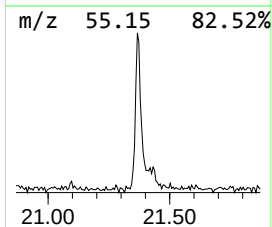
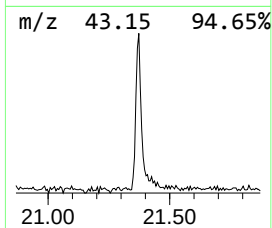
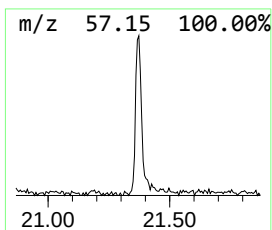
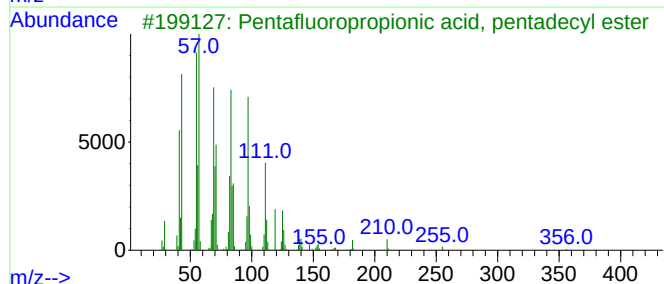
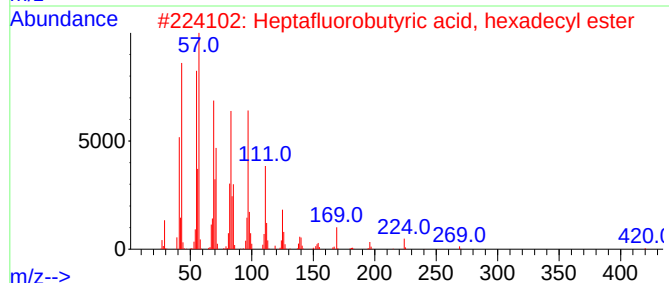
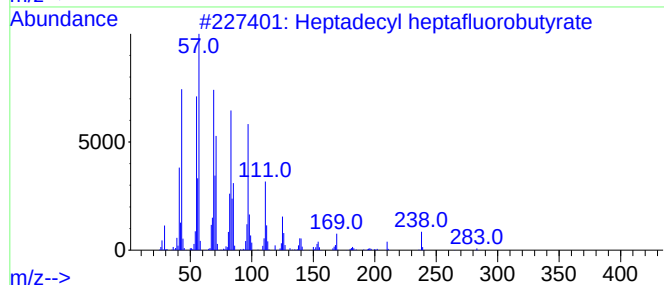
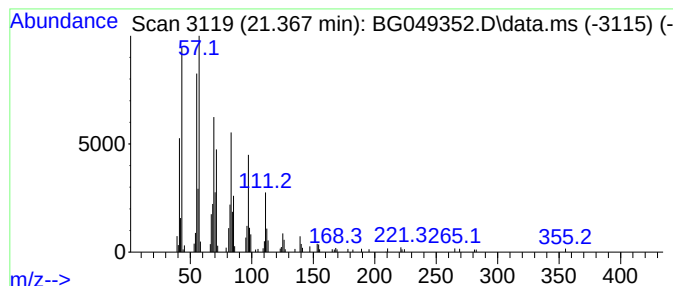
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Heptadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.370	7.48 ng/ul	197257	Chrysene-d12	21.743

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4			Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91
5			Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049352.D
Acq On : 15 Jul 2021 7:08
Operator : CG/JU
Sample : M2971-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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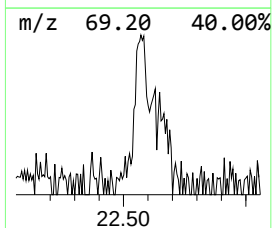
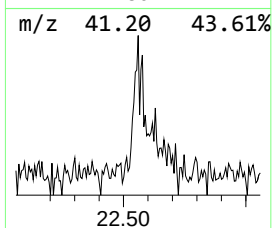
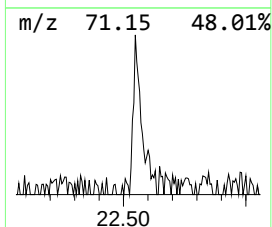
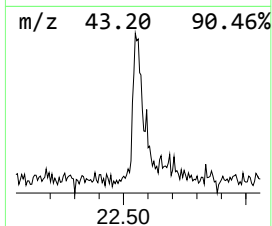
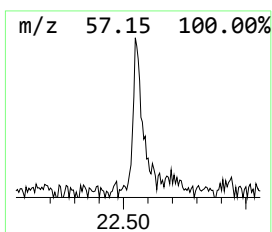
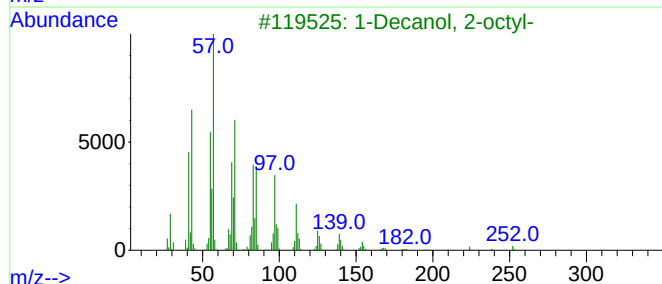
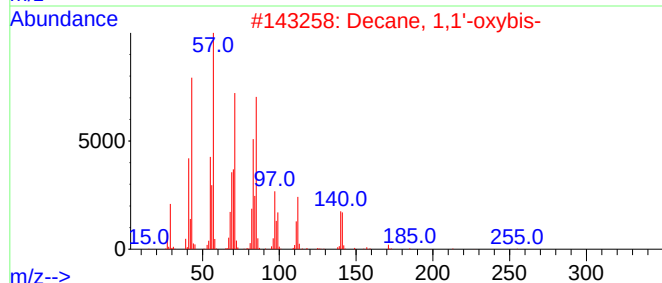
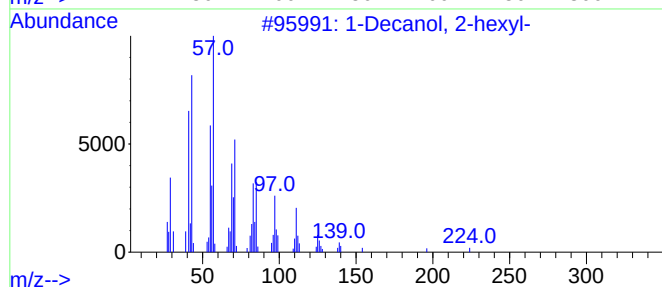
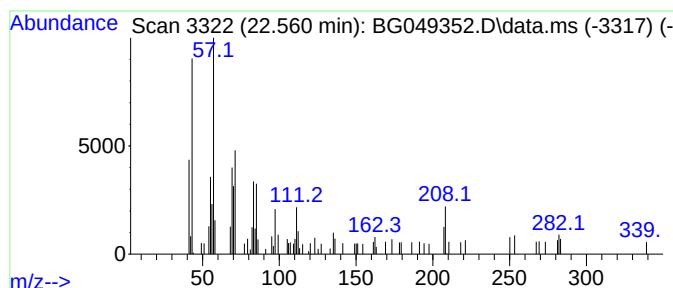
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Decanol, 2-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.560	2.27 ng/ul	59950	Chrysene-d12	21.743

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-			242	C16H34O	002425-77-6	52
2	Decane, 1,1'-oxybis-			298	C20H42O	002456-28-2	45
3	1-Decanol, 2-octyl-			270	C18H38O	045235-48-1	43
4	1-Dodecanol, 2-octyl-			298	C20H42O	005333-42-6	43
5	1-Dodecanol, 2-hexyl-			270	C18H38O	110225-00-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049352.D
Acq On : 15 Jul 2021 7:08
Operator : CG/JU
Sample : M2971-12
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.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
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Butane, 2-metho...	3.190	11.7	ng/ul	120792	1	8.065	206847	20.0
Propanoic acid,...	10.640	3.4	ng/ul	48437	2	10.885	288246	20.0
n-Hexadecanoic ...	18.340	2.3	ng/ul	57032	4	17.460	498104	20.0
Diisooctyl adipate	20.810	11.0	ng/ul	290121	5	21.743	527288	20.0
Heptadecyl hept...	21.370	7.5	ng/ul	197257	5	21.743	527288	20.0
1-Decanol, 2-he...	22.560	2.3	ng/ul	59950	5	21.743	527288	20.0