

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028234.D
 Acq On : 22 Dec 2020 12:13
 Operator : JU/CG
 Sample : L5114-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54P5

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-BM121520MA.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	3.410	34	38	41	rBV	30909	42125	1.22%	0.050%
2	3.446	41	44	54	rVB	99072	131308	3.82%	0.155%
3	3.722	88	91	100	rBV	28312	47207	1.37%	0.056%
4	4.216	171	175	182	rVB	8892	12829	0.37%	0.015%
5	4.581	233	237	242	rBV6	3188	5296	0.15%	0.006%
6	5.210	339	344	353	rBV	208415	288925	8.40%	0.341%
7	6.234	511	518	523	rBV5	3643	6117	0.18%	0.007%
8	6.434	548	552	559	rBV	4603	6546	0.19%	0.008%
9	7.145	669	673	681	rVB4	2708	4639	0.13%	0.005%
10	7.328	695	704	707	rBV2	717156	1562159	45.41%	1.846%
11	7.363	707	710	721	rVB	913173	1358541	39.49%	1.605%
12	7.510	728	735	744	rBV	406946	636920	18.51%	0.753%
13	7.604	744	751	761	rVB	496393	728288	21.17%	0.861%
14	7.716	764	770	777	rBV	554269	891917	25.93%	1.054%
15	7.781	777	781	794	rVB	42828	66482	1.93%	0.079%
16	8.198	845	852	858	rBV	401375	637323	18.53%	0.753%
17	8.251	858	861	866	rVB	5329	6989	0.20%	0.008%
18	8.898	963	971	982	rBV	630728	1022554	29.72%	1.208%
19	9.292	1031	1038	1045	rBV	695015	1138123	33.08%	1.345%
20	9.375	1045	1052	1055	rVV	472397	797072	23.17%	0.942%
21	9.416	1055	1059	1070	rVV	305091	486924	14.15%	0.575%
22	9.763	1110	1118	1123	rVB	19387	29770	0.87%	0.035%
23	9.969	1147	1153	1162	rBV2	6908	11825	0.34%	0.014%
24	10.098	1167	1175	1178	rBV	403053	728702	21.18%	0.861%
25	10.127	1178	1180	1190	rVB	487017	729494	21.21%	0.862%
26	10.633	1259	1266	1276	rBV	622873	1041275	30.27%	1.230%
27	10.786	1289	1292	1301	rVB5	2987	5029	0.15%	0.006%
28	11.027	1325	1333	1337	rBV	515495	902637	26.24%	1.067%
29	11.074	1337	1341	1348	rVV	1142572	1853106	53.87%	2.190%
30	11.157	1348	1355	1367	rVB	607791	1036478	30.13%	1.225%
31	12.127	1514	1520	1525	rBV3	3232	4962	0.14%	0.006%
32	12.410	1564	1568	1576	rVB	5451	9059	0.26%	0.011%
33	12.527	1578	1588	1592	rBV	6829	12267	0.36%	0.014%
34	12.568	1592	1595	1597	rVV	4676	6314	0.18%	0.007%

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35	12.598	1597	1600	1605	rVB2	9233	12437	0.36%	0.015%
36	12.668	1605	1612	1619	rBV	1854662	2879602	83.71%	3.403%
37	12.792	1626	1633	1638	rBV6	7858	16591	0.48%	0.020%
38	12.886	1642	1649	1657	rVV	957090	1475394	42.89%	1.743%
39	13.033	1667	1674	1680	rBV	508613	757853	22.03%	0.896%
40	13.333	1715	1725	1736	rBV	1294594	2012039	58.49%	2.378%
41	13.668	1771	1782	1785	rBV	1563233	2275199	66.14%	2.689%
42	13.710	1785	1789	1797	rVB	1259644	1891831	54.99%	2.236%
43	14.221	1870	1876	1881	rBV	999455	1418883	41.24%	1.677%
44	14.268	1881	1884	1891	rVV	168725	216876	6.30%	0.256%
45	14.333	1891	1895	1900	rVB5	2863	5303	0.15%	0.006%
46	14.451	1912	1915	1920	rVB3	2984	4576	0.13%	0.005%
47	14.527	1920	1928	1930	rBV	1187351	1961810	57.03%	2.318%
48	14.551	1930	1932	1945	rVB	1307314	1603133	46.60%	1.894%
49	14.698	1953	1957	1962	rVB	8148	11061	0.32%	0.013%
50	14.827	1966	1979	1984	rBV	743929	1091662	31.73%	1.290%
51	14.886	1984	1989	1998	rVB	1254899	1873150	54.45%	2.214%
52	15.004	2001	2009	2018	rBV2	690516	1343197	39.04%	1.587%
53	15.086	2018	2023	2029	rVV	693313	967672	28.13%	1.144%
54	15.174	2032	2038	2042	rVV	518371	711865	20.69%	0.841%
55	15.221	2042	2046	2057	rVB	592372	824432	23.96%	0.974%
56	15.621	2104	2114	2122	rBV	684672	924001	26.86%	1.092%
57	15.809	2139	2146	2150	rBV	1534293	2112506	61.41%	2.496%
58	15.862	2150	2155	2160	rVV	1586685	2161821	62.84%	2.555%
59	15.915	2160	2164	2174	rVB	479191	650862	18.92%	0.769%
60	16.045	2180	2186	2190	rVB2	18912	28359	0.82%	0.034%
61	16.104	2193	2196	2202	rVB3	4936	7536	0.22%	0.009%
62	16.327	2231	2234	2240	rBV5	2908	5155	0.15%	0.006%
63	16.521	2265	2267	2272	rVV4	2814	4779	0.14%	0.006%
64	16.580	2274	2277	2281	rVB5	6259	7783	0.23%	0.009%
65	16.774	2306	2310	2315	rBV2	7055	9571	0.28%	0.011%
66	16.856	2318	2324	2329	rVV	494744	666280	19.37%	0.787%
67	17.280	2392	2396	2401	rBV4	5418	8026	0.23%	0.009%
68	17.339	2401	2406	2410	rBV5	6743	10330	0.30%	0.012%
69	17.545	2435	2441	2445	rBV	842659	1238477	36.00%	1.464%
70	17.586	2445	2448	2453	rVV	1465990	2041808	59.35%	2.413%
71	17.645	2453	2458	2461	rVV	1580314	2394836	69.61%	2.830%

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72	17.680	2461	2464	2481	rVV	2586861	3440164	100.00%	4.065%
73	17.903	2498	2502	2505	rBV5	3141	5821	0.17%	0.007%
74	17.933	2505	2507	2513	rVB	7089	9973	0.29%	0.012%
75	18.009	2517	2520	2525	rBV5	4539	6011	0.17%	0.007%
76	18.180	2544	2549	2553	rVB7	6545	8636	0.25%	0.010%
77	18.403	2582	2587	2597	rBV	103156	154533	4.49%	0.183%
78	18.480	2597	2600	2604	rVB	10294	12308	0.36%	0.015%
79	18.692	2633	2636	2639	rBV2	6143	6982	0.20%	0.008%
80	18.821	2656	2658	2662	rVB5	4646	4941	0.14%	0.006%
81	18.939	2673	2678	2686	rBV4	18194	32525	0.95%	0.038%
82	19.050	2695	2697	2702	rBV6	3665	5503	0.16%	0.007%
83	19.192	2719	2721	2726	rBV5	4207	6792	0.20%	0.008%
84	19.315	2739	2742	2746	rBV3	11128	16813	0.49%	0.020%
85	19.574	2775	2786	2793	rBV	1666389	2185461	63.53%	2.583%
86	19.656	2796	2800	2806	rBV2	24476	38819	1.13%	0.046%
87	19.797	2820	2824	2826	rBV	21134	30494	0.89%	0.036%
88	19.903	2836	2842	2845	rBV	1907909	2861704	83.19%	3.382%
89	19.933	2845	2847	2853	rVB	1608069	1693891	49.24%	2.002%
90	21.350	3083	3088	3098	rBV	492633	734482	21.35%	0.868%
91	21.650	3133	3139	3144	rBV2	1627189	3109226	90.38%	3.674%
92	21.697	3144	3147	3153	rVB	1249510	1512775	43.97%	1.788%
93	22.462	3273	3277	3284	rVB	1162224	1424233	41.40%	1.683%
94	23.315	3415	3422	3426	rBV	1660894	2973194	86.43%	3.513%
95	23.356	3426	3429	3436	rVB	963004	1458293	42.39%	1.723%
96	23.880	3511	3518	3522	rBV	1317338	2691339	78.23%	3.180%
97	23.927	3522	3526	3535	rVB	923490	1693482	49.23%	2.001%
98	24.027	3537	3543	3552	rVB2	662582	1318890	38.34%	1.559%
99	26.462	3947	3957	3969	rVB2	940406	2772572	80.59%	3.276%
100	27.209	4075	4084	4096	rVB	815923	2537333	73.76%	2.998%

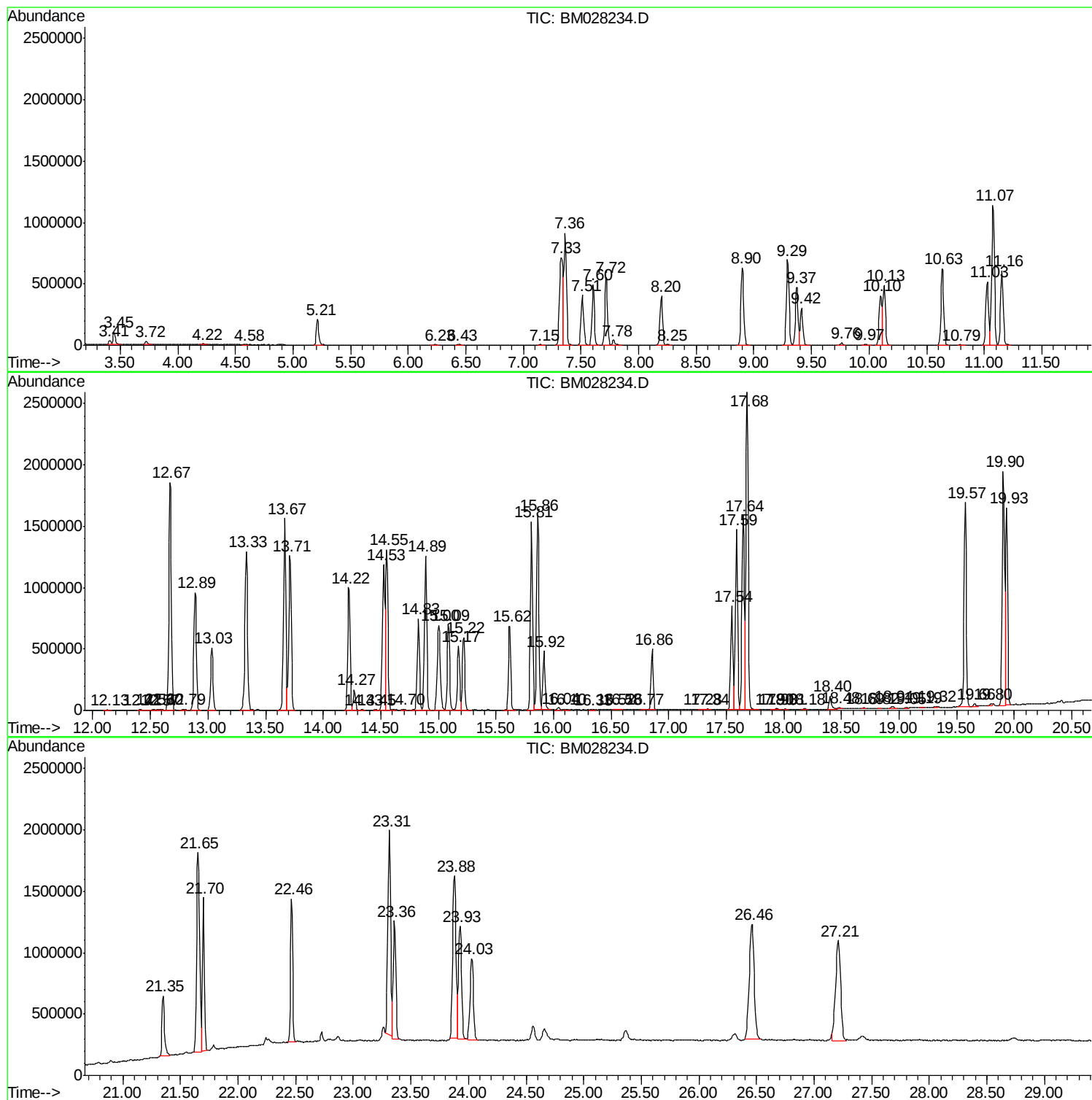
Sum of corrected areas: 84623088

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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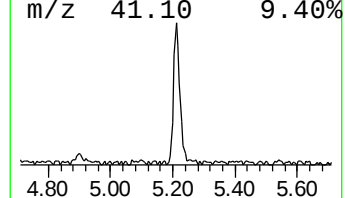
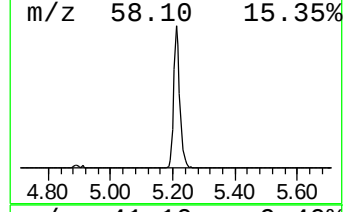
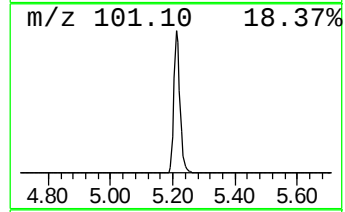
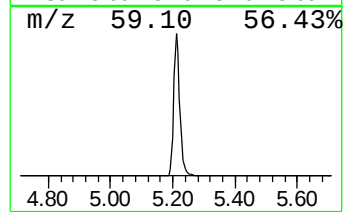
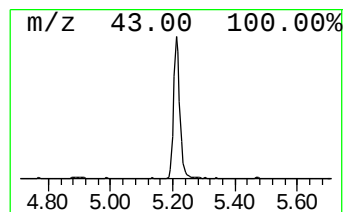
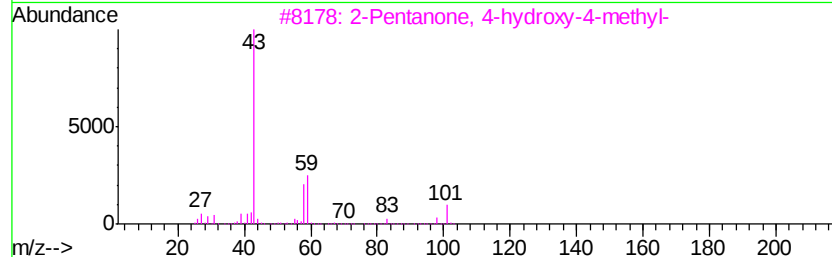
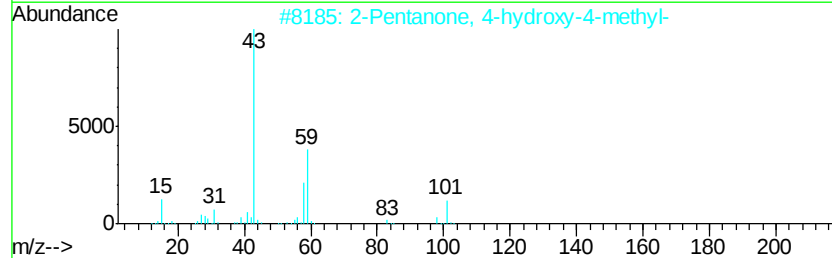
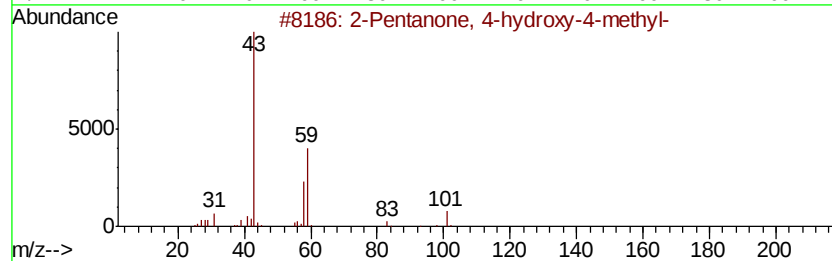
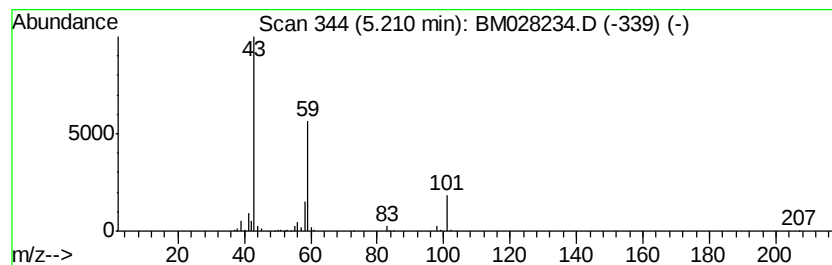
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	9.07 ng/ul	288925	1,4-Dichlorobenzene-d4	8.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25		
4	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23		
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10		



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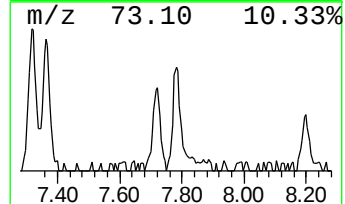
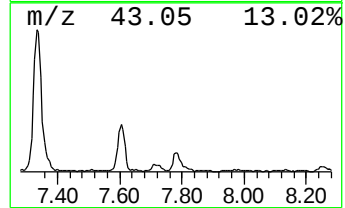
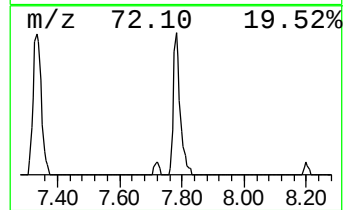
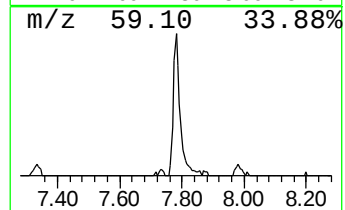
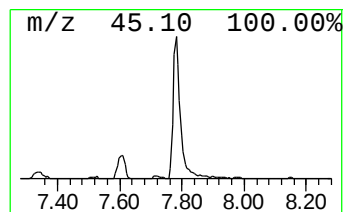
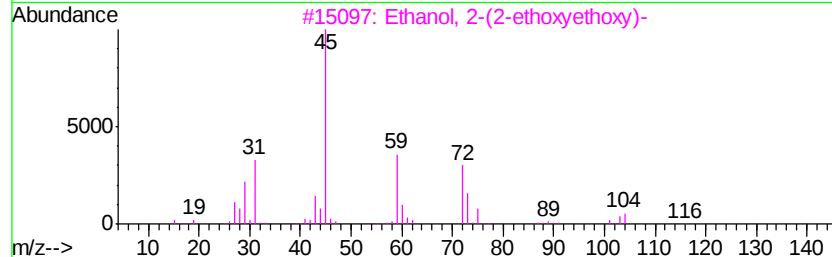
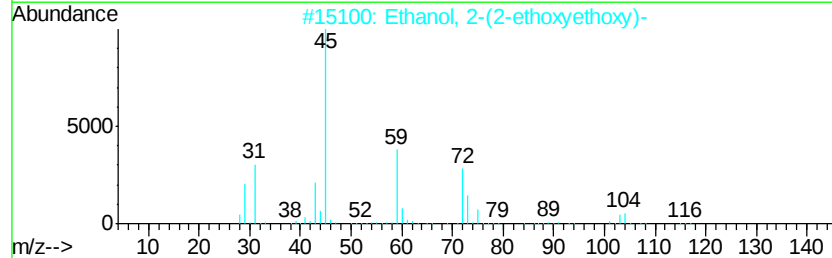
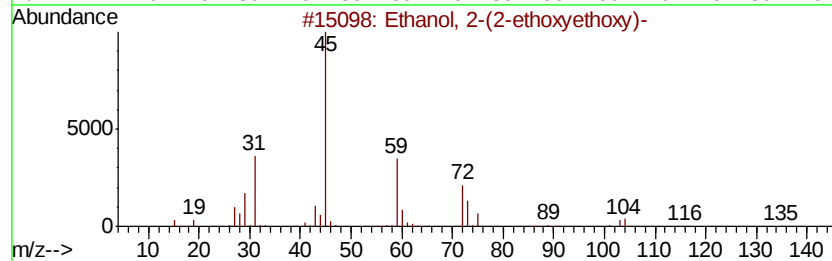
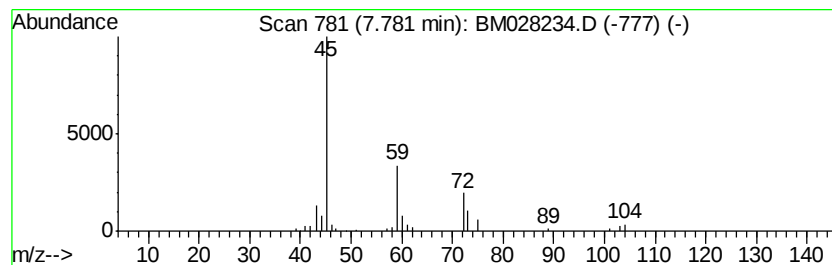
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	2.09 ng/ul	66482	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
4		Diethyl carbitol	162	C8H18O3	000112-36-7	78
5		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	53



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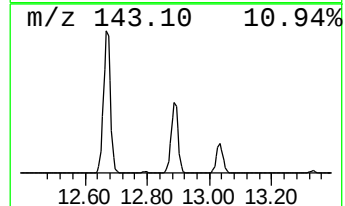
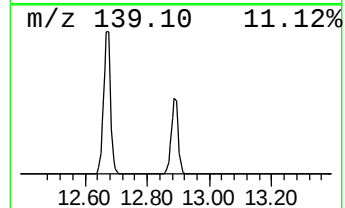
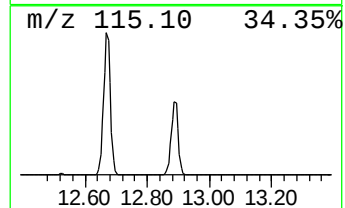
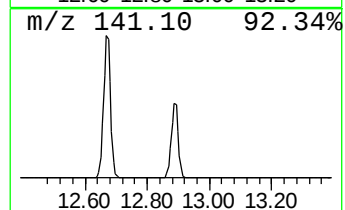
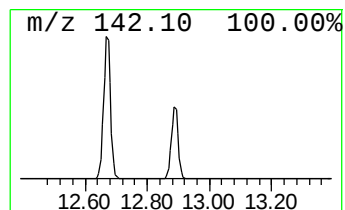
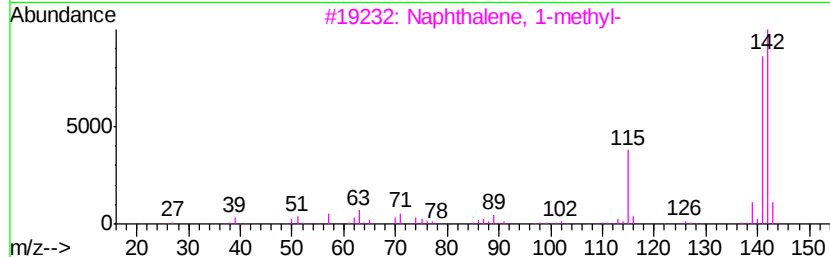
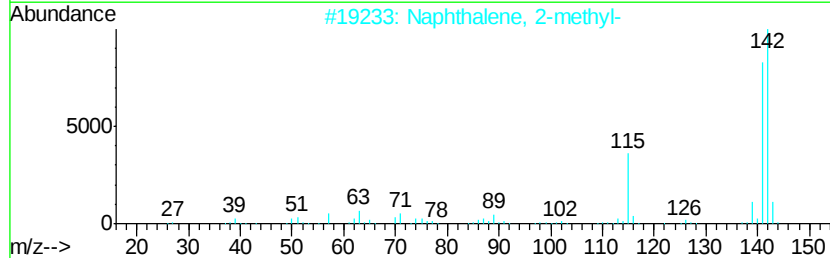
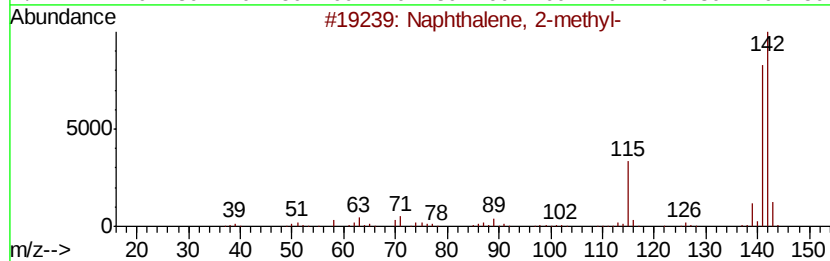
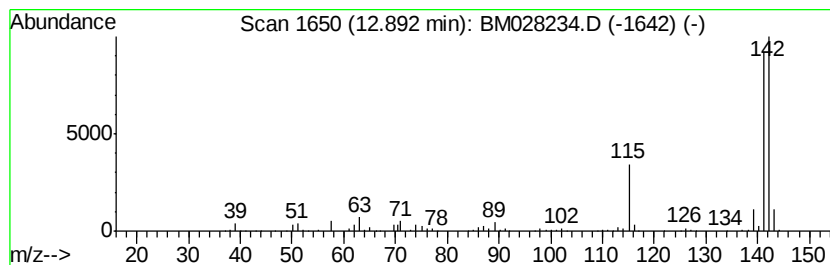
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	32.69 ng/ul	1475390	Naphthalene-d8	11.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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Operator : JU/CG
Sample : L5114-01
Misc :
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Instrument :
BNA_M
ClientSampleId :
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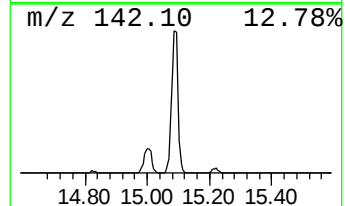
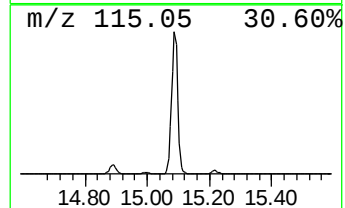
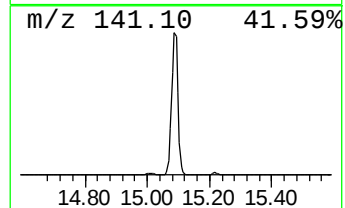
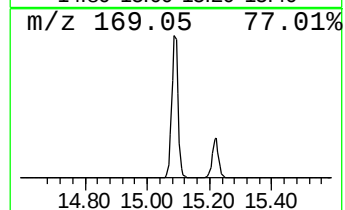
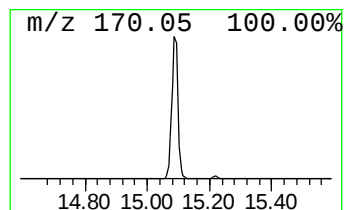
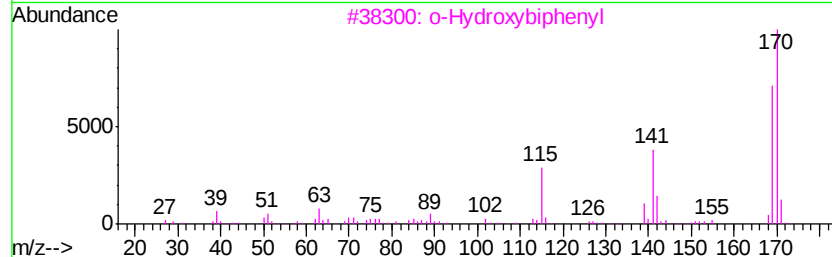
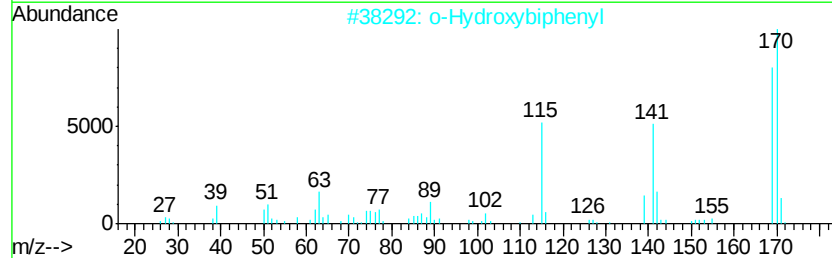
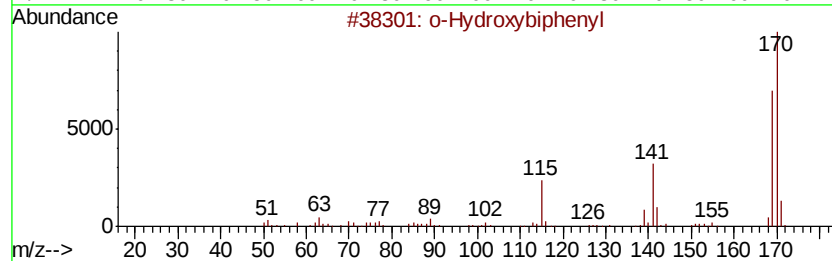
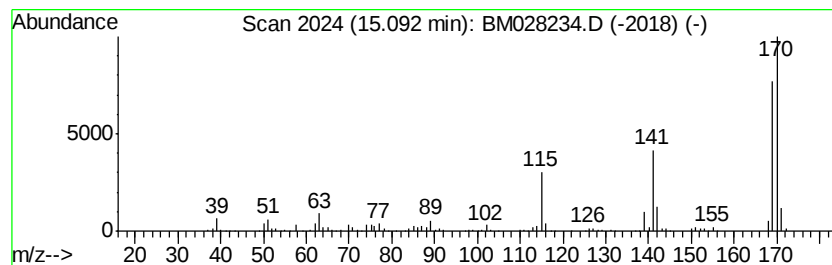
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 o-Hydroxybiphenyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	17.73 ng/ul	967672	Acenaphthene-d10	14.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
4		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5		o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028234.D
Acq On : 22 Dec 2020 12:13
Operator : JU/CG
Sample : L5114-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54P5

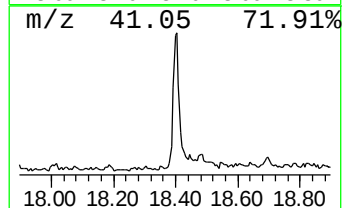
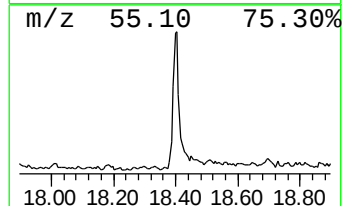
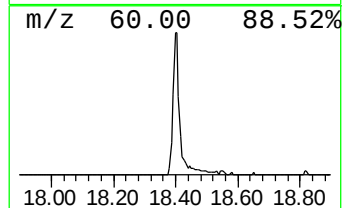
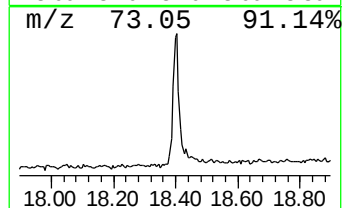
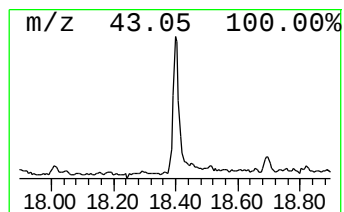
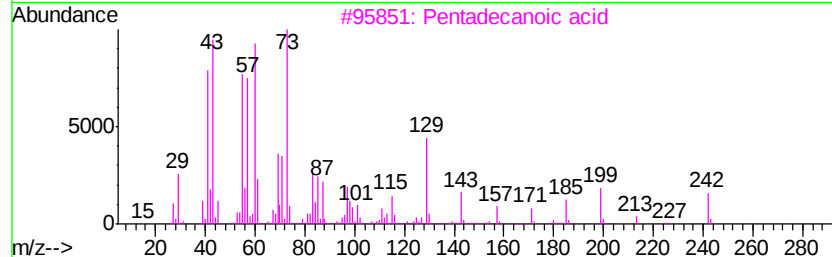
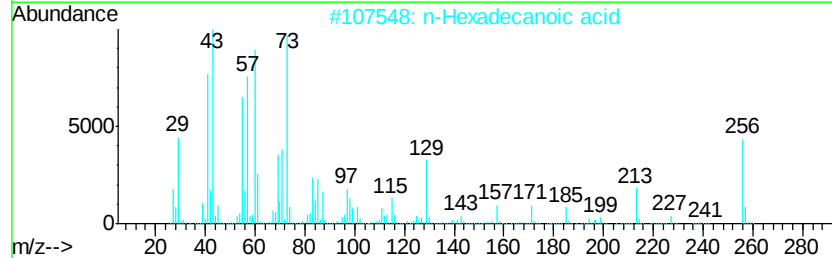
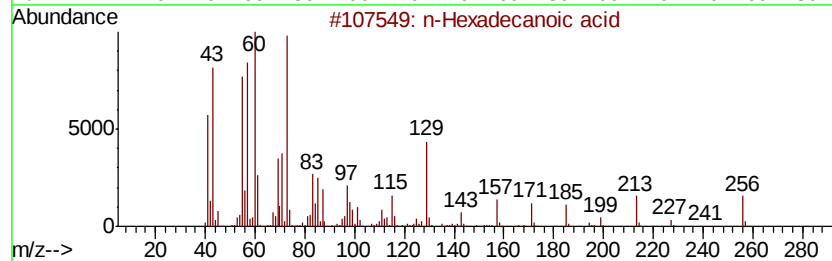
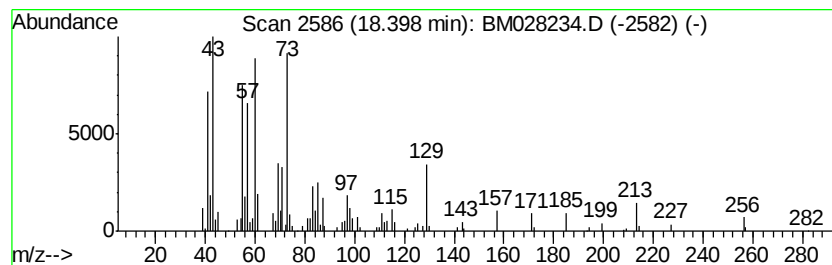
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.50 ng/ul	154533	Phenanthrene-d10	17.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tridecanoic acid	214	C13H26O2	000638-53-9	87
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
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Acq On : 22 Dec 2020 12:13
Operator : JU/CG
Sample : L5114-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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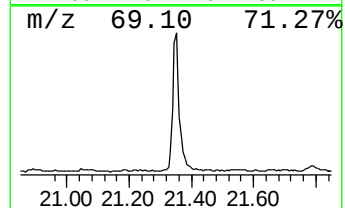
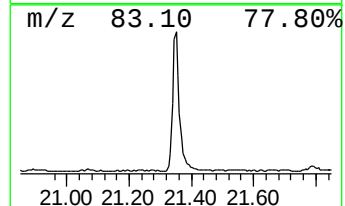
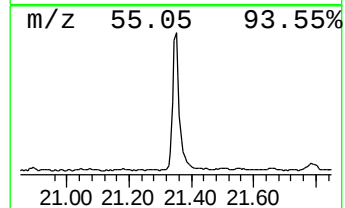
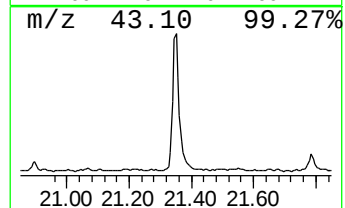
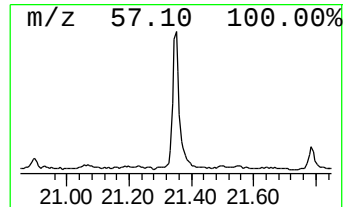
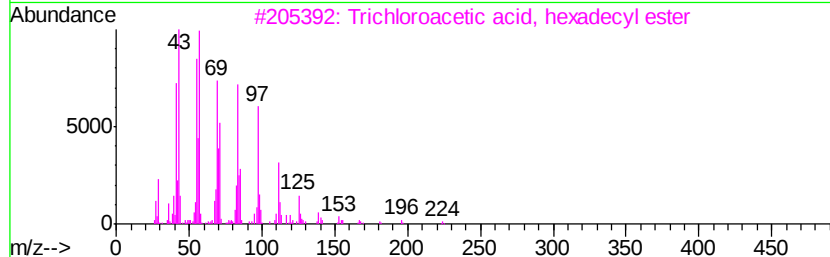
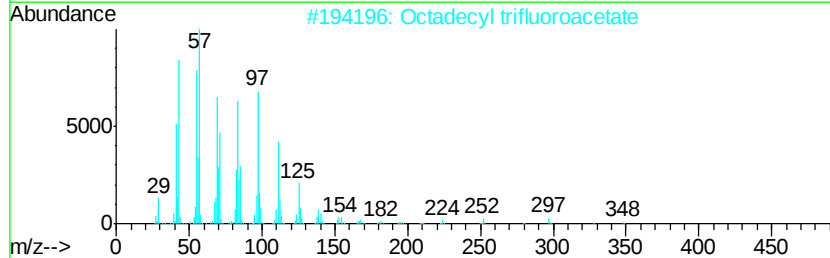
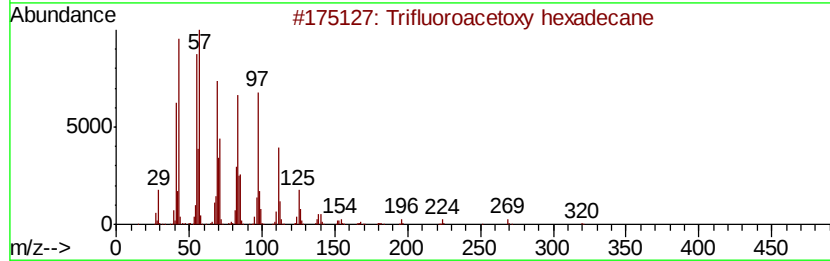
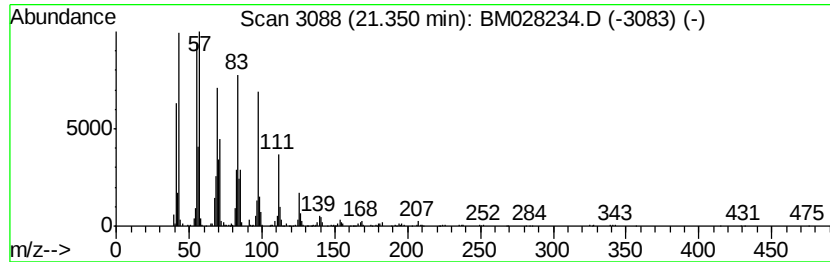
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Trifluoroacetoxy hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	4.72 ng/ul	734482	Chrysene-d12	21.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2			Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
3			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4			1-Heneicosanol	312	C21H44O	015594-90-8	93
5			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122120\
Data File : BM028234.D
Acq On : 22 Dec 2020 12:13
Operator : JU/CG
Sample : L5114-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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
2-Pentanone, 4-hy...	5.21	9.1	ng/ul	288925	1	8.20	637323	20.0
Ethanol, 2-(2-eth...	7.78	2.1	ng/ul	66482	1	8.20	637323	20.0
Naphthalene, 1-me...	12.89	32.7	ng/ul	1475390	2	11.03	902637	20.0
o-Hydroxybiphenyl	15.09	17.7	ng/ul	967672	3	14.83	1091660	20.0
n-Hexadecanoic acid	18.40	2.5	ng/ul	154533	4	17.54	1238480	20.0
Trifluoroacetoxy ...	21.35	4.7	ng/ul	734482	5	21.66	3109230	20.0