

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
 Data File : BM027231.D
 Acq On : 26 Aug 2020 02:49
 Operator : JU/CG
 Sample : L3613-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFQ3

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-BM082520MA.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	3.158	25	29	36	rVB	33828	48172	1.04%	0.098%
2	3.422	71	74	82	rBV	29305	45314	0.98%	0.092%
3	3.787	130	136	140	rBV2	10696	17308	0.37%	0.035%
4	3.869	145	150	152	rBV5	6366	8300	0.18%	0.017%
5	4.093	184	188	192	rVB6	4939	6659	0.14%	0.013%
6	4.763	297	302	310	rVB3	8360	15876	0.34%	0.032%
7	5.616	444	447	453	rVB5	4580	7335	0.16%	0.015%
8	6.781	638	645	656	rBV	759440	1203251	25.96%	2.439%
9	6.893	660	664	666	rBV6	4076	5930	0.13%	0.012%
10	6.940	666	672	685	rVB	599790	897655	19.37%	1.819%
11	7.134	698	705	713	rBV	793792	1235972	26.67%	2.505%
12	7.210	713	718	730	rVV	275438	429777	9.27%	0.871%
13	7.598	777	784	792	rVB	388938	601267	12.97%	1.219%
14	7.675	792	797	800	rBV6	4918	6405	0.14%	0.013%
15	8.304	896	904	916	rBV	960028	1486906	32.08%	3.014%
16	8.739	970	978	987	rBV	746065	1182754	25.52%	2.397%
17	8.887	999	1003	1006	rBV4	3409	5286	0.11%	0.011%
18	8.934	1006	1011	1017	rVB7	7291	11988	0.26%	0.024%
19	9.222	1054	1060	1062	rBV3	5956	7293	0.16%	0.015%
20	9.457	1091	1100	1108	rBV	634048	1031416	22.25%	2.090%
21	9.998	1184	1192	1203	rBV	976933	1653649	35.68%	3.352%
22	10.204	1226	1227	1235	rVB8	3516	4835	0.10%	0.010%
23	10.369	1247	1255	1263	rBV	522231	870370	18.78%	1.764%
24	10.504	1269	1278	1290	rBV	841994	1457250	31.44%	2.954%
25	10.586	1290	1292	1297	rVB4	3875	6492	0.14%	0.013%
26	10.886	1336	1343	1349	rBV7	5168	13069	0.28%	0.026%
27	11.198	1389	1396	1400	rBV6	2665	5397	0.12%	0.011%
28	11.969	1522	1527	1532	rVV	14986	22453	0.48%	0.046%
29	12.610	1630	1636	1642	rBV5	14519	21982	0.47%	0.045%
30	12.851	1673	1677	1682	rVB5	3637	6260	0.14%	0.013%
31	12.980	1696	1699	1702	rBV4	4639	5147	0.11%	0.010%
32	13.086	1713	1717	1720	rBV4	4659	5619	0.12%	0.011%
33	13.151	1720	1728	1736	rVV2	89240	160025	3.45%	0.324%
34	13.651	1807	1813	1818	rBV	1736399	2419679	52.21%	4.904%

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35	13.698	1818	1821	1829	rVV	1010710	1313644	28.34%	2.662%
36	13.751	1829	1830	1836	rVV5	4806	6002	0.13%	0.012%
37	13.827	1839	1843	1847	rBV3	11373	16179	0.35%	0.033%
38	13.927	1852	1860	1871	rBV	1948445	2856338	61.63%	5.789%
39	14.016	1871	1875	1881	rVB5	4988	9282	0.20%	0.019%
40	14.098	1884	1889	1892	rVB5	8152	11053	0.24%	0.022%
41	14.169	1898	1901	1905	rVB2	5230	6411	0.14%	0.013%
42	14.239	1905	1913	1921	rBV	878149	1296766	27.98%	2.628%
43	14.316	1921	1926	1934	rVB3	44307	68424	1.48%	0.139%
44	14.445	1941	1948	1956	rBV	743575	1131216	24.41%	2.293%
45	14.510	1956	1959	1964	rVV6	22537	39535	0.85%	0.080%
46	14.574	1964	1970	1978	rVB	240596	347400	7.50%	0.704%
47	14.686	1985	1989	1991	rVB4	6597	7178	0.15%	0.015%
48	14.780	2002	2005	2011	rVB6	3758	6387	0.14%	0.013%
49	15.063	2048	2053	2058	rBV7	5799	9863	0.21%	0.020%
50	15.116	2058	2062	2066	rBV5	4394	6198	0.13%	0.013%
51	15.233	2076	2082	2094	rVB	2550279	3533306	76.23%	7.161%
52	15.357	2097	2103	2119	rBV	769986	1057353	22.81%	2.143%
53	15.474	2119	2123	2129	rVB2	31114	43243	0.93%	0.088%
54	15.592	2137	2143	2144	rBV4	4580	8064	0.17%	0.016%
55	15.627	2146	2149	2153	rVB5	9417	11729	0.25%	0.024%
56	15.680	2153	2158	2159	rBV5	3330	4680	0.10%	0.009%
57	15.727	2159	2166	2171	rVB5	14991	29478	0.64%	0.060%
58	15.827	2177	2183	2188	rVB8	10630	21916	0.47%	0.044%
59	15.974	2204	2208	2211	rBV	32997	47105	1.02%	0.095%
60	16.010	2211	2214	2223	rVB8	16720	32277	0.70%	0.065%
61	16.663	2323	2325	2329	rVB4	5209	6497	0.14%	0.013%
62	16.733	2333	2337	2340	rBV5	4813	7387	0.16%	0.015%
63	16.774	2340	2344	2350	rVB6	6642	11637	0.25%	0.024%
64	16.980	2373	2379	2386	rBV	1182222	1596164	34.44%	3.235%
65	17.080	2389	2396	2406	rBV	2762653	3793872	81.86%	7.689%
66	17.186	2411	2414	2419	rVB7	5237	7639	0.16%	0.015%
67	17.392	2445	2449	2456	rVB8	4227	7316	0.16%	0.015%
68	17.515	2467	2470	2472	rBV3	4470	5454	0.12%	0.011%
69	17.680	2495	2498	2501	rBV4	3097	5106	0.11%	0.010%
70	17.904	2531	2536	2552	rBV	405656	646459	13.95%	1.310%
71	18.209	2585	2588	2591	rBV4	8664	9475	0.20%	0.019%

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72	18.851	2693	2697	2700	rBV5	12109	15553	0.34%	0.032%
73	18.974	2716	2718	2720	rBV3	6481	5889	0.13%	0.012%
74	19.015	2721	2725	2728	rBV	27302	39534	0.85%	0.080%
75	19.192	2751	2755	2762	rBV	100645	151349	3.27%	0.307%
76	19.268	2764	2768	2773	rVB	29700	47786	1.03%	0.097%
77	19.380	2781	2787	2793	rBV	3435781	4561448	98.42%	9.245%
78	19.427	2793	2795	2798	rVB4	15611	15627	0.34%	0.032%
79	19.927	2877	2880	2884	rBV5	30591	42091	0.91%	0.085%
80	19.962	2884	2886	2889	rVB4	22414	23213	0.50%	0.047%
81	20.915	3044	3048	3057	rBV	1160628	1360969	29.36%	2.758%
82	21.174	3088	3092	3098	rBV	1523504	1882921	40.63%	3.816%
83	21.797	3194	3198	3204	rVB4	169781	268116	5.78%	0.543%
84	21.939	3219	3222	3226	rVB	111809	141185	3.05%	0.286%
85	22.739	3354	3358	3361	rBV	235709	312213	6.74%	0.633%
86	23.221	3434	3440	3447	rVB	2698927	4634866	100.00%	9.394%
87	23.356	3457	3463	3475	rVB2	1055425	1910955	41.23%	3.873%
88	23.915	3554	3558	3565	rVB2	231668	385192	8.31%	0.781%
89	23.991	3566	3571	3581	rVB2	295614	614755	13.26%	1.246%

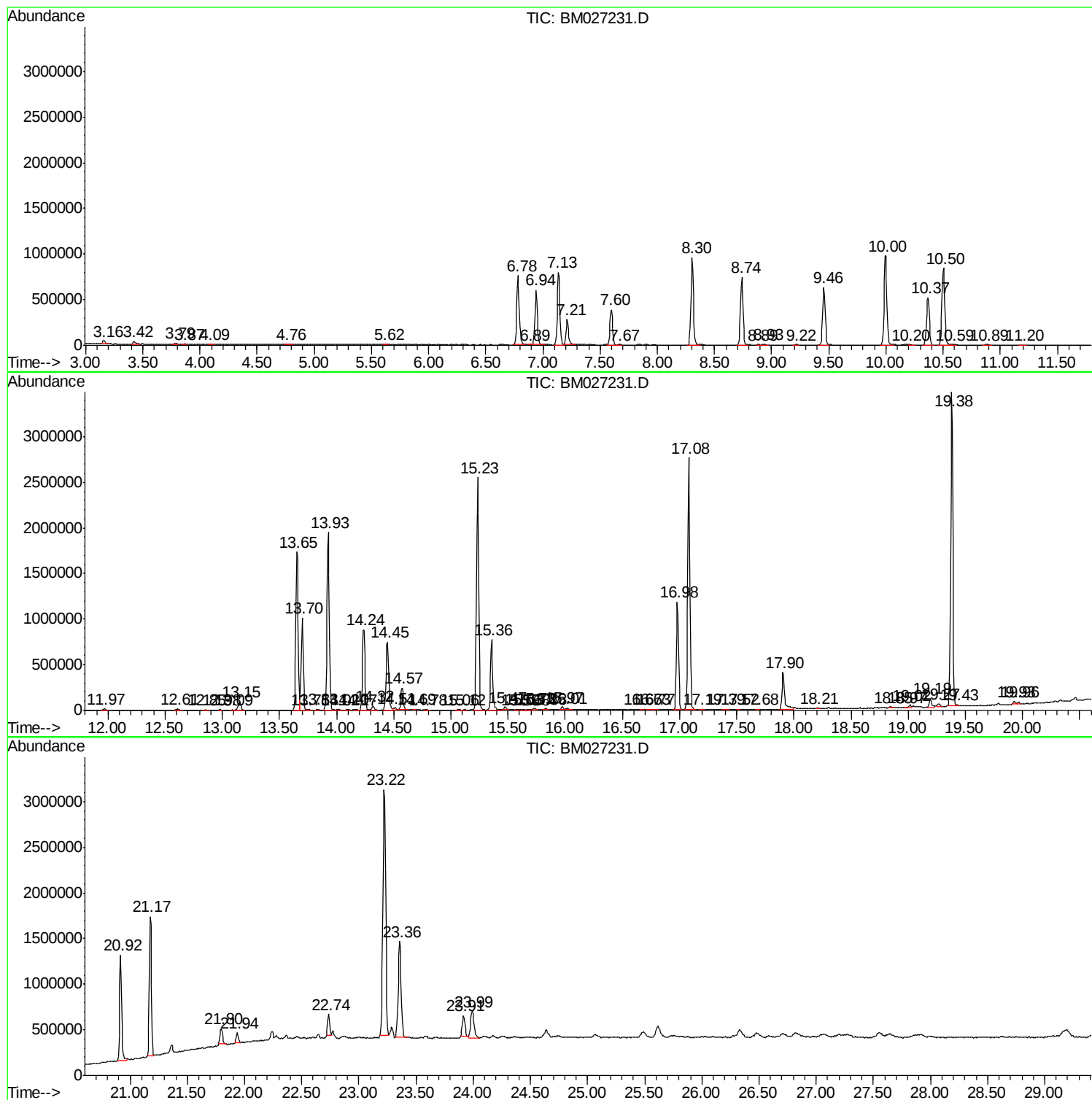
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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



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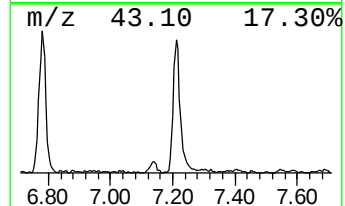
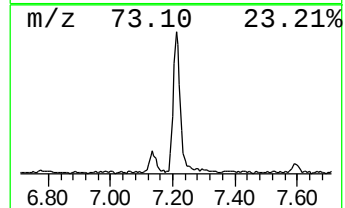
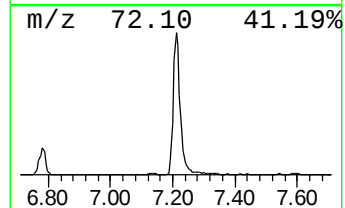
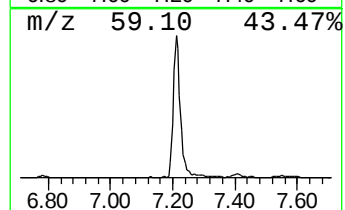
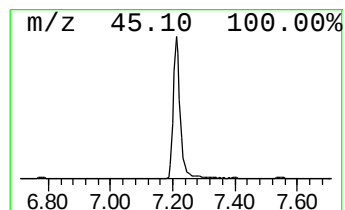
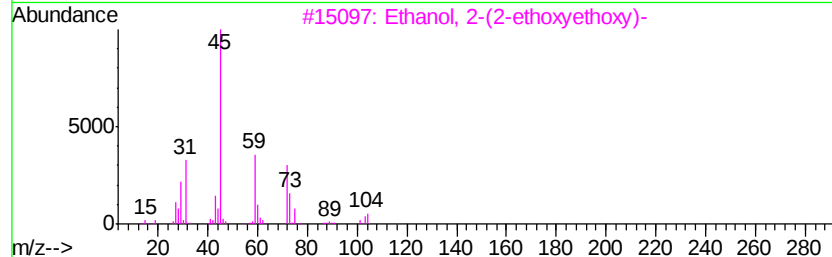
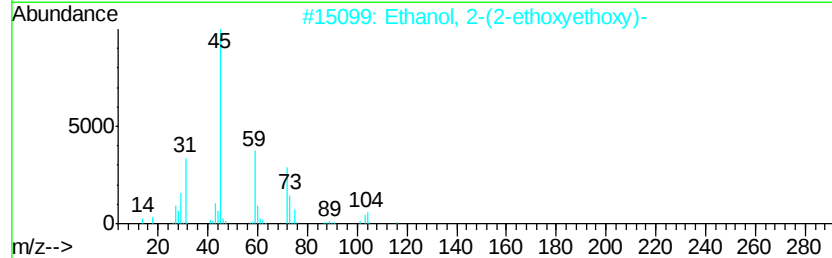
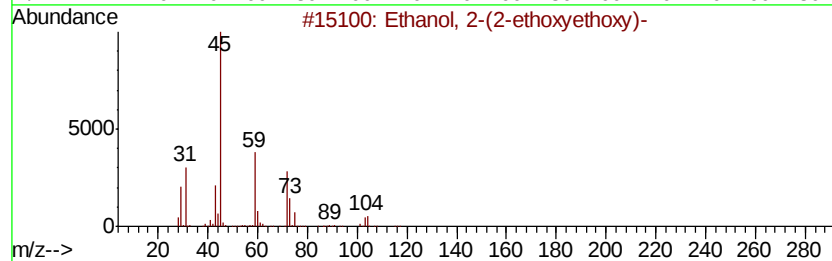
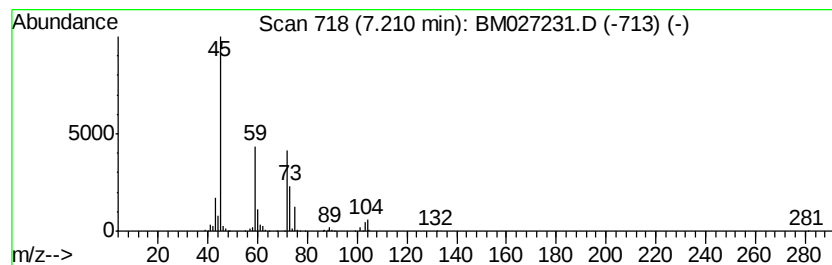
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	14.30 ng/ul	429777	1,4-Dichlorobenzene-d4	7.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90	
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90	
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72	
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	72	
5	Diethyl carbitol	162	C8H18O3	000112-36-7	59	



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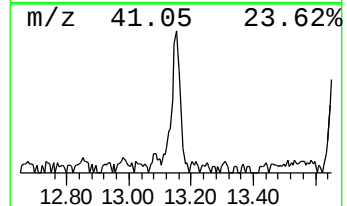
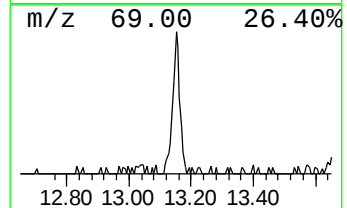
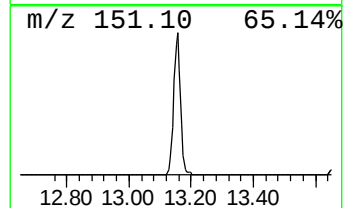
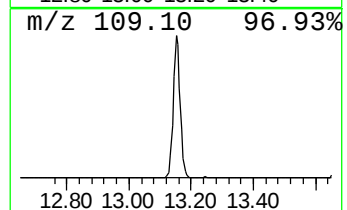
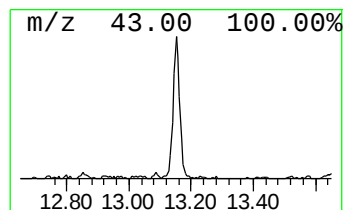
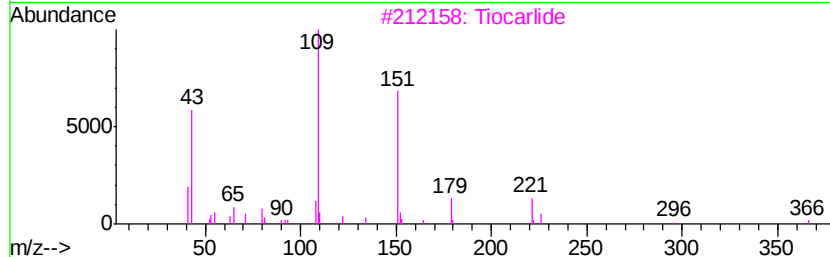
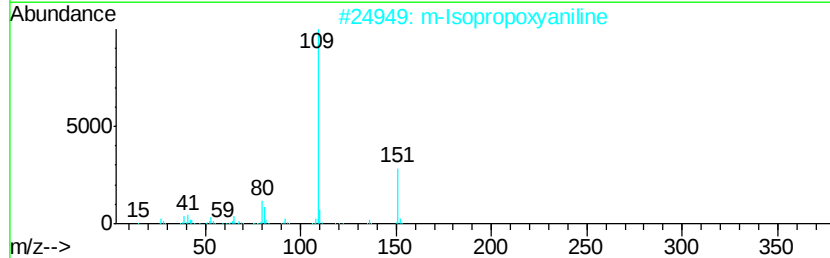
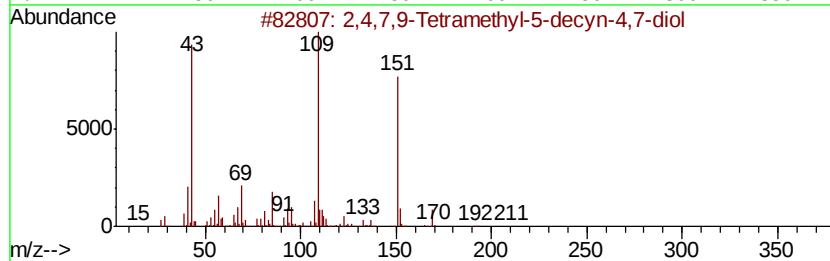
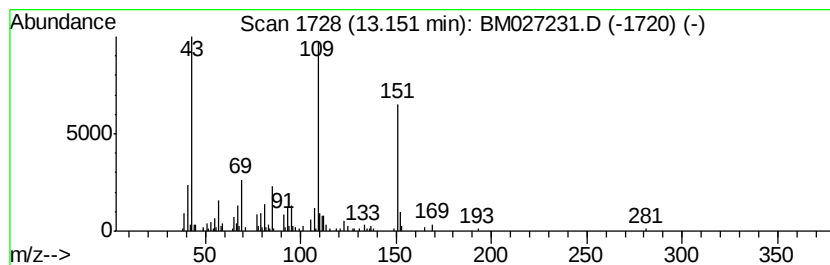
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.47 ng/ul	160025	Acenaphthene-d10	14.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90	
2	m-Isopropoxyvaniline	151	C9H13NO	041406-00-2	58	
3	Tiocarlide	400	C23H32N2O2S	000910-86-1	53	
4	Acetamide, N-(2-hydroxyphenyl)-	151	C8H9NO2	000614-80-2	53	
5	Acetaminophen	151	C8H9NO2	000103-90-2	53	



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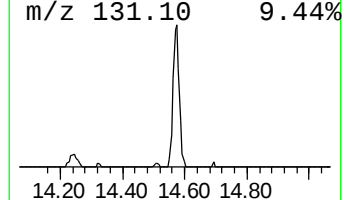
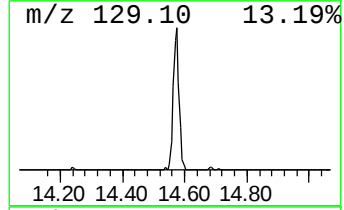
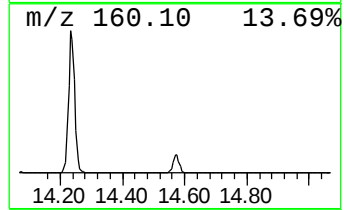
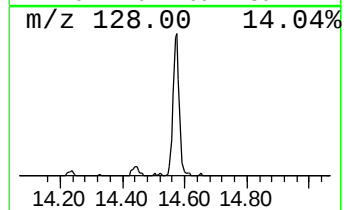
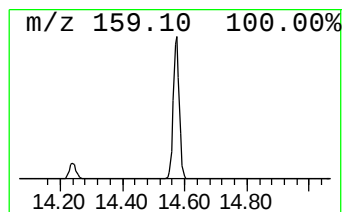
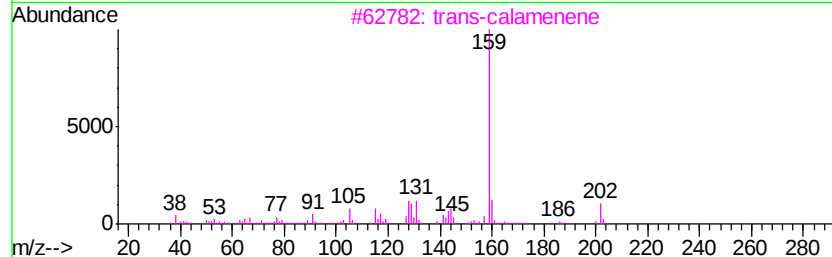
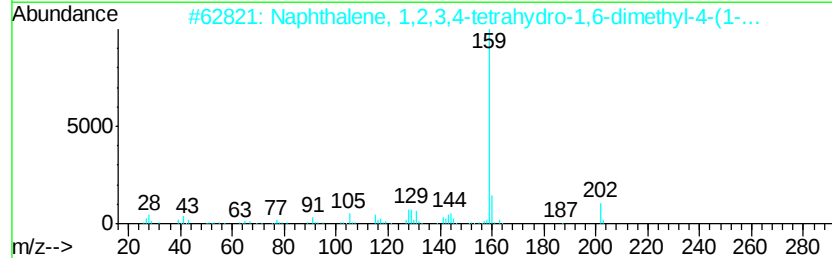
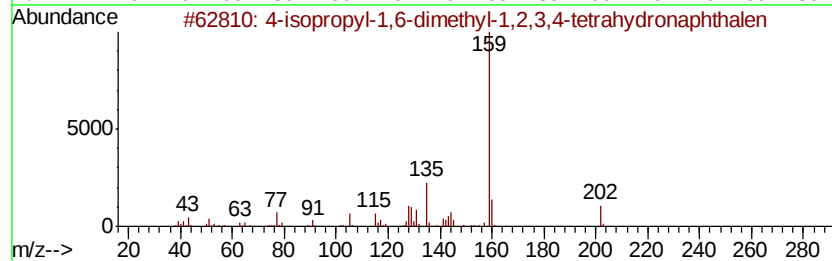
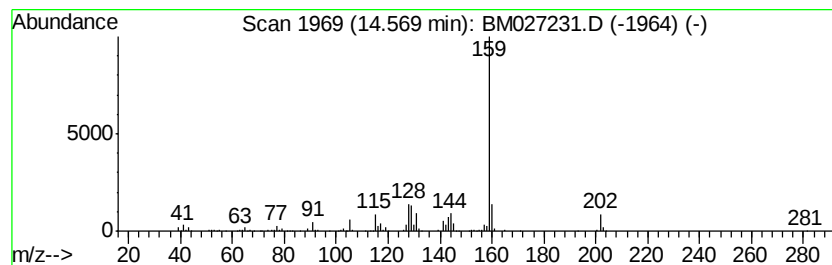
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4-isopropyl-1,6-dimethyl-1,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.57	5.36 ng/ul	347400	Acenaphthene-d10	14.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	97
2		Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	96
3		trans-calamenene	202	C15H22	1000374-17-3	93
4		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	86
5		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	86



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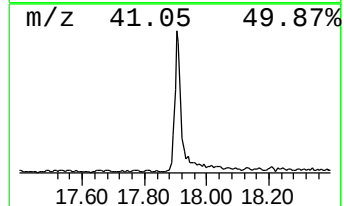
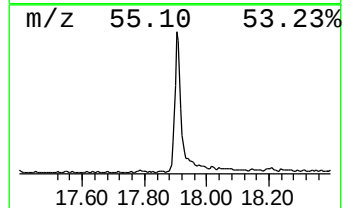
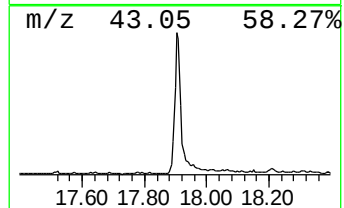
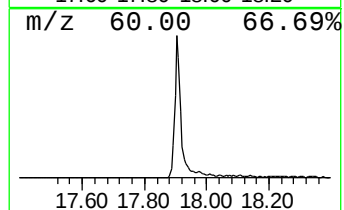
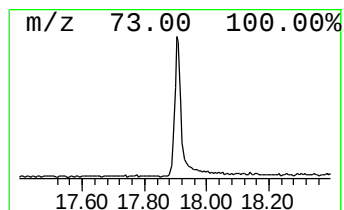
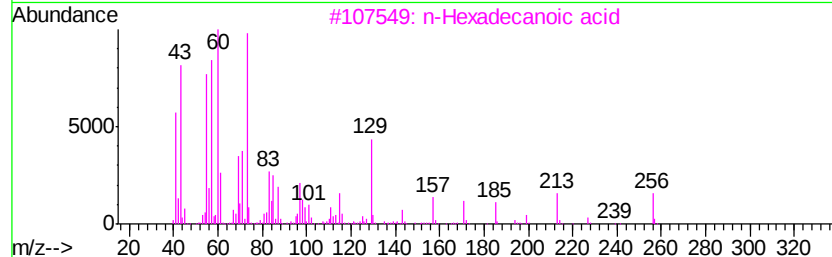
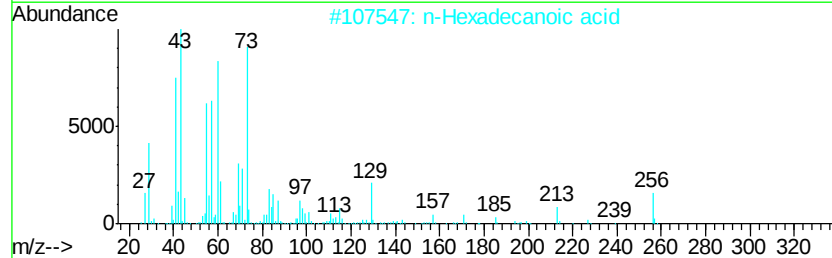
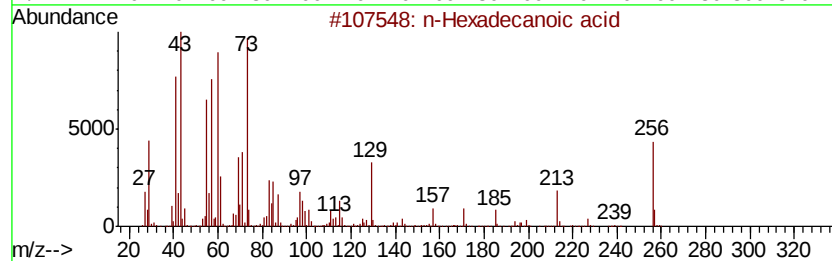
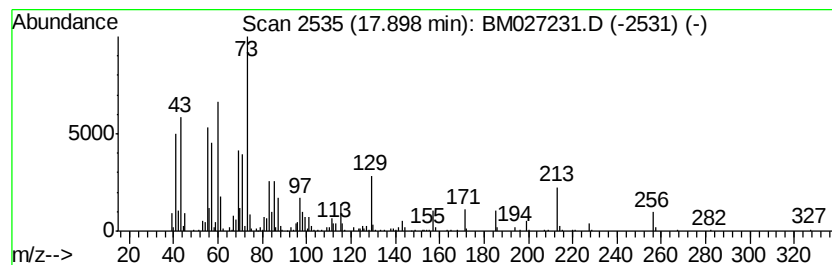
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	8.10 ng/ul	646459	Phenanthrene-d10	16.98

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	97	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	64	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62	



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027231.D
Acq On : 26 Aug 2020 02:49
Operator : JU/CG
Sample : L3613-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ3

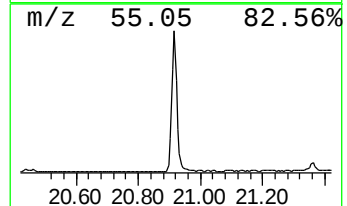
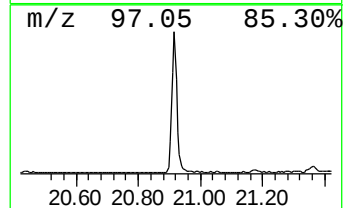
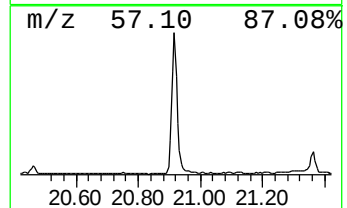
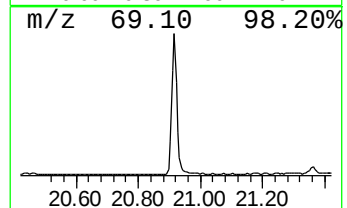
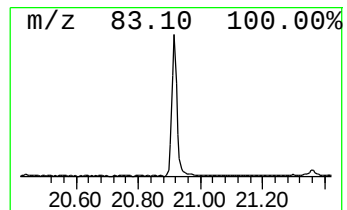
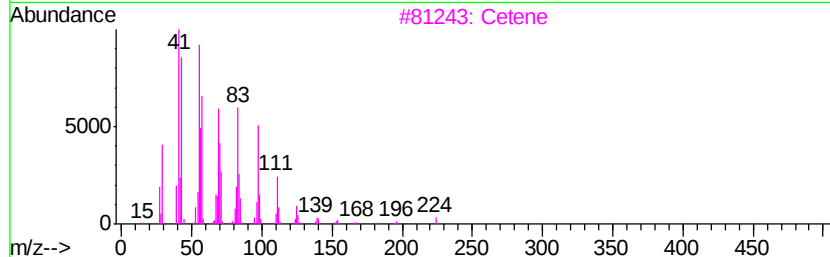
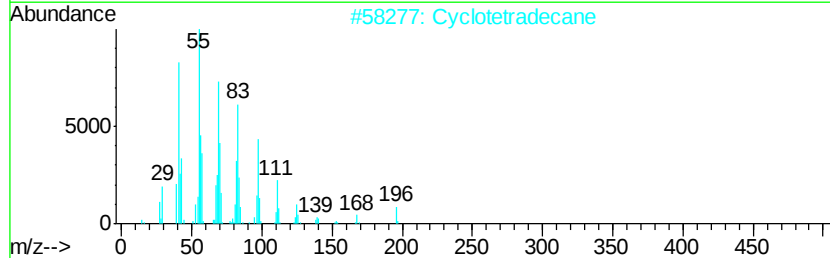
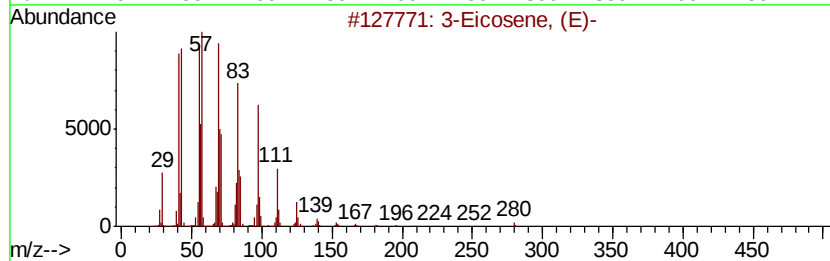
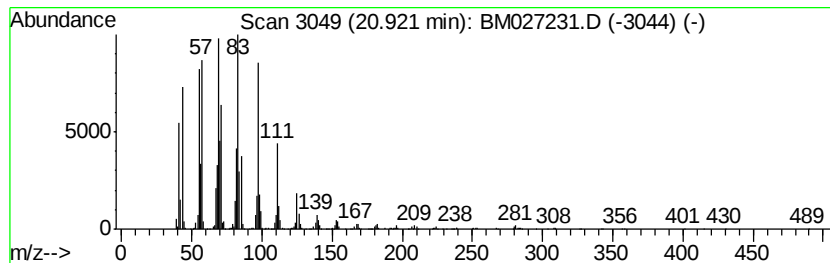
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	14.46 ng/ul	1360970	Chrysene-d12	21.17

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2		Cyclotetradecane	196	C14H28	000295-17-0	91
3		Cetene	224	C16H32	000629-73-2	91
4		Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	90
5		Behenic alcohol	326	C22H46O	000661-19-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027231.D
Acq On : 26 Aug 2020 02:49
Operator : JU/CG
Sample : L3613-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBFQ3

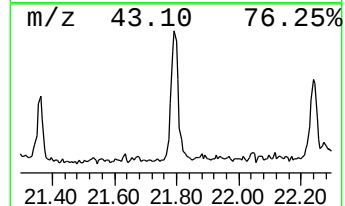
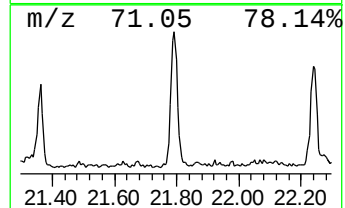
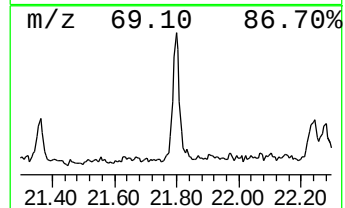
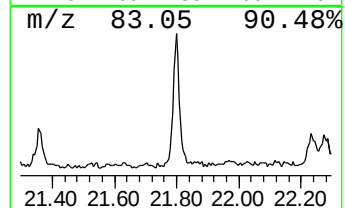
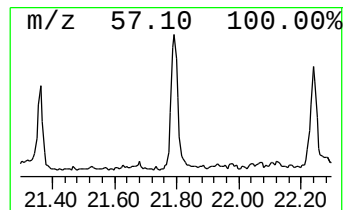
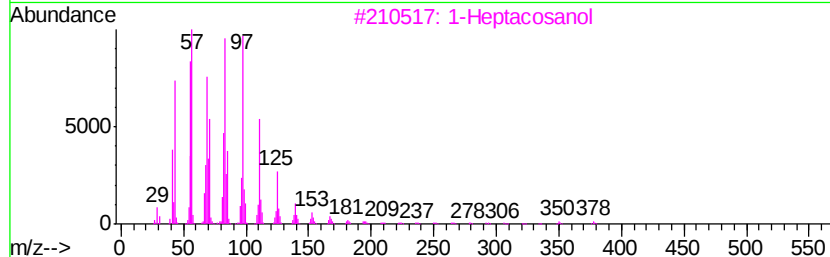
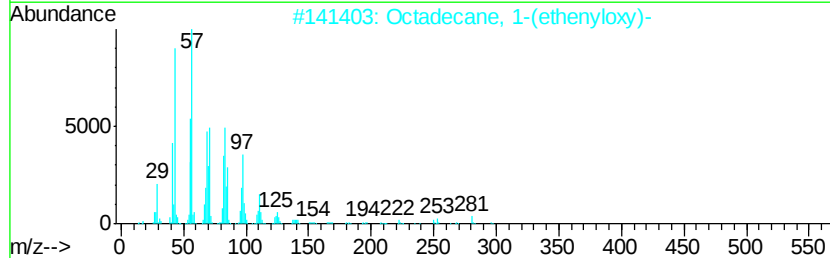
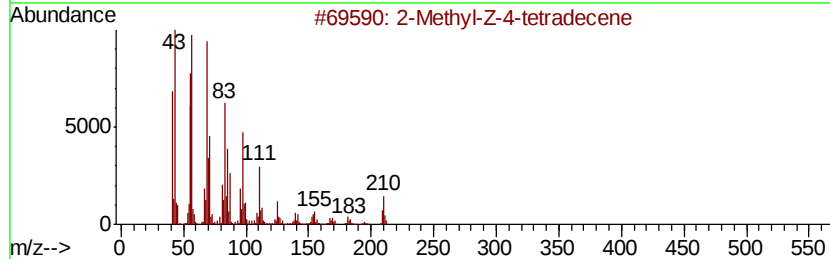
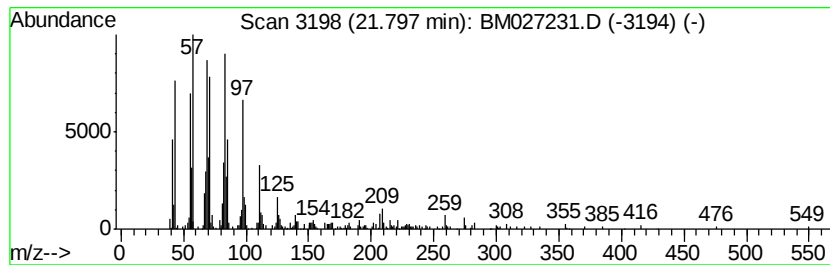
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.85 ng/ul	268116	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	91
2			Octadecane, 1-(ethenvloxy)-	296	C20H40O	000930-02-9	89
3			1-Heptacosanol	396	C27H56O	002004-39-9	81
4			1-Pentadecene	210	C15H30	013360-61-7	64
5			Heptadecane, 9-(2-cyclohexylethyl)-	350	C25H50	025446-35-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027231.D
Acq On : 26 Aug 2020 02:49
Operator : JU/CG
Sample : L3613-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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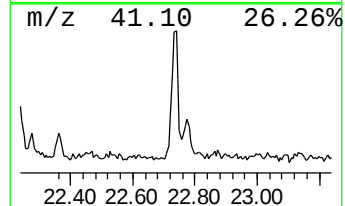
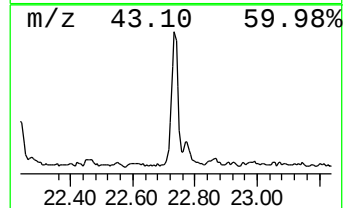
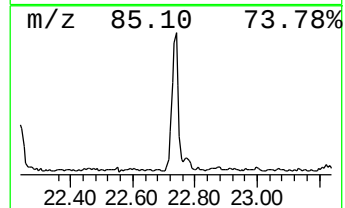
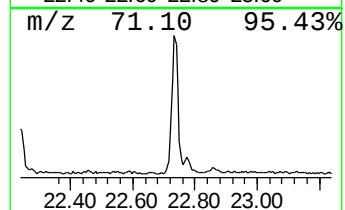
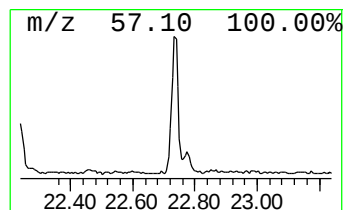
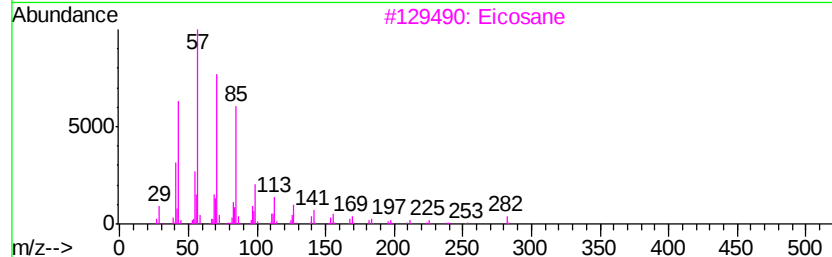
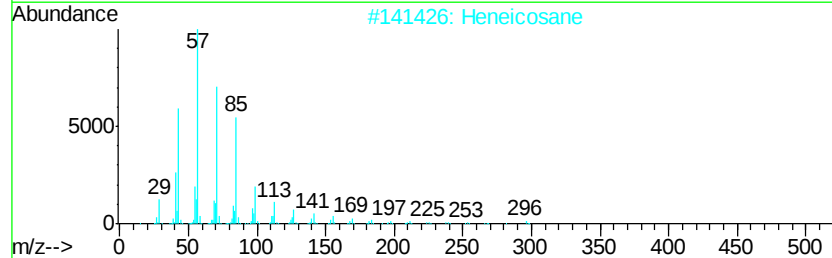
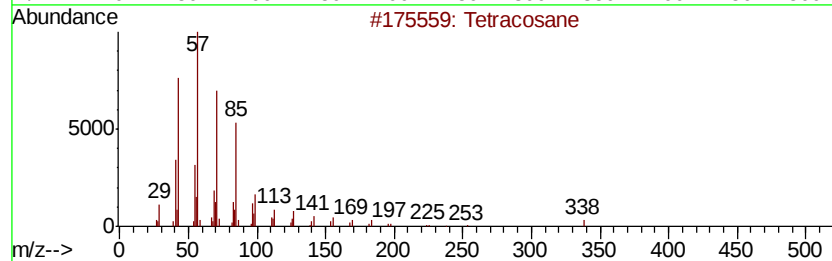
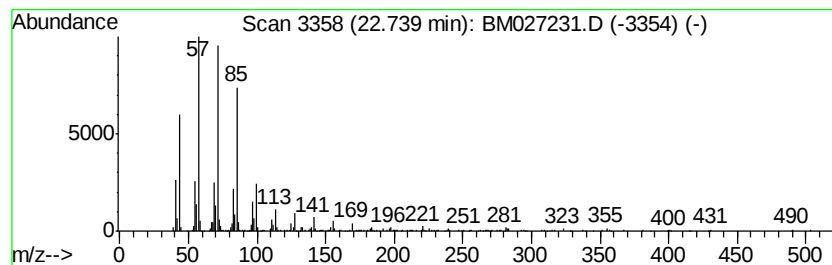
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	3.27 ng/ul	312213	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Eicosane	282	C20H42	000112-95-8	83
4		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81
5		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027231.D
Acq On : 26 Aug 2020 02:49
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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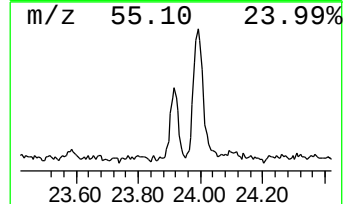
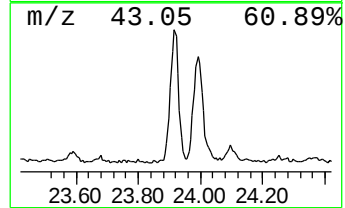
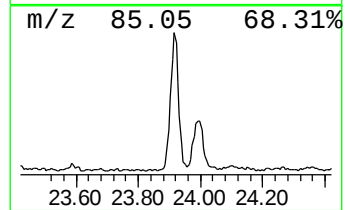
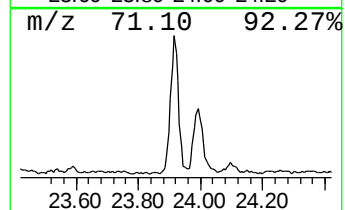
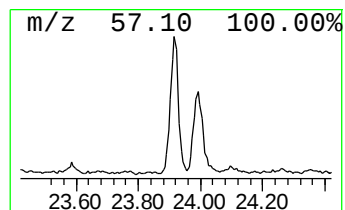
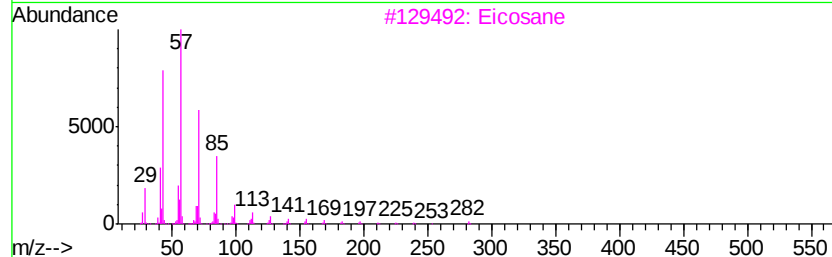
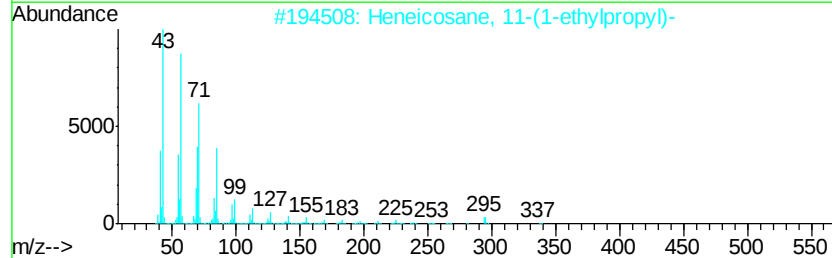
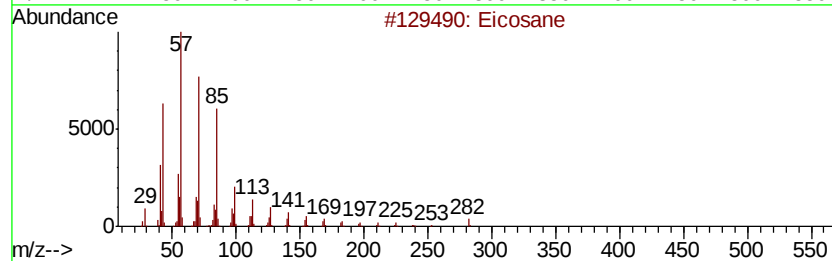
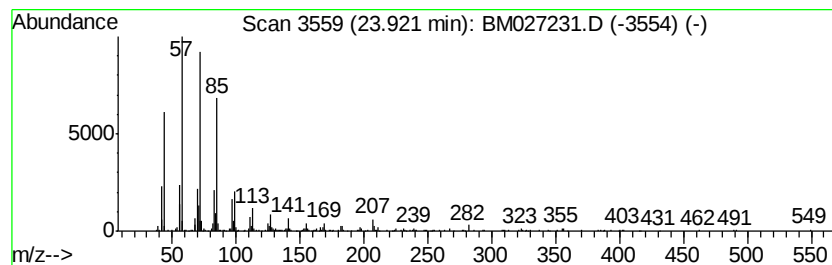
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	4.03 ng/ul	385192	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3		Eicosane	282	C20H42	000112-95-8	89
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexacosane	366	C26H54	000630-01-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082520\
Data File : BM027231.D
Acq On : 26 Aug 2020 02:49
Operator : JU/CG
Sample : L3613-05
Misc :
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ClientSampleId :
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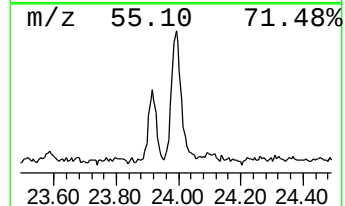
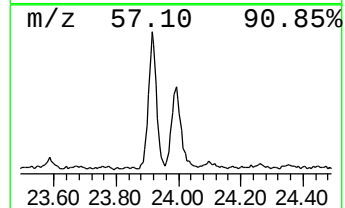
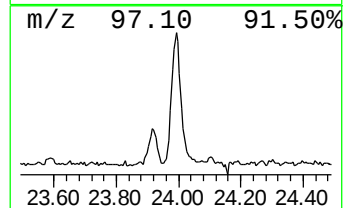
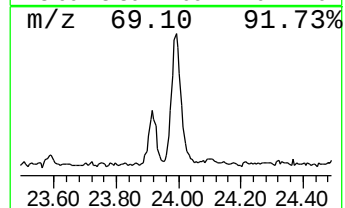
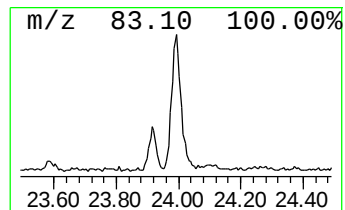
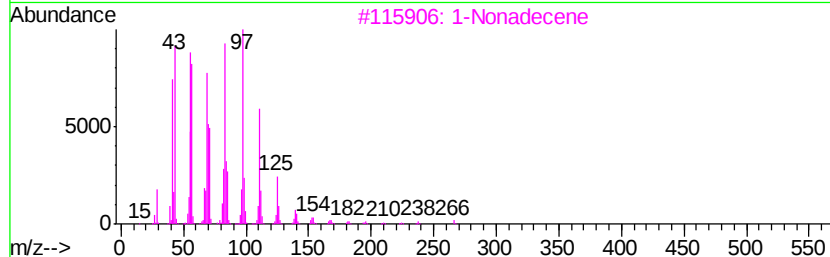
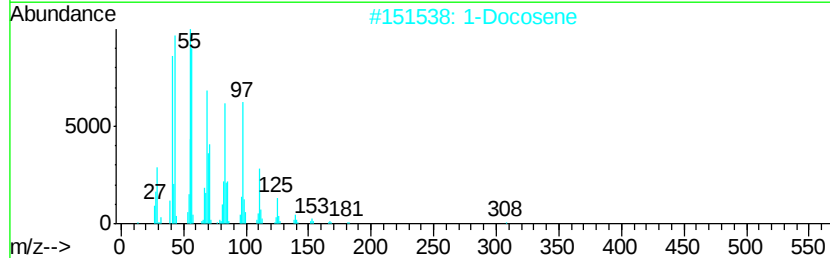
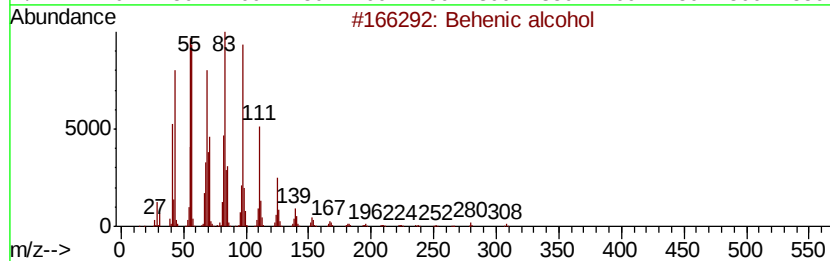
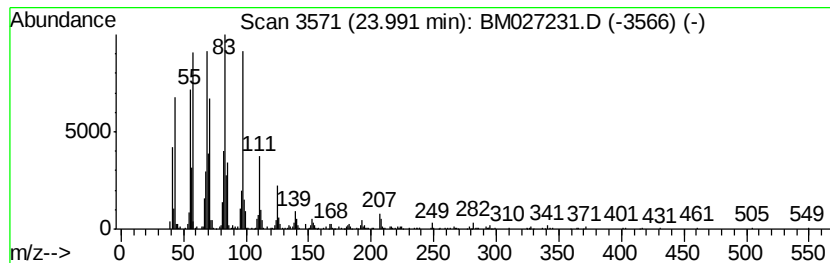
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Behenic alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	6.43 ng/ul	614755	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Behenic alcohol	326	C22H46O	000661-19-8	91
2		1-Docosene	308	C22H44	001599-67-3	89
3		1-Nonadecene	266	C19H38	018435-45-5	86
4		1-Hexacosanol	382	C26H54O	000506-52-5	81
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082520\
Data File : BM027231.D
Acq On : 26 Aug 2020 02:49
Operator : JU/CG
Sample : L3613-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.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
Ethanol, 2-(2-eth...	7.21	14.3	ng/ul	429777	1	7.60	601267	20.0
2,4,7,9-Tetrameth...	13.15	2.5	ng/ul	160025	3	14.24	1296770	20.0
4-isopropyl-1,6-d...	14.57	5.4	ng/ul	347400	3	14.24	1296770	20.0
n-Hexadecanoic acid	17.90	8.1	ng/ul	646459	4	16.98	1596160	20.0
(DEL) Alkane: Str...	20.92	14.5	ng/ul	1360970	5	21.17	1882920	20.0
(DEL) Alkane: Str...	21.80	2.9	ng/ul	268116	5	21.17	1882920	20.0
(DEL) Alkane: Str...	22.74	3.3	ng/ul	312213	6	23.36	1910960	20.0
(DEL) Alkane: Str...	23.92	4.0	ng/ul	385192	6	23.36	1910960	20.0
Behenic alcohol	23.99	6.4	ng/ul	614755	6	23.36	1910960	20.0