

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018073.D
 Acq On : 12 Dec 2018 00:37
 Operator : JU/SJ
 Sample : J6171-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9Y13

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-BM111918MA.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	3.746	122	129	135	rVV2	22406	37191	1.54%	0.094%
2	4.734	288	297	303	rVV2	167339	296208	12.24%	0.751%
3	4.793	303	307	313	rVV3	29340	52247	2.16%	0.132%
4	5.840	477	485	491	rBV5	19426	40813	1.69%	0.103%
5	5.975	497	508	512	rBV3	23414	46006	1.90%	0.117%
6	6.064	515	523	527	rBV6	20670	46293	1.91%	0.117%
7	6.111	527	531	536	rVB	33693	47602	1.97%	0.121%
8	6.193	540	545	547	rVV	26069	39857	1.65%	0.101%
9	6.222	547	550	556	rVB2	38888	55505	2.29%	0.141%
10	6.681	623	628	633	rVV4	38268	68411	2.83%	0.173%
11	6.740	633	638	650	rVV2	334050	727251	30.04%	1.844%
12	6.899	655	665	673	rVV	324736	533234	22.03%	1.352%
13	7.081	690	696	710	rVB	413374	729305	30.13%	1.849%
14	7.446	750	758	763	rBV7	16716	49145	2.03%	0.125%
15	7.511	763	769	770	rBV3	42791	61630	2.55%	0.156%
16	7.546	770	775	782	rVB	556199	860880	35.56%	2.182%
17	7.711	796	803	807	rVV6	23332	43290	1.79%	0.110%
18	7.805	812	819	825	rVB5	23457	56162	2.32%	0.142%
19	8.075	861	865	872	rVB6	30692	49498	2.04%	0.125%
20	8.258	891	896	908	rBV	405989	751254	31.03%	1.904%
21	8.599	947	954	956	rVV4	37250	71193	2.94%	0.180%
22	8.628	956	959	964	rVV5	50553	87654	3.62%	0.222%
23	8.699	965	971	981	rVV	370015	680731	28.12%	1.726%
24	8.834	989	994	996	rBV3	29510	50128	2.07%	0.127%
25	8.869	996	1000	1005	rVB5	37453	73081	3.02%	0.185%
26	9.087	1032	1037	1045	rVV7	18498	53398	2.21%	0.135%
27	9.157	1045	1049	1054	rVB3	43409	65773	2.72%	0.167%
28	9.228	1055	1061	1065	rVV4	47631	83414	3.45%	0.211%
29	9.416	1085	1093	1100	rBV2	322935	662274	27.36%	1.679%
30	9.487	1101	1105	1113	rVB7	61800	106952	4.42%	0.271%
31	9.722	1138	1145	1148	rBV3	28313	57100	2.36%	0.145%
32	9.899	1167	1175	1178	rBV7	29774	61398	2.54%	0.156%
33	9.946	1178	1183	1191	rBV	407991	734926	30.36%	1.863%
34	10.087	1202	1207	1211	rVB6	21472	38330	1.58%	0.097%

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35	10.163	1216	1220	1223	rBV4	27847	40796	1.69%	0.103%
36	10.263	1234	1237	1239	rVV3	27360	35796	1.48%	0.091%
37	10.310	1239	1245	1253	rVB	825486	1352836	55.88%	3.429%
38	10.416	1260	1263	1266	rBV4	30997	40748	1.68%	0.103%
39	10.469	1266	1272	1279	rBV	489880	885940	36.60%	2.246%
40	10.587	1289	1292	1300	rVB8	33247	63249	2.61%	0.160%
41	10.787	1321	1326	1335	rVV4	69949	145688	6.02%	0.369%
42	10.969	1351	1357	1359	rBV4	56143	91022	3.76%	0.231%
43	10.999	1360	1362	1367	rVB	67181	91311	3.77%	0.231%
44	11.146	1381	1387	1391	rVV9	15281	40936	1.69%	0.104%
45	11.328	1413	1418	1428	rVV3	195896	372651	15.39%	0.945%
46	11.487	1439	1445	1450	rBV7	33974	69448	2.87%	0.176%
47	11.581	1456	1461	1466	rBV2	69669	108922	4.50%	0.276%
48	11.663	1472	1475	1479	rVB4	35489	50846	2.10%	0.129%
49	11.728	1479	1486	1488	rBV5	35776	76767	3.17%	0.195%
50	11.875	1507	1511	1516	rVB5	52026	80557	3.33%	0.204%
51	11.963	1516	1526	1533	rVB5	91126	237743	9.82%	0.603%
52	12.140	1553	1556	1560	rVB5	28246	35765	1.48%	0.091%
53	12.198	1560	1566	1568	rBV5	20933	42587	1.76%	0.108%
54	12.445	1604	1608	1614	rVB2	83059	158936	6.57%	0.403%
55	12.510	1614	1619	1625	rVB9	26002	59021	2.44%	0.150%
56	12.593	1630	1633	1641	rVB9	33864	76965	3.18%	0.195%
57	12.669	1641	1646	1647	rBV4	26731	42368	1.75%	0.107%
58	12.710	1648	1653	1659	rVB	237156	353711	14.61%	0.897%
59	12.845	1672	1676	1679	rBV5	18428	34165	1.41%	0.087%
60	12.981	1695	1699	1703	rBV2	86177	123552	5.10%	0.313%
61	13.028	1703	1707	1711	rVV3	77589	112407	4.64%	0.285%
62	13.104	1716	1720	1729	rVV4	68344	183514	7.58%	0.465%
63	13.169	1729	1731	1736	rVV5	46000	63003	2.60%	0.160%
64	13.245	1737	1744	1752	rVB5	40335	99596	4.11%	0.252%
65	13.516	1785	1790	1794	rBV4	35639	56777	2.35%	0.144%
66	13.575	1795	1800	1801	rVV2	36766	57023	2.36%	0.145%
67	13.616	1802	1807	1812	rVV	904766	1332217	55.03%	3.377%
68	13.669	1812	1816	1822	rVB2	577416	909114	37.55%	2.305%
69	13.887	1847	1853	1860	rVB	1078474	1612501	66.61%	4.088%
70	14.040	1877	1879	1884	rVB5	44148	51211	2.12%	0.130%
71	14.110	1888	1891	1894	rVV4	32257	39614	1.64%	0.100%

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72	14.198	1898	1906	1914	rVB2	1177680	1918493	79.25%	4.863%
73	14.445	1944	1948	1957	rBV3	97813	221890	9.17%	0.562%
74	14.604	1972	1975	1985	rVB8	67568	126222	5.21%	0.320%
75	14.728	1992	1996	2001	rVB2	85558	123697	5.11%	0.314%
76	14.822	2008	2012	2021	rBV8	41447	100636	4.16%	0.255%
77	15.098	2056	2059	2063	rBV5	23488	33624	1.39%	0.085%
78	15.198	2071	2076	2082	rVV	1474724	2022281	83.54%	5.126%
79	15.345	2096	2101	2110	rBV	304951	484583	20.02%	1.228%
80	15.469	2115	2122	2128	rVB	243058	407845	16.85%	1.034%
81	15.675	2153	2157	2167	rVB7	44635	80974	3.34%	0.205%
82	15.951	2198	2204	2208	rBV	297513	437188	18.06%	1.108%
83	16.775	2339	2344	2348	rVB	176462	246849	10.20%	0.626%
84	16.957	2369	2375	2381	rBV	1547585	2172496	89.74%	5.507%
85	17.057	2386	2392	2398	rVV2	1485178	2168901	89.60%	5.498%
86	17.380	2443	2447	2452	rVB2	65456	93506	3.86%	0.237%
87	17.869	2525	2530	2539	rBV	260110	389395	16.09%	0.987%
88	18.622	2655	2658	2661	rVB3	33622	46197	1.91%	0.117%
89	18.963	2713	2716	2720	rBV5	26827	36351	1.50%	0.092%
90	19.157	2745	2749	2756	rBV3	138687	238035	9.83%	0.603%
91	19.304	2770	2774	2779	rBV	1219832	1416823	58.53%	3.592%
92	19.363	2779	2784	2792	rVB	1747570	2420781	100.00%	6.136%
93	19.563	2814	2818	2821	rBV6	40474	55388	2.29%	0.140%
94	20.363	2950	2954	2960	rVB	905162	958067	39.58%	2.429%
95	20.892	3040	3044	3052	rVB	228412	325392	13.44%	0.825%
96	21.168	3086	3091	3101	rBV	1641998	2172142	89.73%	5.506%
97	22.204	3264	3267	3271	rVB3	96133	115834	4.78%	0.294%
98	22.686	3347	3349	3353	rVB3	126181	149534	6.18%	0.379%
99	23.204	3431	3437	3448	rVB	1052943	2026497	83.71%	5.137%
100	23.339	3454	3460	3470	rVB2	946578	1812217	74.86%	4.594%

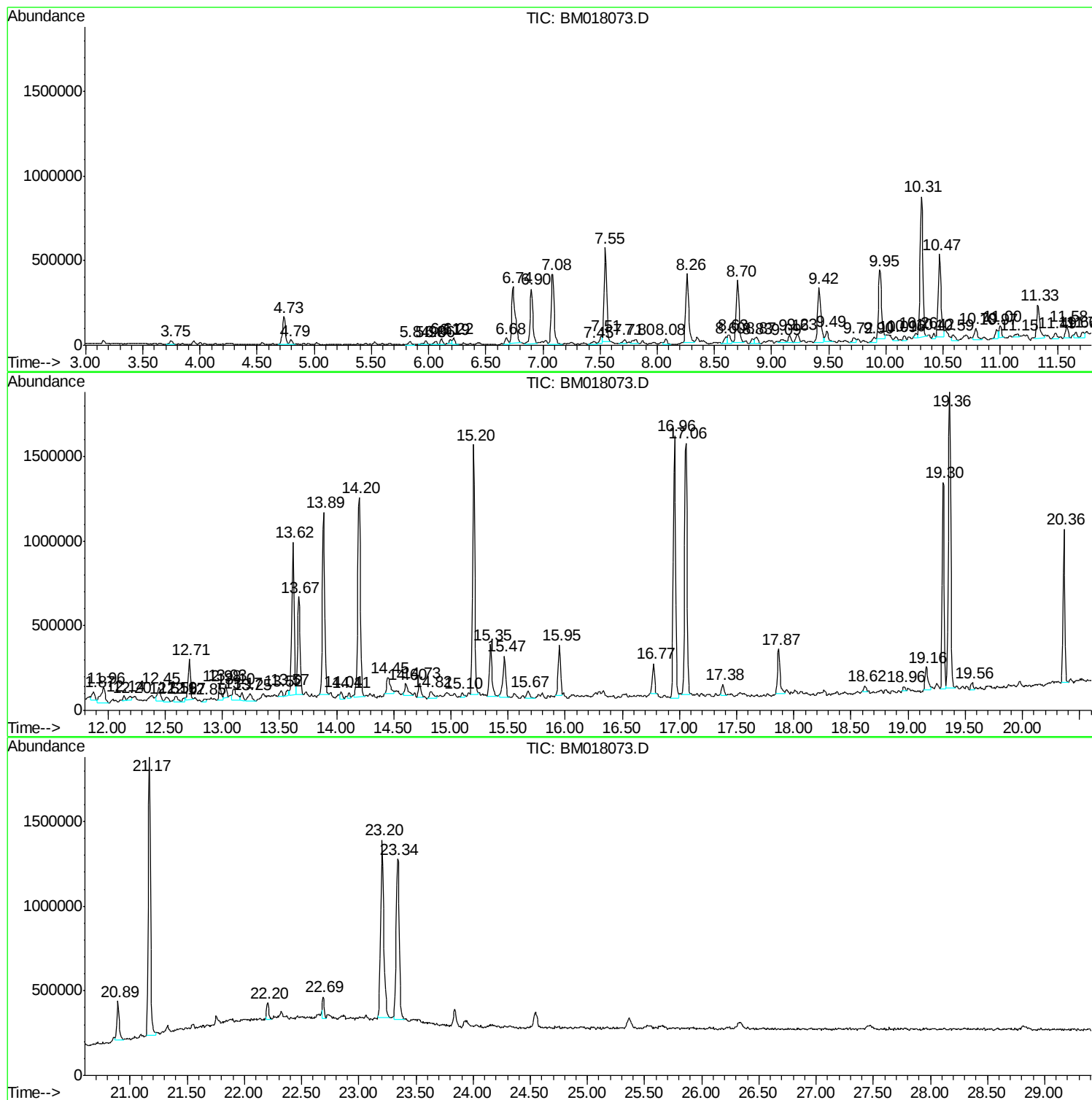
Sum of corrected areas: 39449275

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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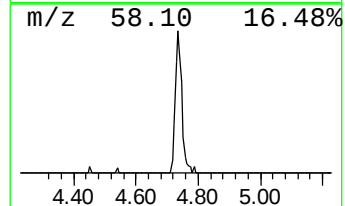
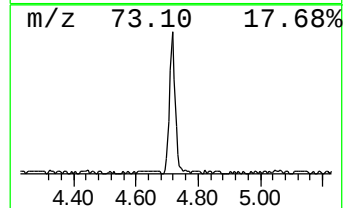
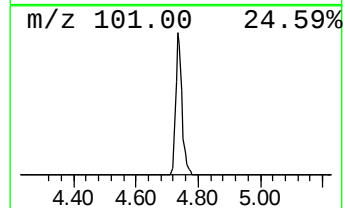
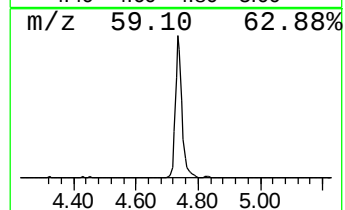
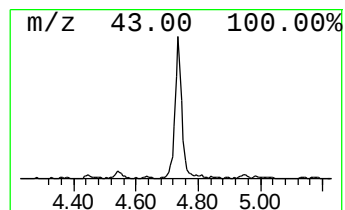
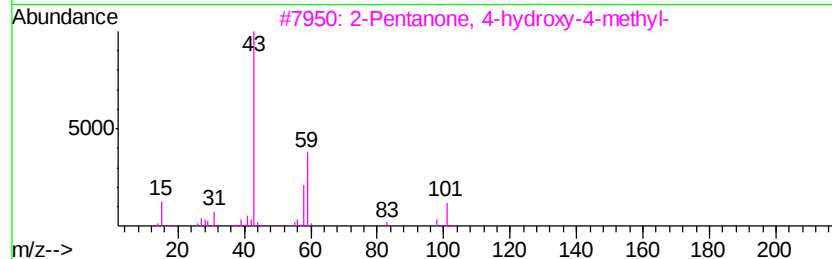
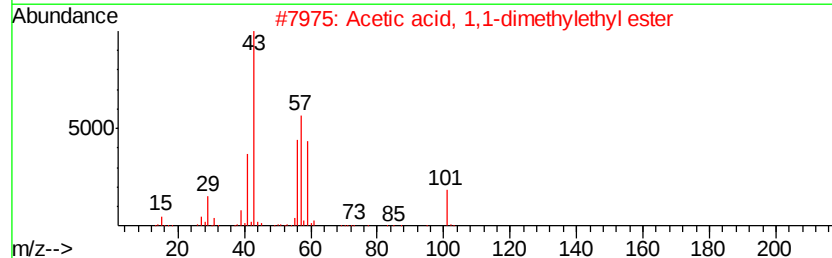
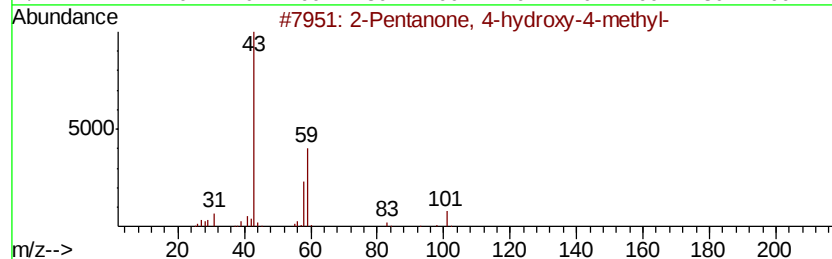
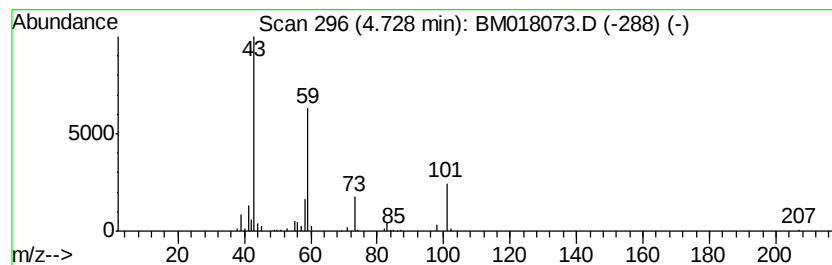
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
4.73	6.88 ng/ul	296208	1,4-Dichlorobenzene-d4	7.55

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4			Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
5			Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	35



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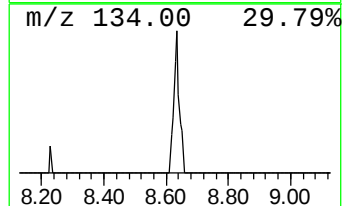
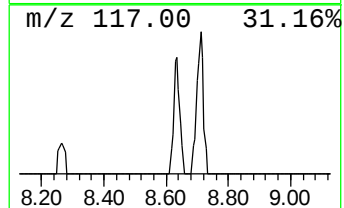
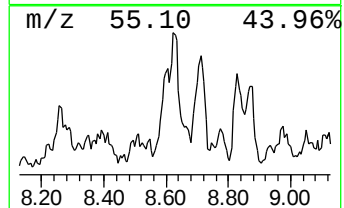
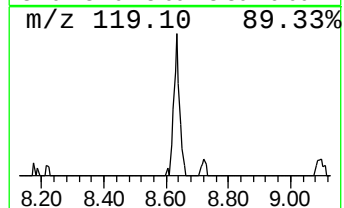
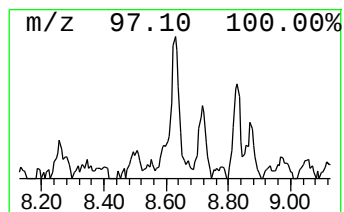
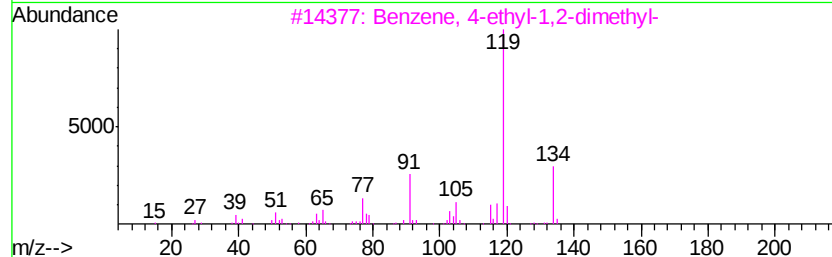
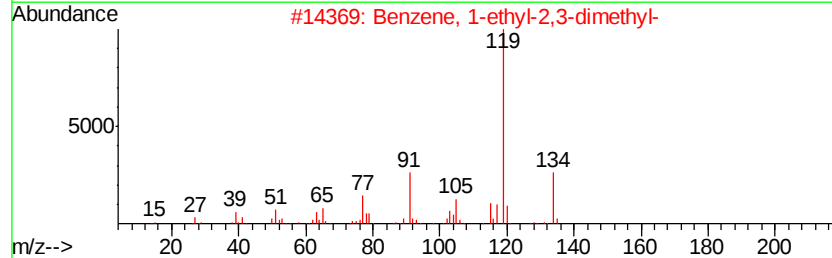
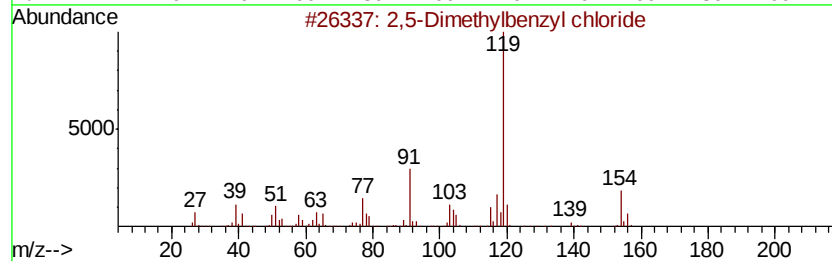
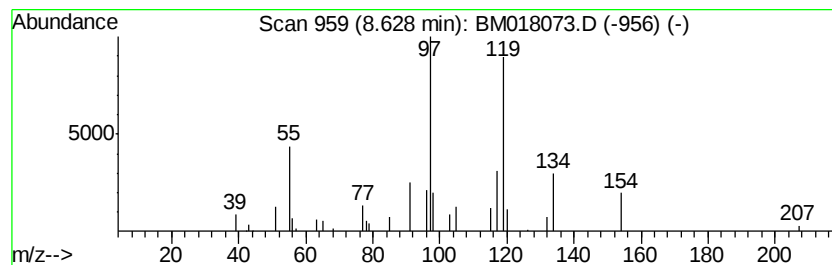
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.04 ng/ul	87654	1,4-Dichlorobenzene-d4	7.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,5-Dimethylbenzyl chloride	154	C9H11Cl	000824-45-3	38
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	38
3		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	38
4		Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	38
5		1,3,8-p-Menthatriene	134	C10H14	021195-59-5	35



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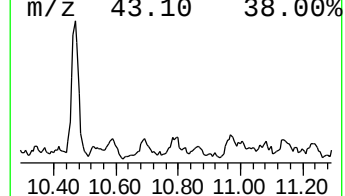
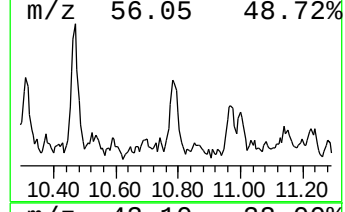
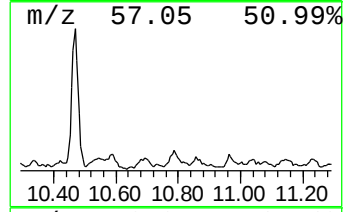
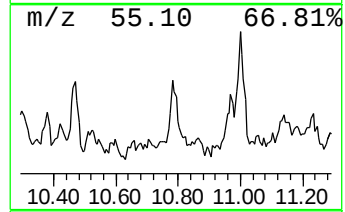
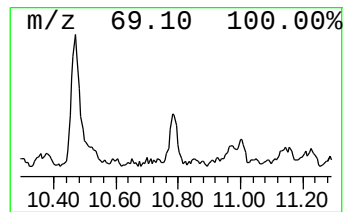
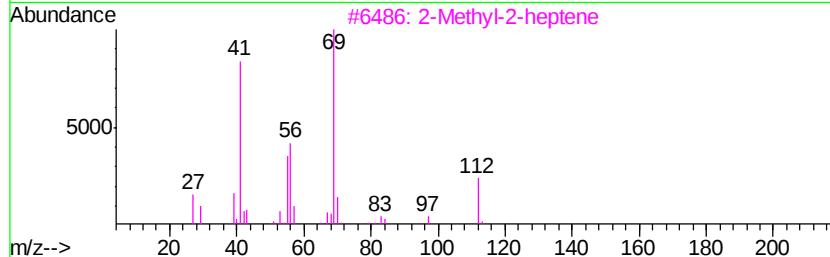
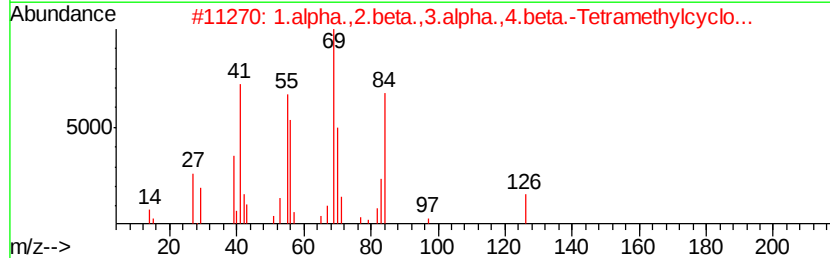
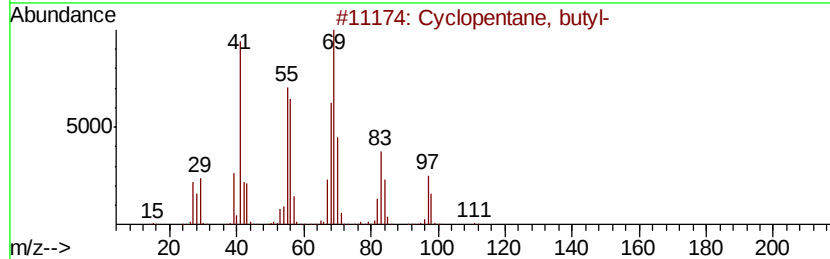
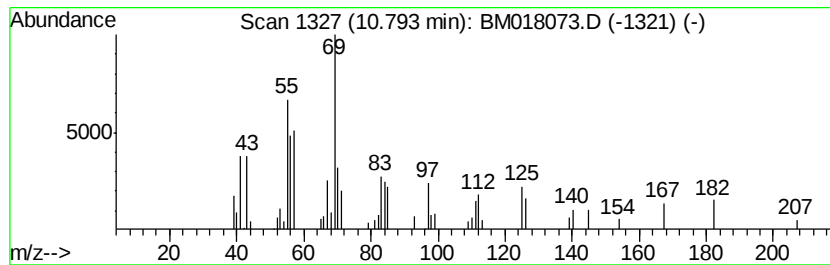
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic10.79 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	2.15 ng/ul	145688	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, butyl-	126	C9H18	002040-95-1	53
2		1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	52
3		2-Methyl-2-heptene	112	C8H16	000627-97-4	49
4		3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	49
5		3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
Operator : JU/SJ
Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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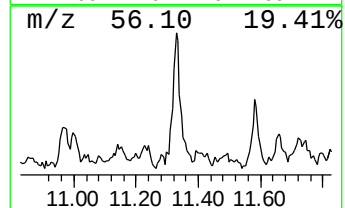
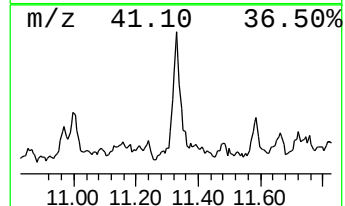
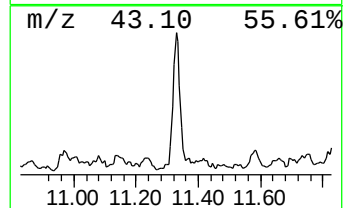
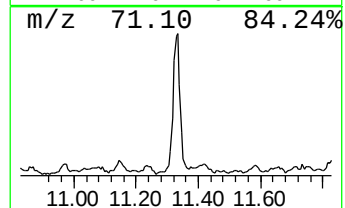
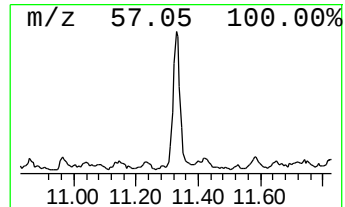
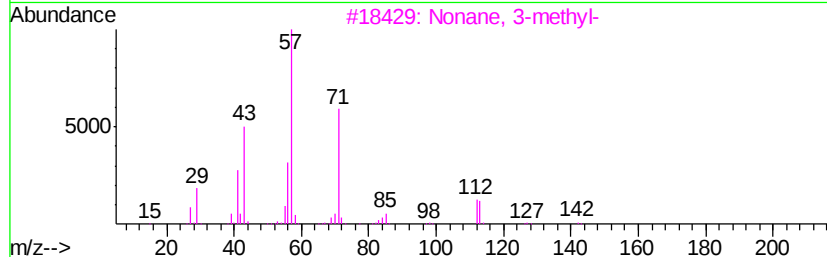
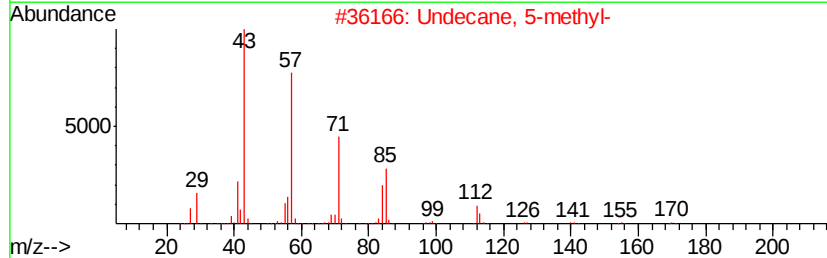
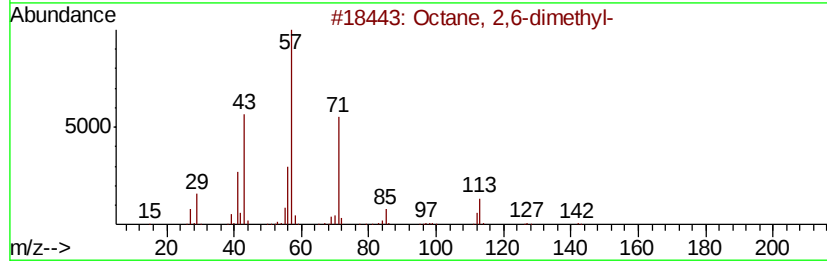
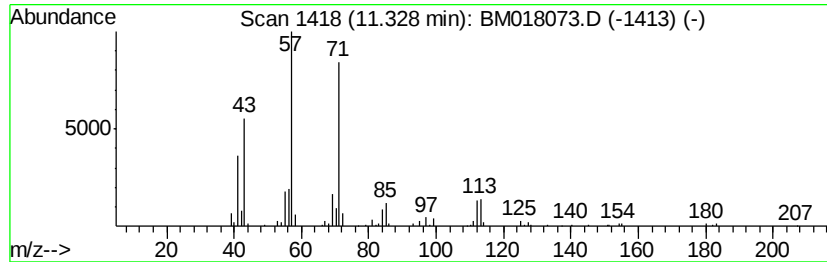
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
11.33	5.51 ng/ul	372651	Naphthalene-d8	10.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
5		Octane, 2-bromo-	192	C8H17Br	000557-35-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
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Sample : J6171-09
Misc :
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Instrument :
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ClientSampleId :
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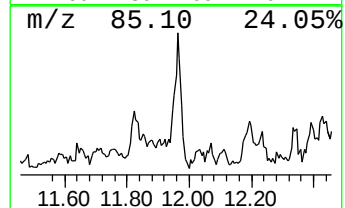
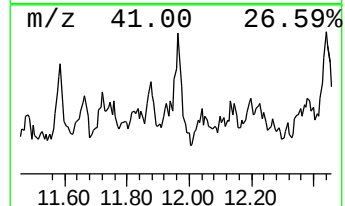
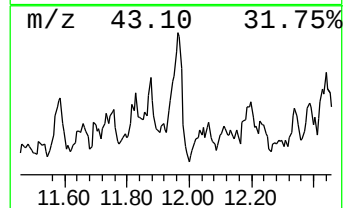
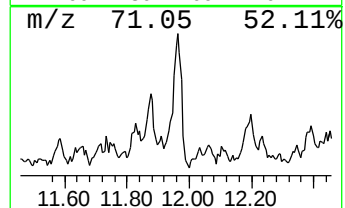
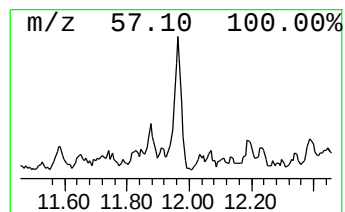
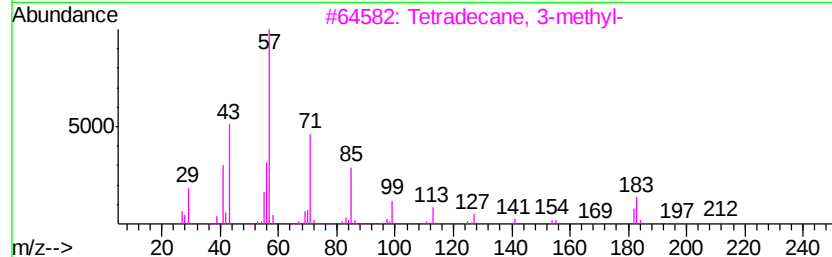
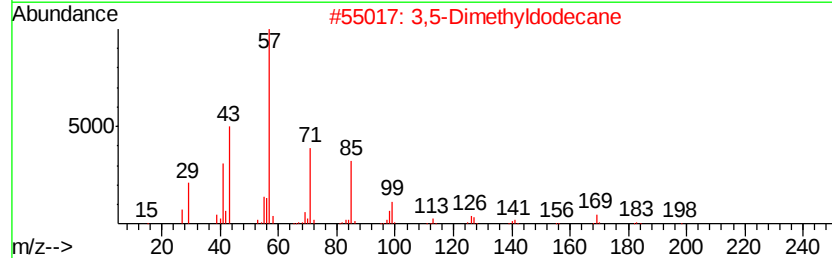
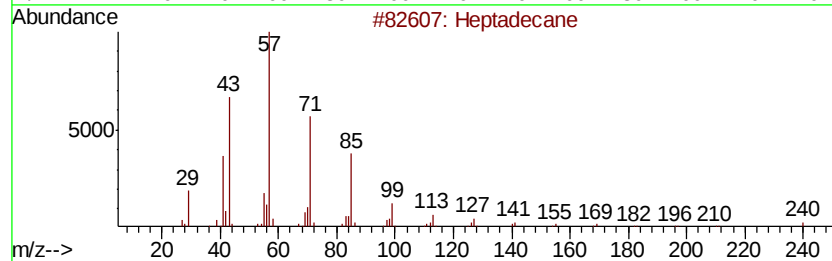
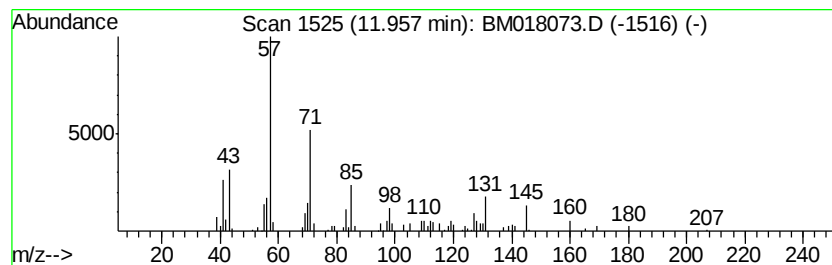
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.51 ng/ul	237743	Naphthalene-d8	10.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	59
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	53
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5	Hexadecane	226	C16H34	000544-76-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
 Data File : BM018073.D
 Acq On : 12 Dec 2018 00:37
 Operator : JU/SJ
 Sample : J6171-09
 Misc :
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Instrument :
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 ClientSampleId :
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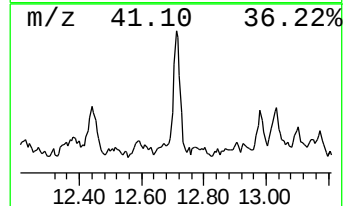
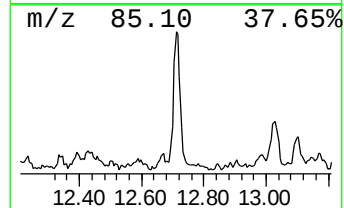
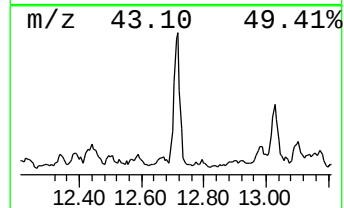
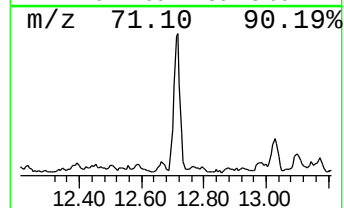
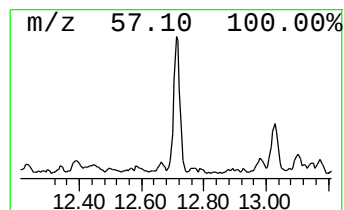
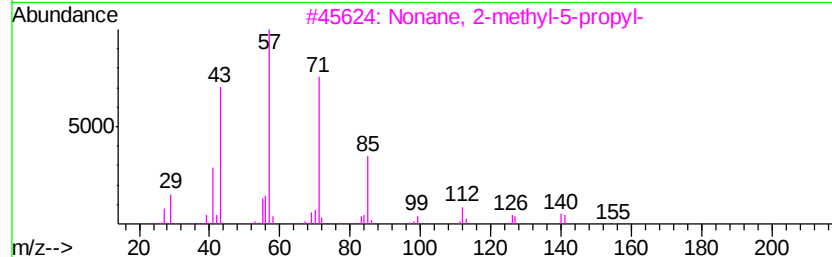
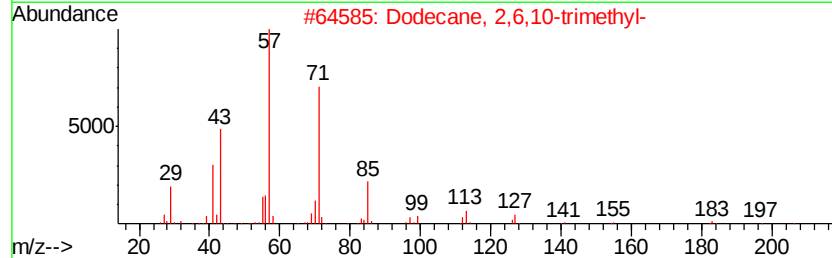
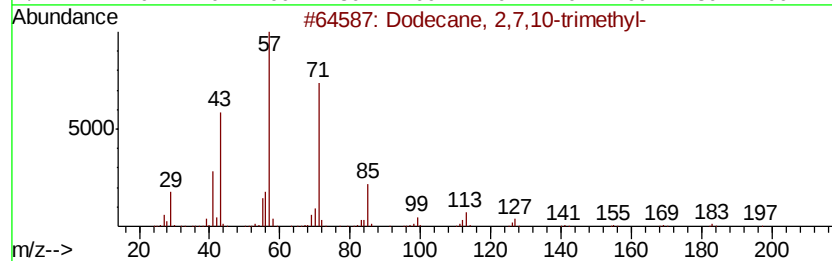
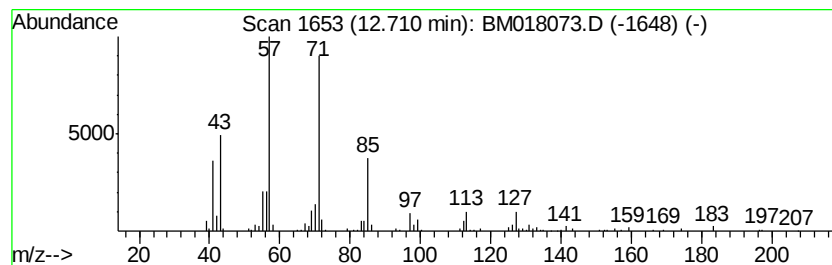
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	3.69 ng/ul	353711	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	83
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
Operator : JU/SJ
Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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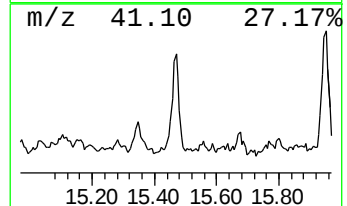
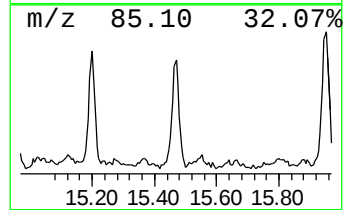
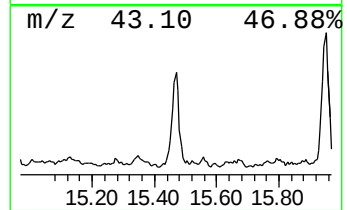
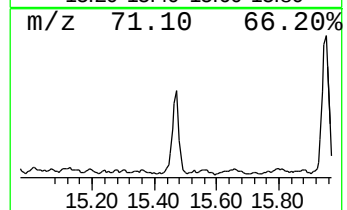
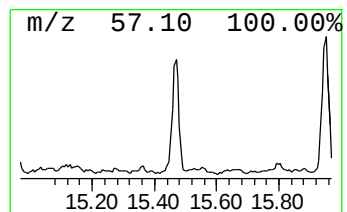
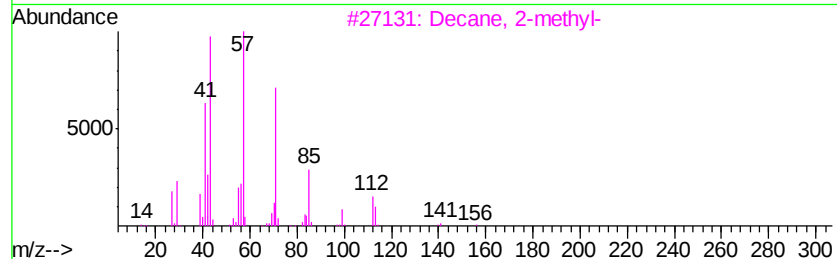
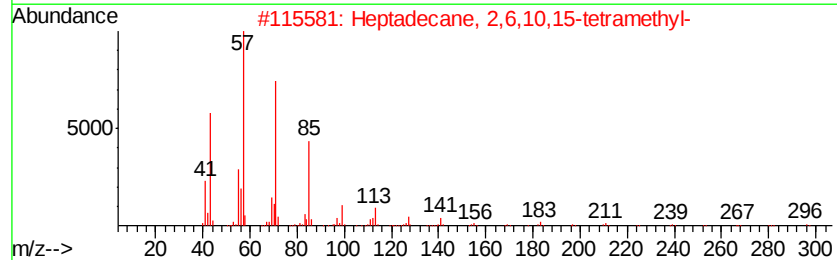
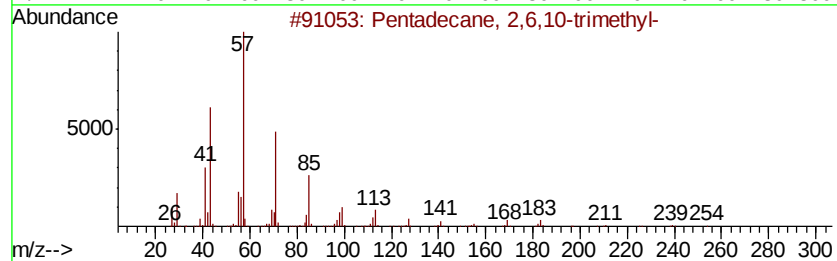
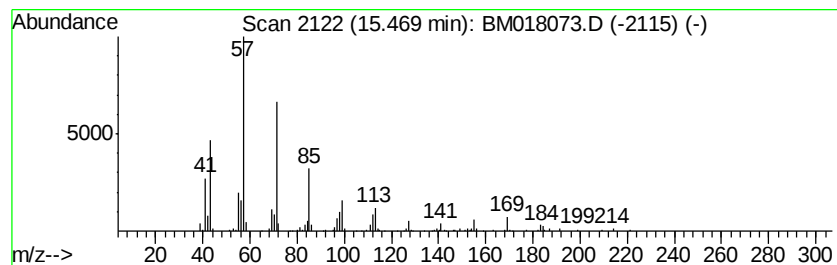
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	4.25 ng/ul	407845	Acenaphthene-d10	14.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	74
3		Decane, 2-methyl-	156	C11H24	006975-98-0	74
4		Hexacosane	366	C26H54	000630-01-3	72
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
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Sample : J6171-09
Misc :
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Instrument :
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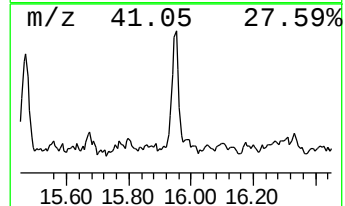
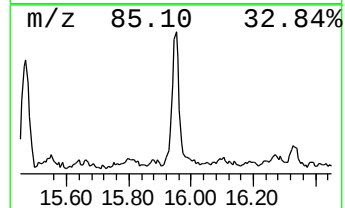
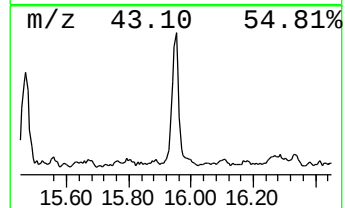
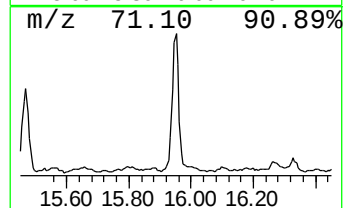
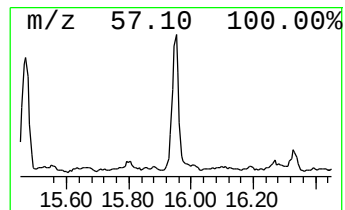
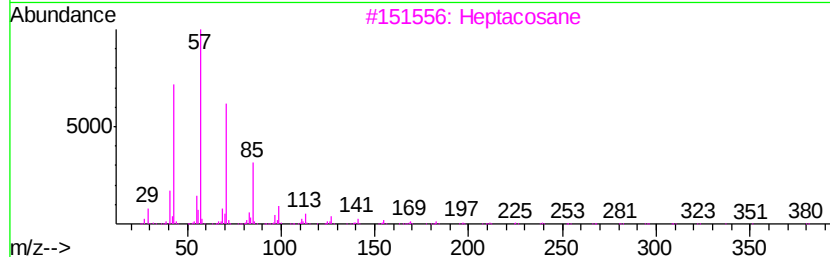
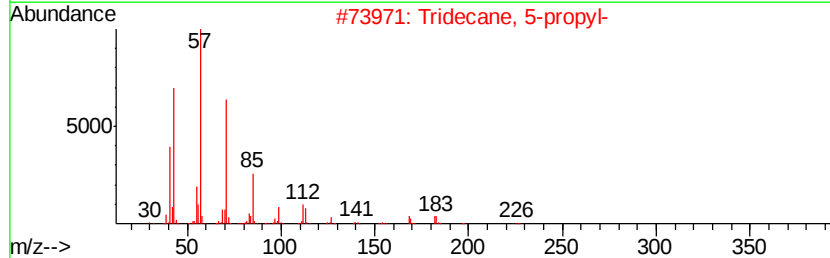
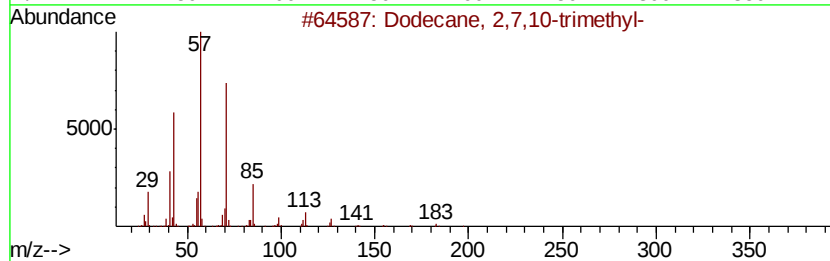
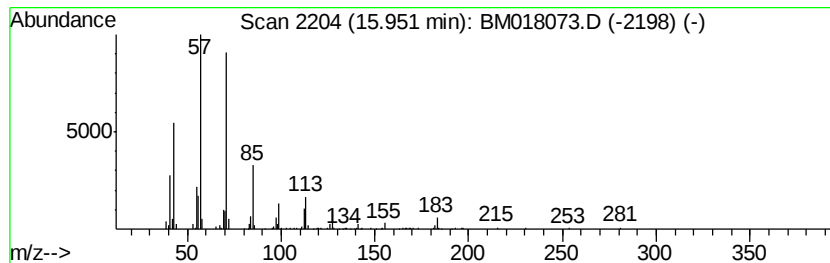
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
15.95	4.02 ng/ul	437188	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Heptacosane	380	C27H56	000593-49-7	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	70
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
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Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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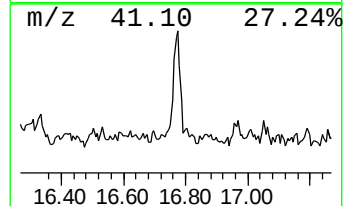
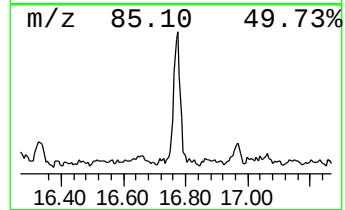
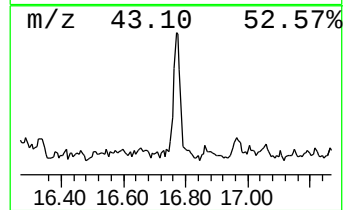
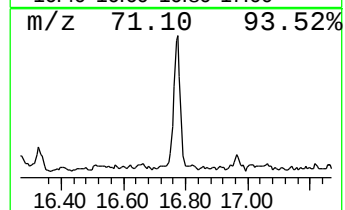
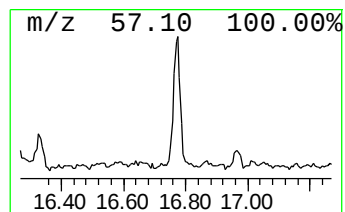
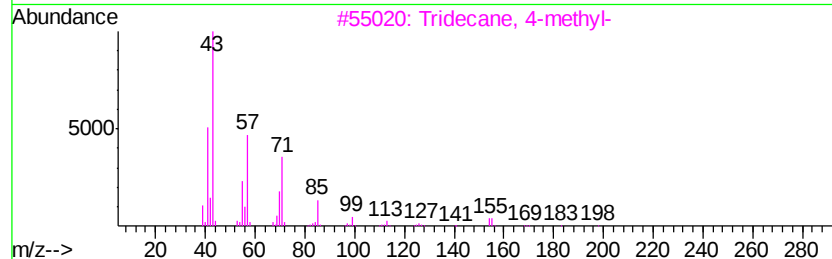
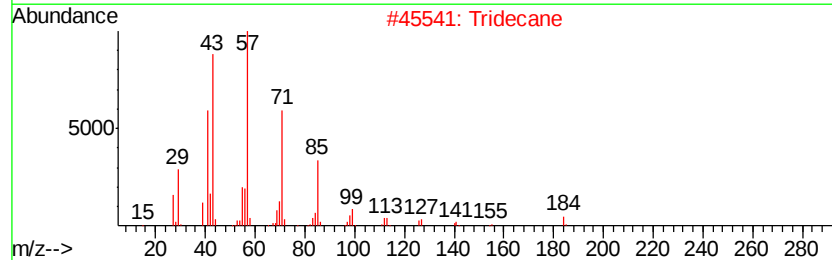
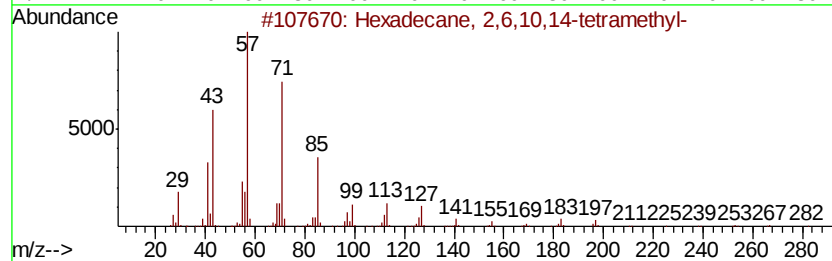
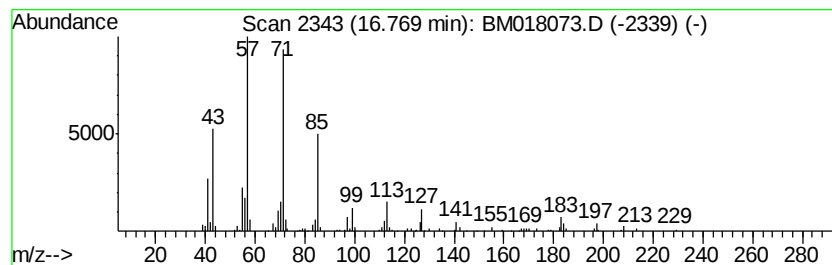
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	2.27 ng/ul	246849	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4			Hexacosane	366	C26H54	000630-01-3	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
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Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

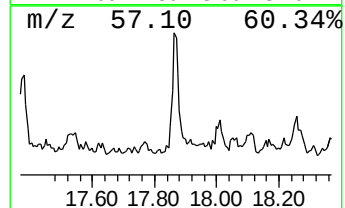
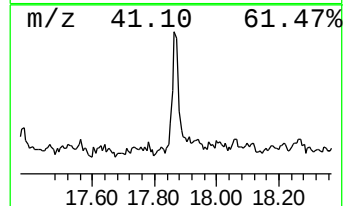
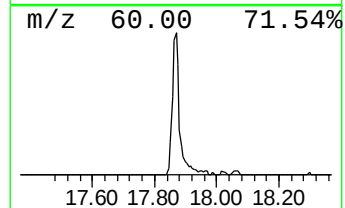
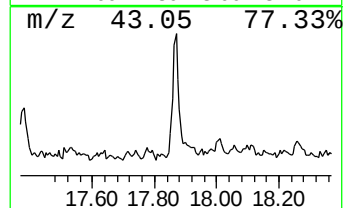
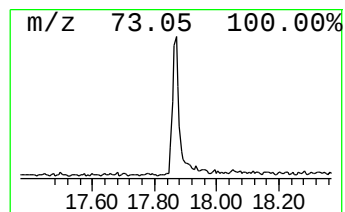
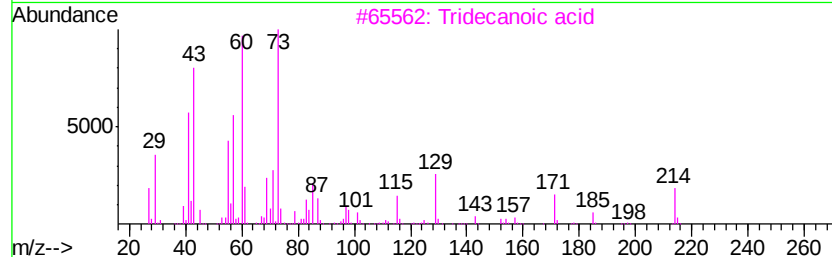
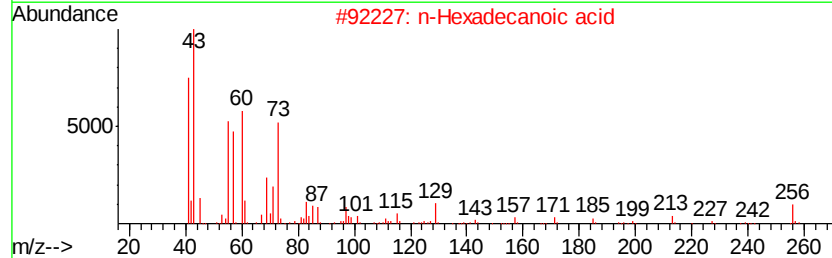
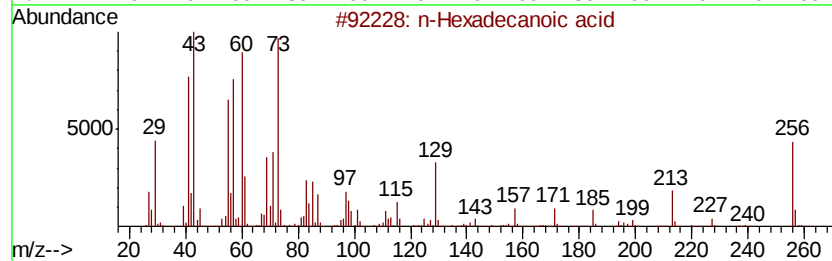
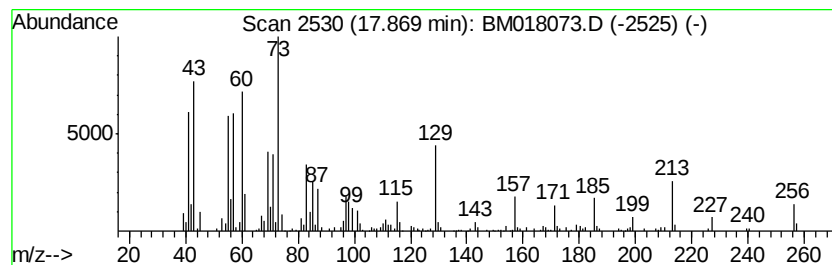
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.87	3.58 ng/ul	389395	Phenanthrene-d10	16.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
Operator : JU/SJ
Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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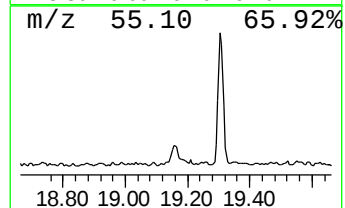
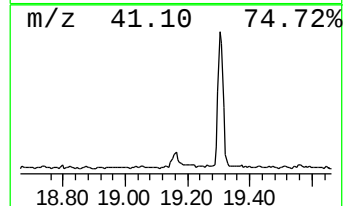
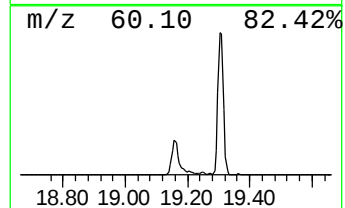
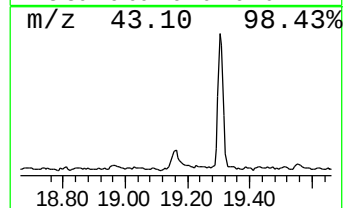
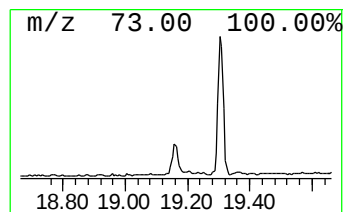
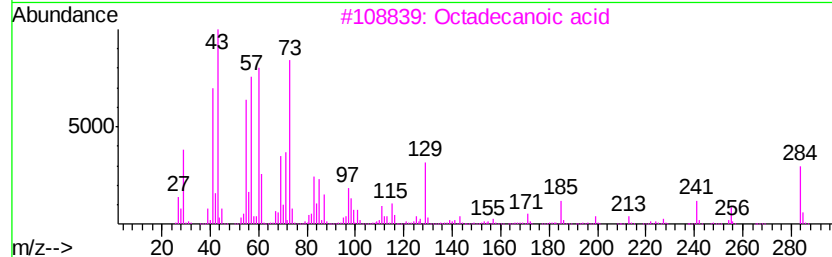
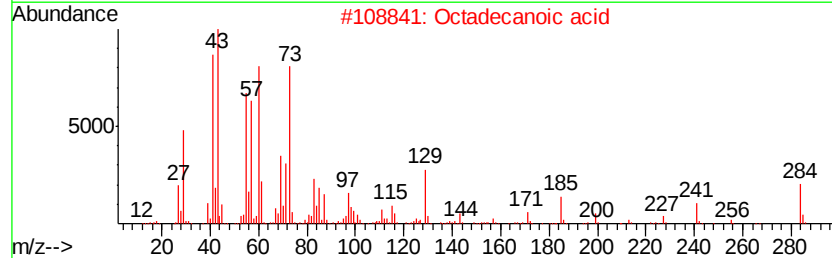
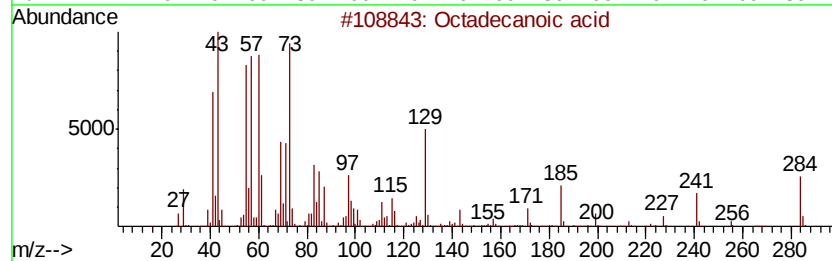
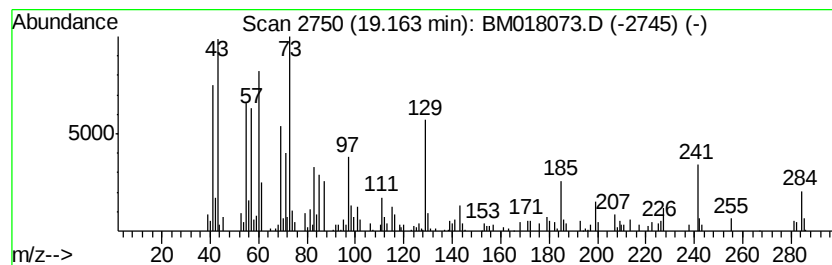
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.19 ng/ul	238035	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	83
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
Operator : JU/SJ
Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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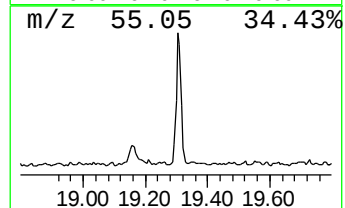
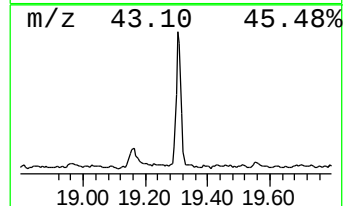
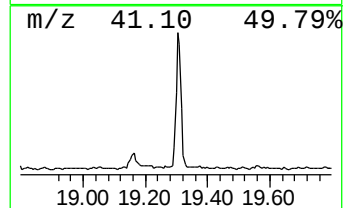
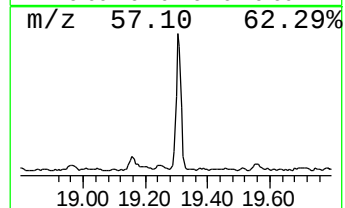
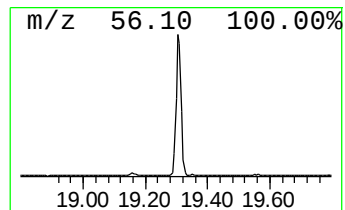
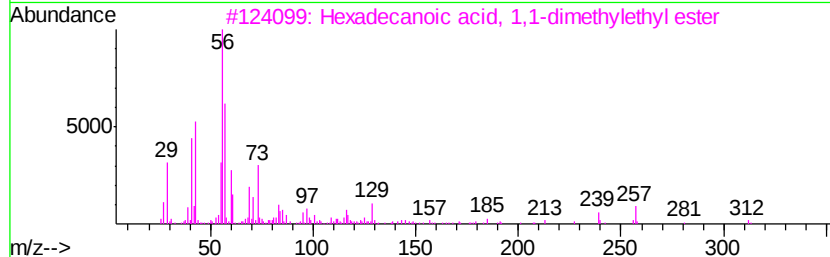
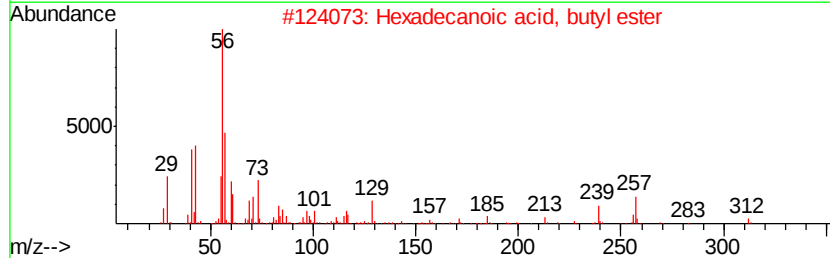
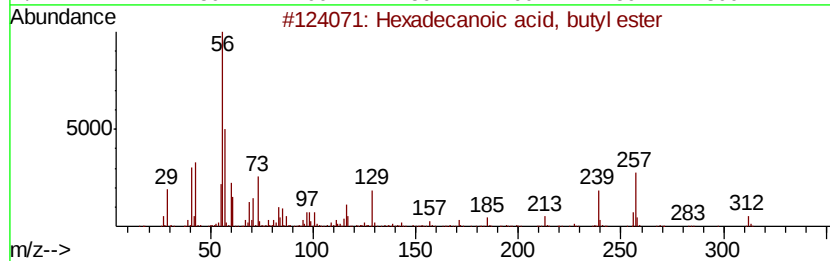
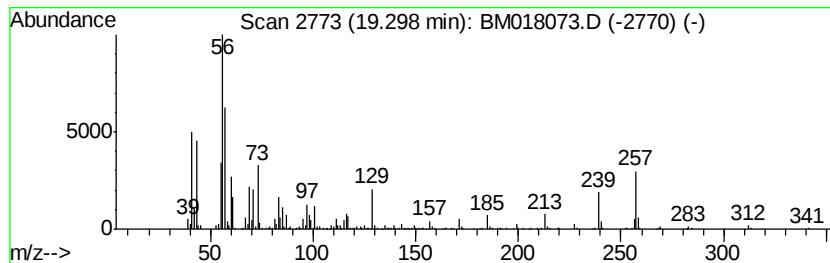
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	13.05 ng/ul	1416820	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	93
3		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	81
5		Nipecotic acid	129	C6H11NO2	000498-95-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
Operator : JU/SJ
Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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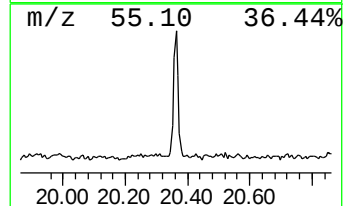
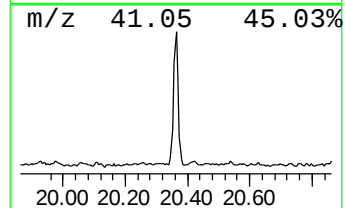
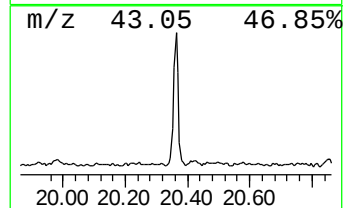
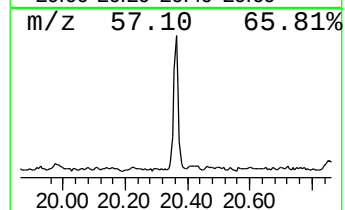
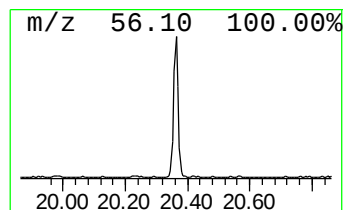
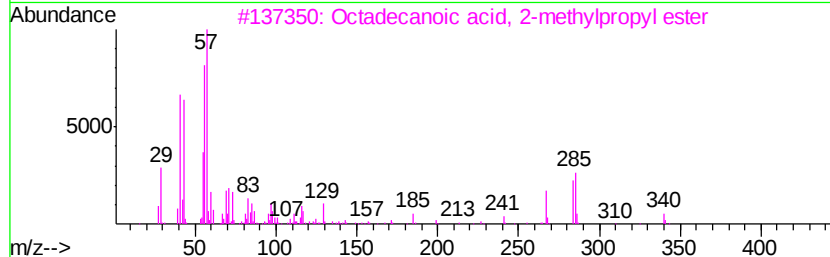
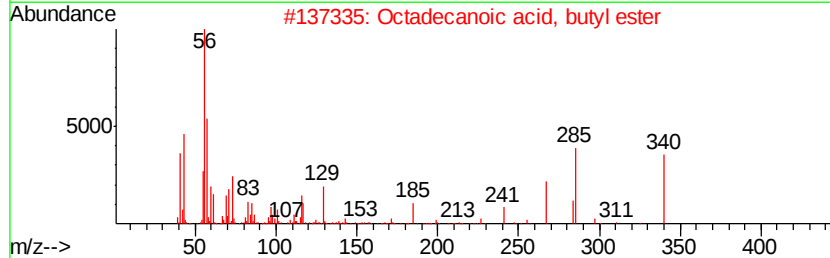
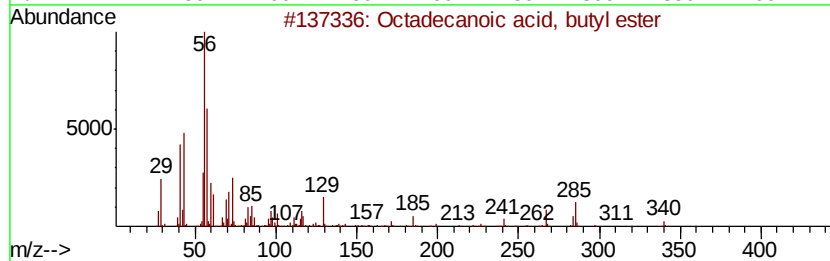
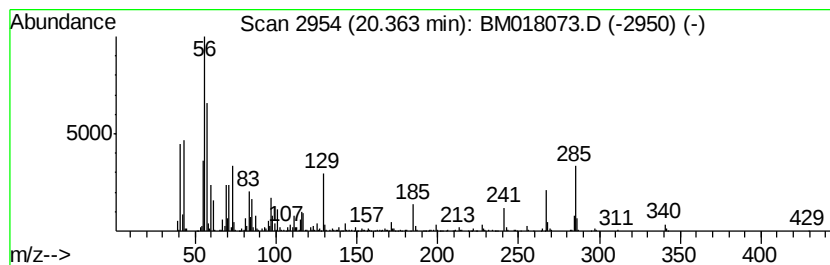
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	8.82 ng/ul	958067	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	95
2		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
3		Octadecanoic acid, 2-methylpropyl ester	340	C22H44O2	000646-13-9	83
4		Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
5		n-Butyl myristate	284	C18H36O2	000110-36-1	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121118\
Data File : BM018073.D
Acq On : 12 Dec 2018 00:37
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Sample : J6171-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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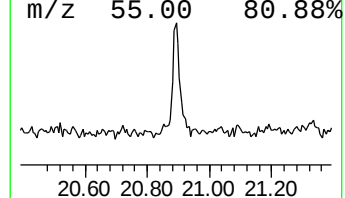
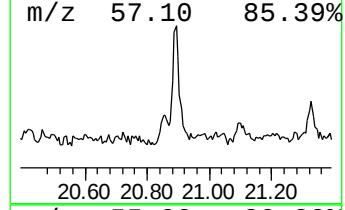
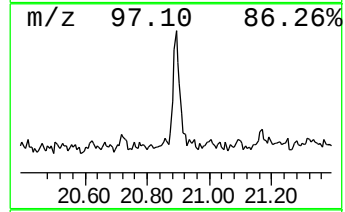
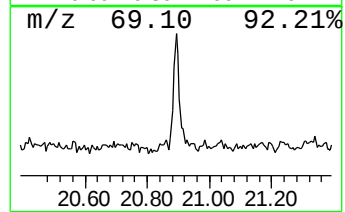
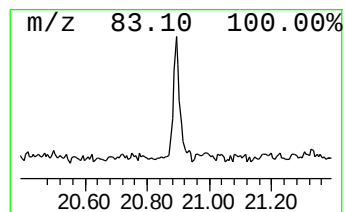
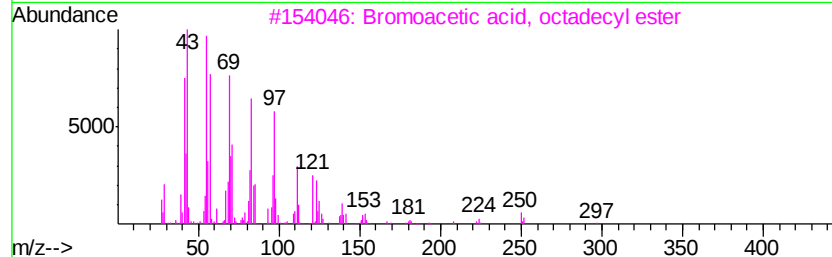
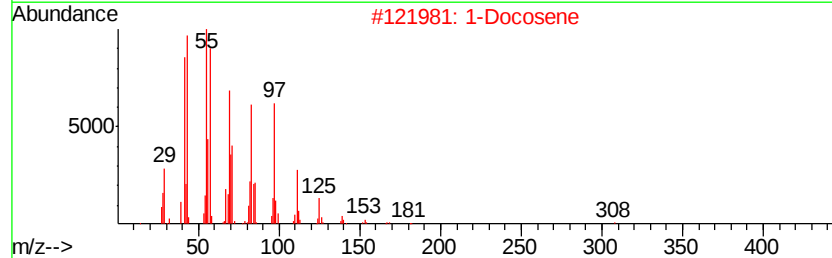
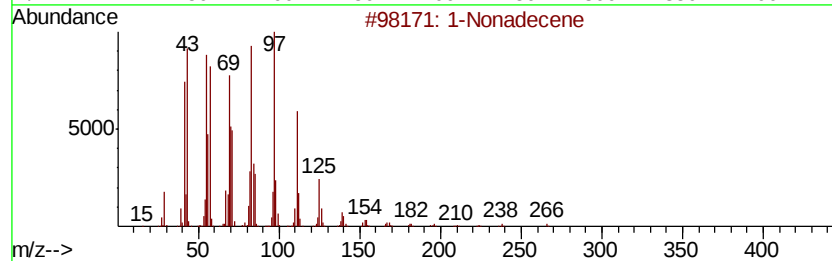
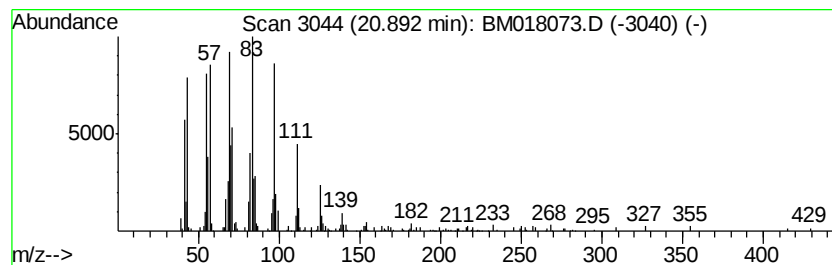
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic20.89 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.00 ng/ul	325392	Chrysene-d12	21.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	95
2			1-Docosene	308	C22H44	001599-67-3	95
3			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5			3-Eicosene, (E)-	280	C20H40	074685-33-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121118\
 Data File : BM018073.D
 Acq On : 12 Dec 2018 00:37
 Operator : JU/SJ
 Sample : J6171-09
 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-BM111918MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.73	6.9	ng/ul	296208	1	7.55	860880	20.0
unknown-01	8.63	2.0	ng/ul	87654	1	7.55	860880	20.0
(DEL) Alkane: Cyc...	10.79	2.1	ng/ul	145688	2	10.31	1352840	20.0
(DEL) Alkane: Str...	11.33	5.5	ng/ul	372651	2	10.31	1352840	20.0
(DEL) Alkane: Str...	11.96	3.5	ng/ul	237743	2	10.31	1352840	20.0
(DEL) Alkane: Str...	12.71	3.7	ng/ul	353711	3	14.20	1918490	20.0
(DEL) Alkane: Str...	15.47	4.3	ng/ul	407845	3	14.20	1918490	20.0
(DEL) Alkane: Str...	15.95	4.0	ng/ul	437188	4	16.96	2172500	20.0
(DEL) Alkane: Str...	16.77	2.3	ng/ul	246849	4	16.96	2172500	20.0
n-Hexadecanoic acid	17.87	3.6	ng/ul	389395	4	16.96	2172500	20.0
Octadecanoic acid	19.16	2.2	ng/ul	238035	5	21.17	2172140	20.0
Hexadecanoic acid...	19.30	13.1	ng/ul	1416820	5	21.17	2172140	20.0
Octadecanoic acid...	20.36	8.8	ng/ul	958067	5	21.17	2172140	20.0
(DEL) Alkane: Cyc...	20.89	3.0	ng/ul	325392	5	21.17	2172140	20.0