

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
 Data File : BM028100.D
 Acq On : 10 Dec 2020 13:56
 Operator : JU/CG
 Sample : L4958-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S42

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\SFAM-EPA-BM120820.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	3.458	43	46	49	rBV	34160	43379	0.77%	0.041%
2	3.499	49	53	60	rVB	174874	232302	4.14%	0.219%
3	3.928	122	126	139	rBV	224735	378119	6.75%	0.357%
4	4.281	181	186	191	rBV	13526	17743	0.32%	0.017%
5	4.522	224	227	233	rVB2	8550	11349	0.20%	0.011%
6	4.634	241	246	255	rVB	344172	467115	8.33%	0.441%
7	4.969	296	303	310	rVB4	7136	12976	0.23%	0.012%
8	5.275	350	355	367	rBV	557358	804601	14.36%	0.759%
9	7.399	708	716	720	rBV3	1205751	2381555	42.49%	2.247%
10	7.434	720	722	731	rVV	869845	1203114	21.47%	1.135%
11	7.587	741	748	760	rVB	429623	679740	12.13%	0.641%
12	7.798	777	784	787	rBV	583416	1042257	18.60%	0.983%
13	7.828	787	789	804	rVB	574963	807701	14.41%	0.762%
14	8.275	857	865	871	rBV	503909	803359	14.33%	0.758%
15	8.328	871	874	878	rVB2	7724	10420	0.19%	0.010%
16	8.981	977	985	994	rBV	603383	964702	17.21%	0.910%
17	9.087	994	1003	1011	rBV	625592	964339	17.21%	0.910%
18	9.451	1058	1065	1069	rBV	507984	866636	15.46%	0.818%
19	9.498	1069	1073	1083	rVV	460646	735855	13.13%	0.694%
20	9.845	1127	1132	1136	rBV	25031	36044	0.64%	0.034%
21	10.181	1180	1189	1192	rBV	420063	733221	13.08%	0.692%
22	10.210	1192	1194	1206	rVB	419450	621559	11.09%	0.586%
23	10.722	1274	1281	1283	rBV	707086	1235669	22.05%	1.166%
24	10.745	1283	1285	1293	rVB	736615	976942	17.43%	0.922%
25	11.057	1331	1338	1341	rBV	73951	112731	2.01%	0.106%
26	11.110	1341	1347	1351	rVV	664807	1125182	20.08%	1.062%
27	11.163	1351	1356	1362	rVB	677098	1136785	20.28%	1.073%
28	11.234	1362	1368	1375	rBV	595438	1012980	18.07%	0.956%
29	11.439	1396	1403	1411	rBV	764864	1212001	21.62%	1.144%
30	12.357	1552	1559	1575	rBV	1252130	1934301	34.51%	1.825%
31	12.486	1577	1581	1586	rVB2	9479	14761	0.26%	0.014%
32	12.610	1594	1602	1608	rVB	48266	74381	1.33%	0.070%
33	12.675	1608	1613	1619	rVB	10575	15635	0.28%	0.015%
34	12.875	1641	1647	1655	rBV	13174	19654	0.35%	0.019%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
 Data File : BM028100.D
 Acq On : 10 Dec 2020 13:56
 Operator : JU/CG
 Sample : L4958-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S42

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\SFAM-EPA-BM120820.M
 Title : SVOA CALIBRATION

35	12.969	1655	1663	1671	rVV	1163611	1718189	30.66%	1.621%
36	13.110	1680	1687	1693	rBV	742907	1123048	20.04%	1.060%
37	13.339	1719	1726	1732	rBV	1205996	1761400	31.43%	1.662%
38	13.510	1749	1755	1763	rVB5	5953	10739	0.19%	0.010%
39	13.628	1770	1775	1777	rBV3	10889	14095	0.25%	0.013%
40	13.739	1784	1794	1798	rBV	1463414	2442767	43.58%	2.305%
41	13.786	1798	1802	1816	rVB2	1728482	2660495	47.47%	2.510%
42	14.298	1882	1889	1893	rBV	1144425	1612019	28.76%	1.521%
43	14.345	1893	1897	1904	rVV	952857	1292536	23.06%	1.220%
44	14.416	1904	1909	1912	rVV6	5208	9488	0.17%	0.009%
45	14.463	1912	1917	1923	rVV	689693	960345	17.13%	0.906%
46	14.539	1923	1930	1934	rVV6	11186	20890	0.37%	0.020%
47	14.598	1934	1940	1949	rVB2	1320829	1919419	34.25%	1.811%
48	14.769	1963	1969	1974	rBV	26508	33335	0.59%	0.031%
49	14.898	1985	1991	1997	rVV	966235	1454311	25.95%	1.372%
50	14.963	1997	2002	2010	rVB	1305542	1874261	33.44%	1.769%
51	15.074	2012	2021	2037	rBV2	858638	1648834	29.42%	1.556%
52	15.204	2039	2043	2049	rVV9	5490	11954	0.21%	0.011%
53	15.292	2049	2058	2067	rVB	955341	1368917	24.42%	1.292%
54	15.510	2088	2095	2106	rBV	838949	1154794	20.60%	1.090%
55	15.651	2114	2119	2124	rBV2	11553	24858	0.44%	0.023%
56	15.710	2124	2129	2135	rVB	144590	179771	3.21%	0.170%
57	15.880	2152	2158	2162	rVV	1669794	2414384	43.08%	2.278%
58	15.921	2162	2165	2170	rVV	846179	1074041	19.16%	1.013%
59	15.998	2170	2178	2191	rVV3	1188663	2227802	39.75%	2.102%
60	16.116	2194	2198	2203	rVB3	22927	33409	0.60%	0.032%
61	16.410	2242	2248	2251	rBV7	4797	11054	0.20%	0.010%
62	16.563	2267	2274	2277	rBV3	10587	18018	0.32%	0.017%
63	16.721	2297	2301	2311	rVB6	12201	23356	0.42%	0.022%
64	16.845	2316	2322	2328	rVB2	12147	23005	0.41%	0.022%
65	16.927	2330	2336	2341	rBV	857488	1214904	21.68%	1.146%
66	17.145	2368	2373	2380	rBV5	8652	16131	0.29%	0.015%
67	17.263	2387	2393	2403	rVV	1338737	1882417	33.59%	1.776%
68	17.345	2403	2407	2413	rVV	65736	84685	1.51%	0.080%
69	17.616	2446	2453	2457	rBV	1115354	1659873	29.61%	1.566%
70	17.663	2457	2461	2465	rVV	1240955	1727668	30.82%	1.630%
71	17.715	2465	2470	2473	rVV	1753031	2499531	44.60%	2.359%

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
 Data File : BM028100.D
 Acq On : 10 Dec 2020 13:56
 Operator : JU/CG
 Sample : L4958-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2S42

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\SFAM-EPA-BM120820.M
 Title : SVOA CALIBRATION

72	17.751	2473	2476	2486	rVB	1474546	1950850	34.81%	1.841%
73	17.892	2494	2500	2505	rVB9	6452	13161	0.23%	0.012%
74	17.968	2505	2513	2514	rBV5	22549	38930	0.69%	0.037%
75	18.010	2514	2520	2526	rVV	1278108	1731947	30.90%	1.634%
76	18.080	2526	2532	2542	rVV	1197601	1516487	27.06%	1.431%
77	18.251	2555	2561	2567	rVB7	23174	37406	0.67%	0.035%
78	18.427	2587	2591	2593	rBV	17679	21234	0.38%	0.020%
79	18.462	2593	2597	2605	rVV	114732	163511	2.92%	0.154%
80	18.545	2606	2611	2622	rVB	1255433	1524156	27.19%	1.438%
81	18.757	2644	2647	2652	rBV	20832	24422	0.44%	0.023%
82	19.004	2687	2689	2696	rVB7	11257	15160	0.27%	0.014%
83	19.315	2737	2742	2749	rBV3	80427	162949	2.91%	0.154%
84	19.374	2750	2752	2755	rVB2	15217	17559	0.31%	0.017%
85	19.645	2787	2798	2806	rBV	3145356	4357587	77.75%	4.112%
86	19.715	2807	2810	2817	rVB6	31714	45288	0.81%	0.043%
87	19.868	2832	2836	2837	rBV	18178	24712	0.44%	0.023%
88	19.974	2846	2854	2856	rBV	2093090	3138548	56.00%	2.961%
89	19.998	2856	2858	2864	rVV	2320302	2769345	49.41%	2.613%
90	20.068	2867	2870	2873	rBV4	23929	29052	0.52%	0.027%
91	20.856	2999	3004	3009	rBV	1309202	1401647	25.01%	1.323%
92	21.409	3094	3098	3111	rBV	358782	686536	12.25%	0.648%
93	21.609	3128	3132	3137	rBV	2145599	2224619	39.69%	2.099%
94	21.715	3144	3150	3155	rBV2	3257101	5604880	100.00%	5.289%
95	21.768	3155	3159	3164	rVB	2170630	2721633	48.56%	2.568%
96	23.397	3430	3436	3448	rVB	1635905	2769949	49.42%	2.614%
97	23.974	3527	3534	3538	rBV	1486518	2994866	53.43%	2.826%
98	24.027	3538	3543	3550	rVV	1242736	2448862	43.69%	2.311%
99	24.127	3554	3560	3572	rVB	878537	1786611	31.88%	1.686%
100	26.609	3972	3982	3997	rVB2	1599859	4861297	86.73%	4.587%

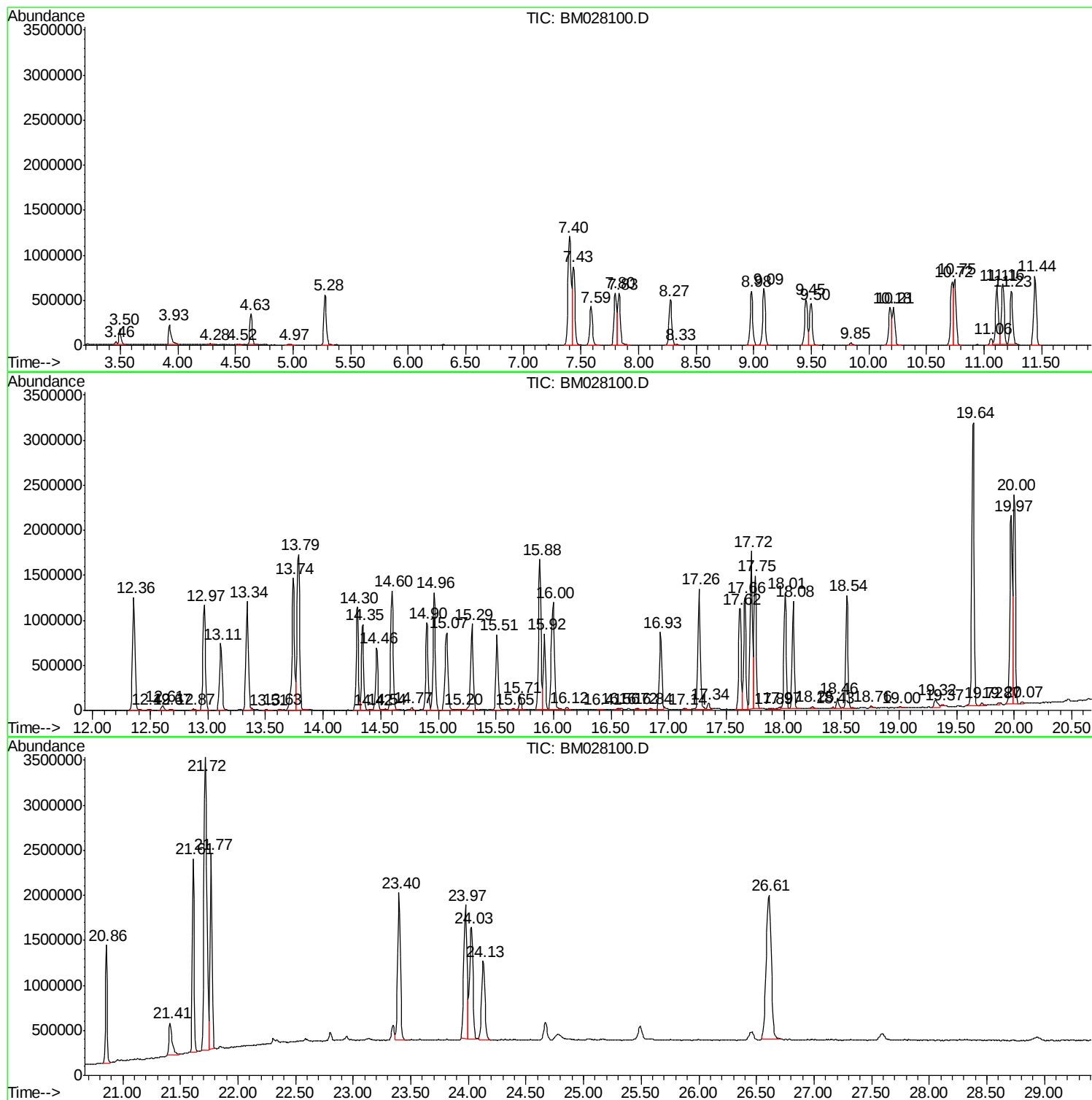
Sum of corrected areas: 105979055

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

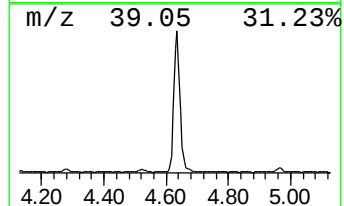
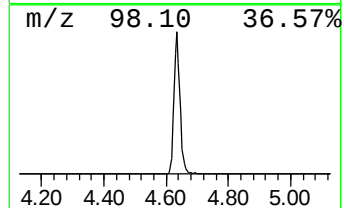
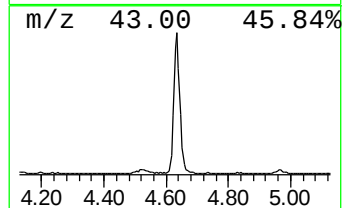
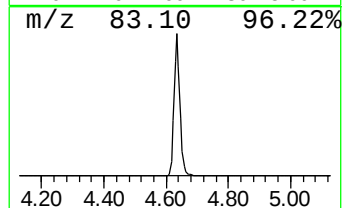
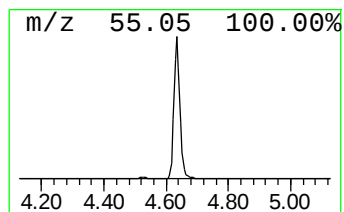
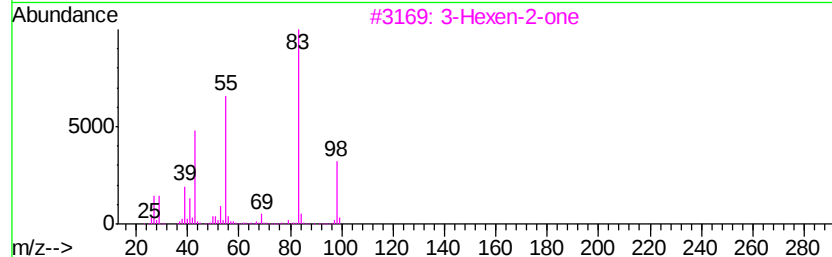
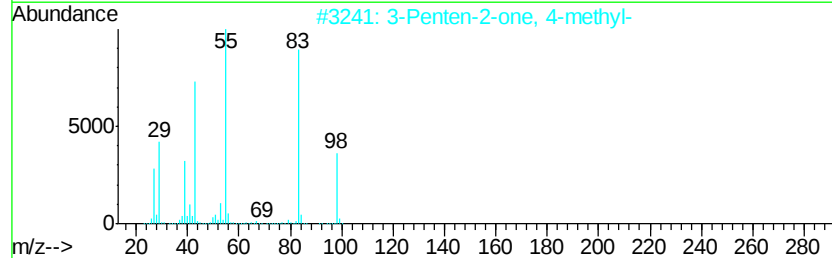
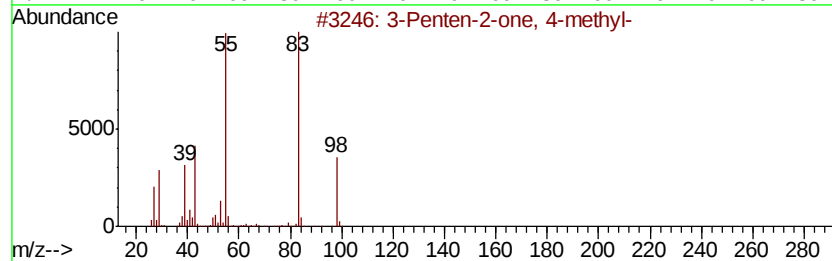
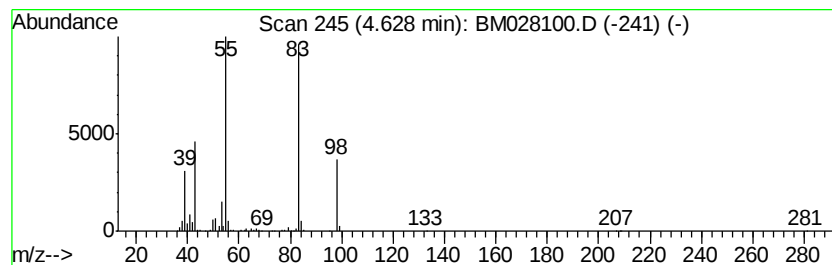
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	11.63 ng/ul	467115	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3			3-Hexen-2-one	98	C6H10O	000763-93-9	90
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5			2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

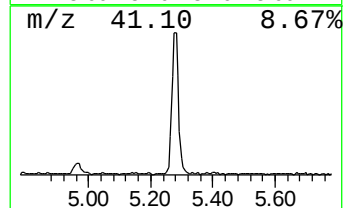
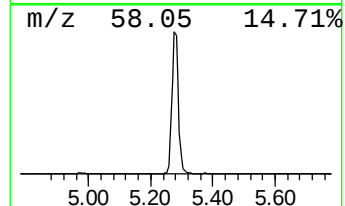
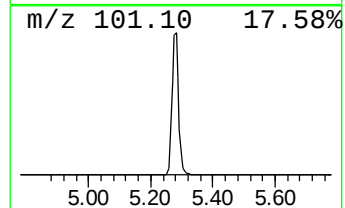
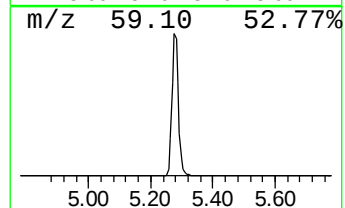
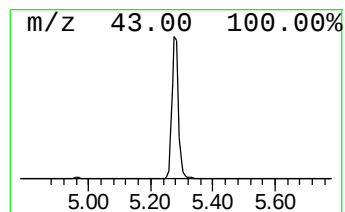
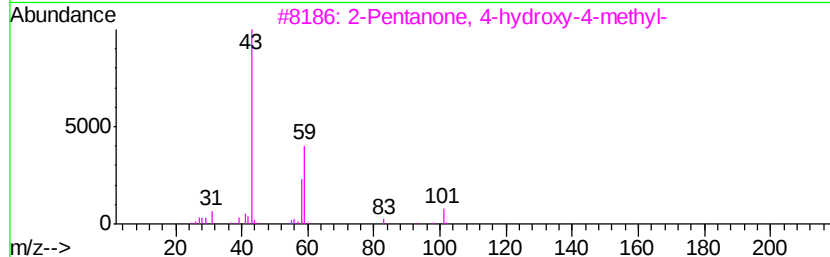
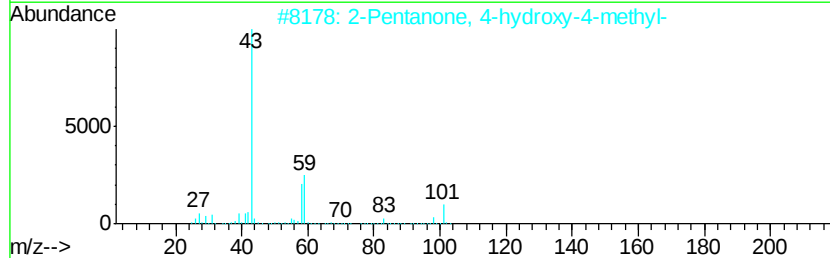
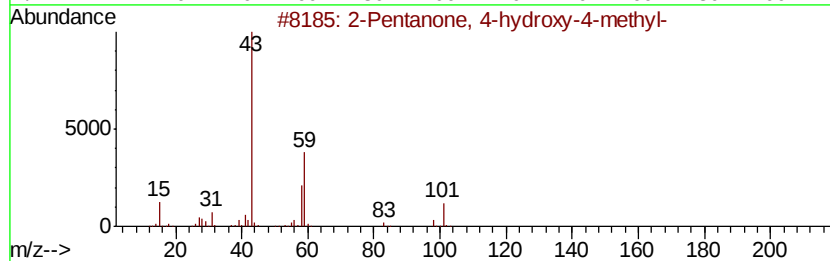
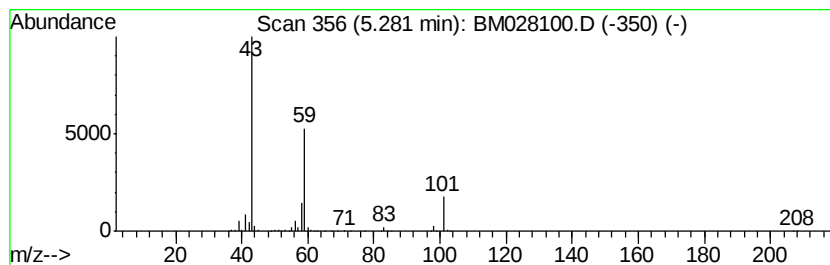
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.28	20.03 ng/ul	804601	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

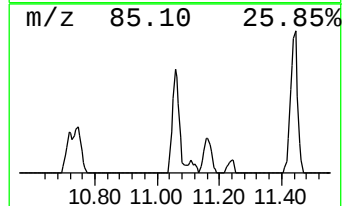
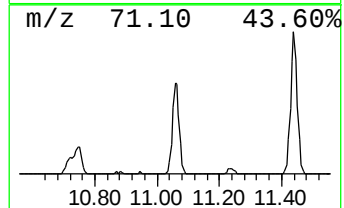
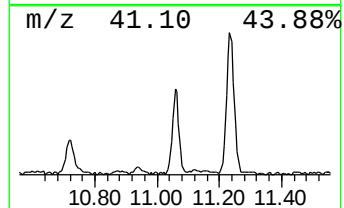
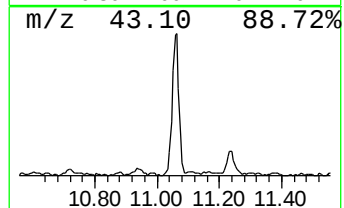
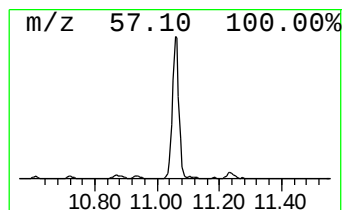
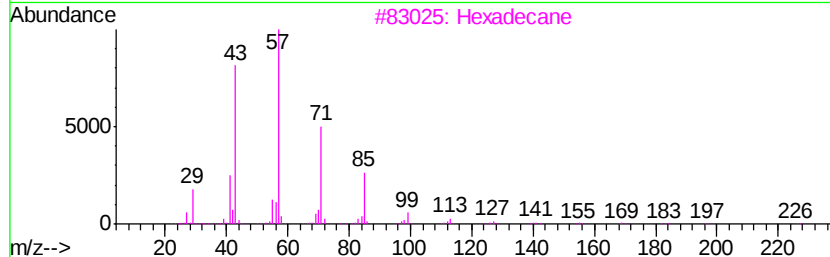
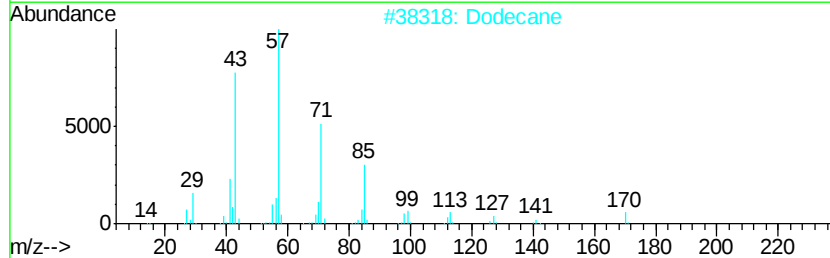
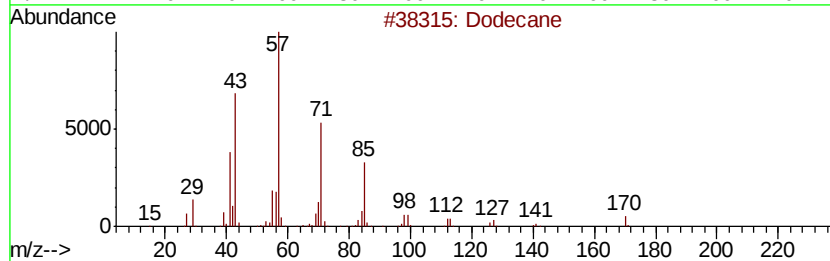
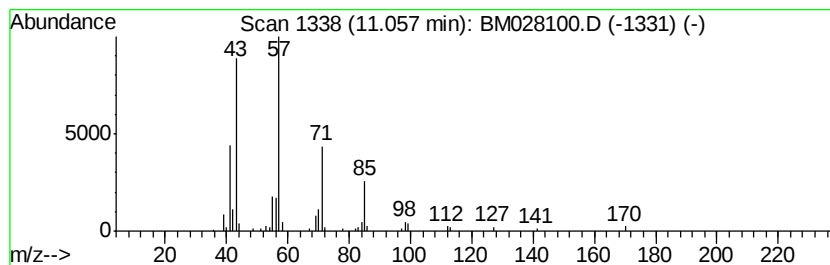
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	2.00 ng/ul	112731	Naphthalene-d8	11.11

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	91
2	Dodecane		170	C12H26	000112-40-3	90
3	Hexadecane		226	C16H34	000544-76-3	86
4	Tridecane		184	C13H28	000629-50-5	80
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

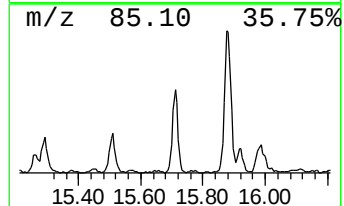
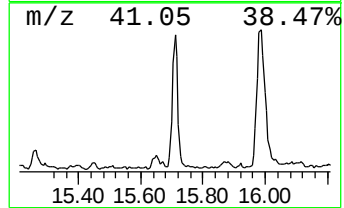
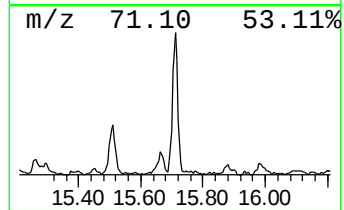
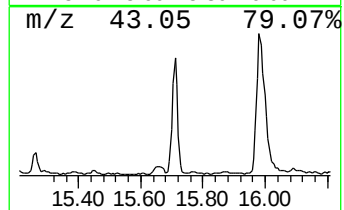
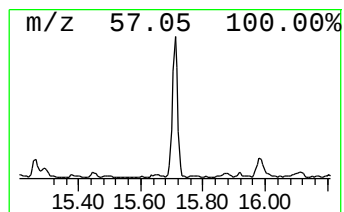
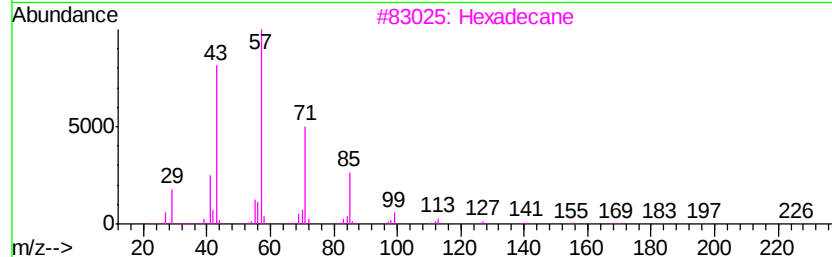
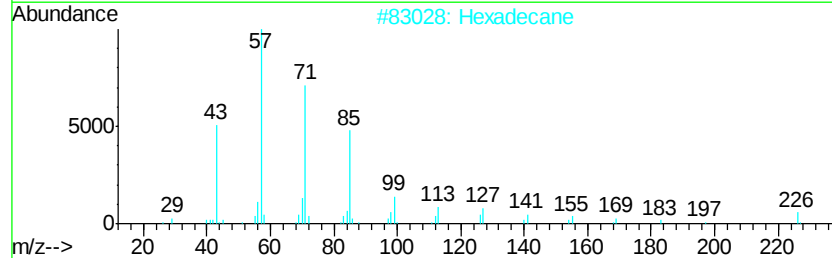
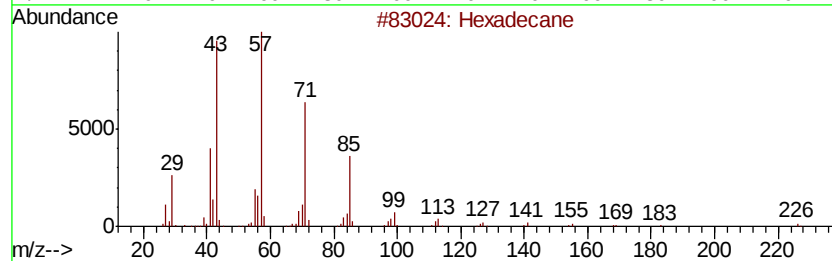
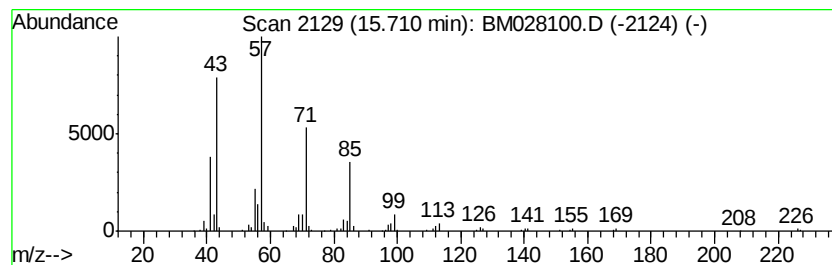
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	2.47 ng/ul	179771	Acenaphthene-d10	14.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane			226	C16H34	000544-76-3	94
2	Hexadecane			226	C16H34	000544-76-3	91
3	Hexadecane			226	C16H34	000544-76-3	91
4	Tetradecane			198	C14H30	000629-59-4	90
5	Tetradecane			198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

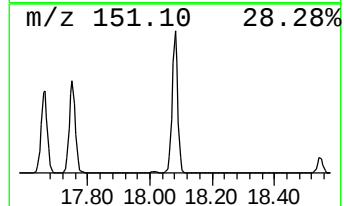
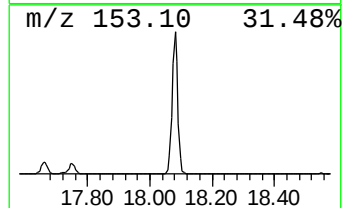
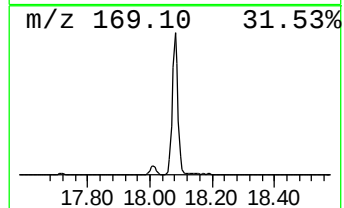
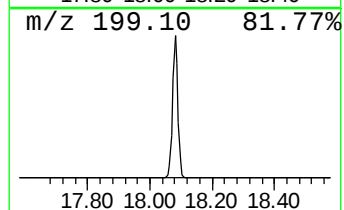
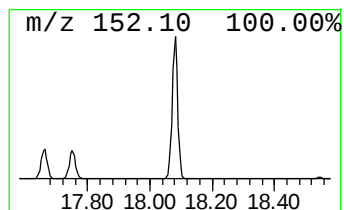
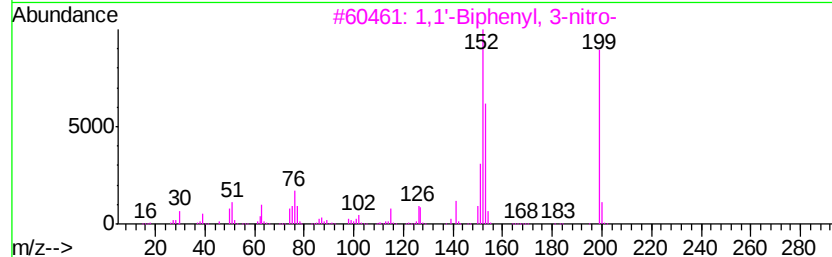
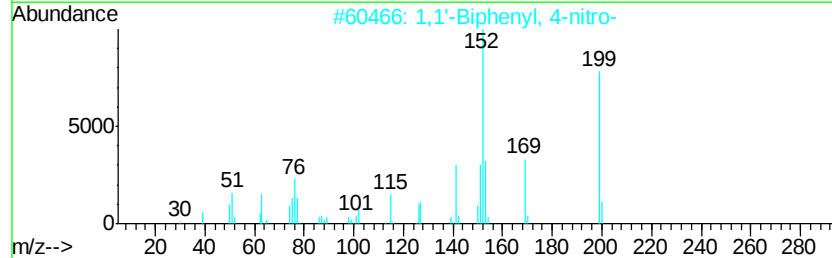
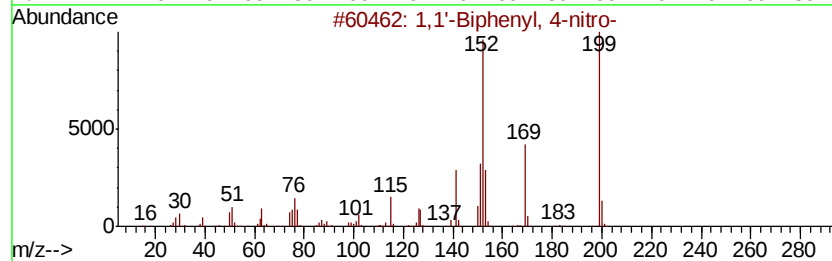
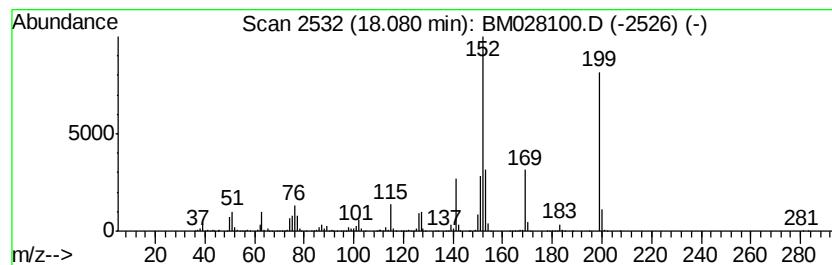
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 4-nitro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	18.27 ng/ul	1516490	Phenanthrene-d10	17.62

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2		1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3		1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89
4		Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	86
5		Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

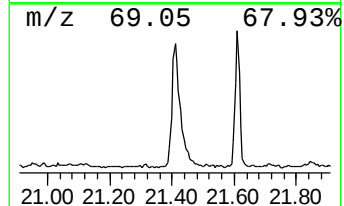
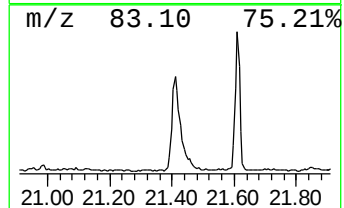
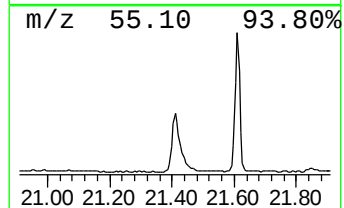
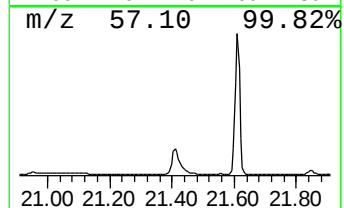
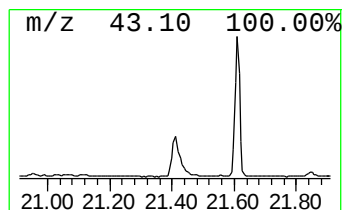
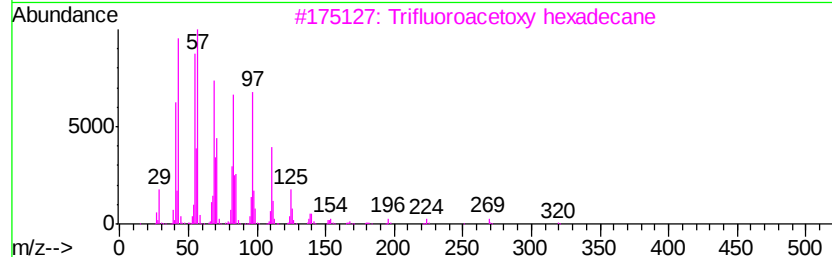
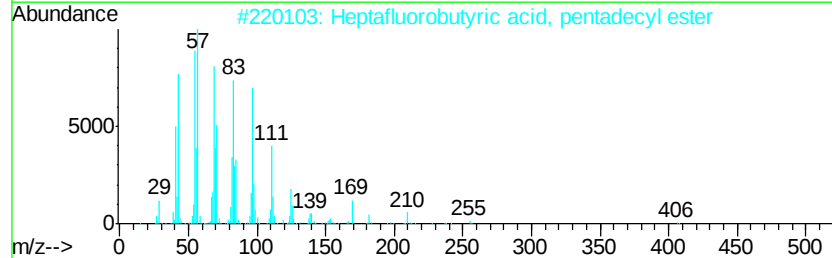
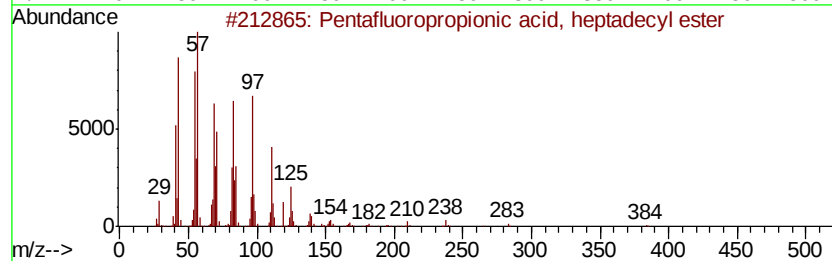
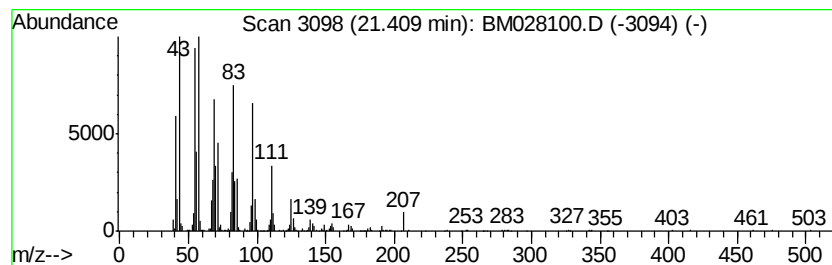
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	2.45 ng/ul	686536	Chrysene-d12	21.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
5		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121020\
Data File : BM028100.D
Acq On : 10 Dec 2020 13:56
Operator : JU/CG
Sample : L4958-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2S42

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.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
3-Penten-2-one, 4...	4.63	11.6	ng/ul	467115	1	8.27	803359	20.0
2-Pentanone, 4-hy...	5.28	20.0	ng/ul	804601	1	8.27	803359	20.0
(DEL) Alkane: Str...	11.06	2.0	ng/ul	112731	2	11.11	1125180	20.0
(DEL) Alkane: Str...	15.71	2.5	ng/ul	179771	3	14.90	1454310	20.0
1,1'-Biphenyl, 4-...	18.08	18.3	ng/ul	1516490	4	17.62	1659870	20.0
Pentafluoropropio...	21.41	2.5	ng/ul	686536	5	21.73	5604880	20.0