

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
 Data File : BM026020.D
 Acq On : 19 May 2020 14:48
 Operator : MA/SJ
 Sample : L2681-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5CA6

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-BM051320MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM026021.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	22	27	30	rBV	45034	78346	1.84%	0.154%
2	3.075	30	32	44	rVB	62332	104094	2.44%	0.205%
3	3.699	133	138	143	rBV4	7012	13113	0.31%	0.026%
4	3.781	146	152	162	rVB	382757	555535	13.02%	1.095%
5	6.204	559	564	570	rBV6	8688	15047	0.35%	0.030%
6	6.693	640	647	660	rVB	191455	308796	7.24%	0.609%
7	6.851	668	674	688	rBV	630910	965283	22.63%	1.903%
8	7.040	696	706	715	rBV	683276	1041934	24.42%	2.054%
9	7.163	723	727	731	rVV5	8115	12446	0.29%	0.025%
10	7.504	778	785	793	rBV	662484	1037663	24.32%	2.045%
11	7.581	793	798	813	rVB	217209	341209	8.00%	0.673%
12	7.757	822	828	835	rBV7	5843	10616	0.25%	0.021%
13	7.951	857	861	867	rBV2	30874	48130	1.13%	0.095%
14	8.146	882	894	899	rBV3	14667	28322	0.66%	0.056%
15	8.210	899	905	913	rBV	539641	820434	19.23%	1.617%
16	8.328	918	925	933	rVB6	12688	31830	0.75%	0.063%
17	8.510	951	956	960	rVB4	9168	15317	0.36%	0.030%
18	8.604	966	972	973	rBV2	25191	32875	0.77%	0.065%
19	8.645	973	979	991	rVB	789867	1272446	29.82%	2.508%
20	8.840	1007	1012	1020	rBV2	28601	54586	1.28%	0.108%
21	8.940	1022	1029	1034	rVV5	10475	22090	0.52%	0.044%
22	9.122	1054	1060	1065	rVB	26187	38630	0.91%	0.076%
23	9.181	1065	1070	1075	rBV2	12950	21524	0.50%	0.042%
24	9.304	1082	1091	1094	rBV7	9617	17369	0.41%	0.034%
25	9.357	1094	1100	1109	rVV	610529	977115	22.90%	1.926%
26	9.681	1151	1155	1161	rVB4	15513	28584	0.67%	0.056%
27	9.892	1185	1191	1203	rVB	933972	1509727	35.39%	2.976%
28	10.092	1222	1225	1229	rBV2	7721	11553	0.27%	0.023%
29	10.263	1247	1254	1259	rBV	901172	1435651	33.65%	2.830%
30	10.316	1259	1263	1271	rVB	108447	183064	4.29%	0.361%
31	10.416	1271	1280	1281	rBV2	40149	71618	1.68%	0.141%
32	10.439	1281	1284	1292	rVB2	103618	165438	3.88%	0.326%
33	10.734	1329	1334	1340	rVB2	12148	18613	0.44%	0.037%
34	10.845	1347	1353	1358	rBV3	15403	27830	0.65%	0.055%

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35	11.381	1439	1444	1451	rVB8	7305	12348	0.29%	0.024%
36	11.457	1451	1457	1461	rBV9	6053	12031	0.28%	0.024%
37	11.604	1474	1482	1486	rVV10	9045	20243	0.47%	0.040%
38	11.657	1486	1491	1497	rVB7	11398	22451	0.53%	0.044%
39	11.828	1515	1520	1522	rBV5	8323	11482	0.27%	0.023%
40	11.863	1522	1526	1535	rVB3	13669	28139	0.66%	0.055%
41	11.939	1535	1539	1545	rBV3	12379	20085	0.47%	0.040%
42	12.116	1564	1569	1571	rBV5	9783	13966	0.33%	0.028%
43	12.157	1571	1576	1582	rVB	46243	72883	1.71%	0.144%
44	12.281	1596	1597	1602	rVB5	8379	11915	0.28%	0.023%
45	12.498	1631	1634	1639	rVV2	13853	20390	0.48%	0.040%
46	12.639	1653	1658	1662	rBV7	10357	16781	0.39%	0.033%
47	12.763	1674	1679	1684	rVB5	22281	38054	0.89%	0.075%
48	12.975	1711	1715	1721	rBV9	7731	17479	0.41%	0.034%
49	13.104	1734	1737	1741	rVV6	7708	14800	0.35%	0.029%
50	13.151	1741	1745	1749	rVV6	13921	22484	0.53%	0.044%
51	13.186	1749	1751	1761	rVB10	7374	13603	0.32%	0.027%
52	13.310	1763	1772	1778	rBV10	13625	34230	0.80%	0.067%
53	13.469	1791	1799	1804	rBV7	14344	35538	0.83%	0.070%
54	13.522	1804	1808	1810	rVV4	7717	10316	0.24%	0.020%
55	13.569	1810	1816	1820	rVV	1696568	2277401	53.38%	4.489%
56	13.616	1820	1824	1831	rVB	268931	386217	9.05%	0.761%
57	13.698	1834	1838	1842	rBV4	16743	21864	0.51%	0.043%
58	13.833	1854	1861	1872	rBV	1923829	2727995	63.94%	5.377%
59	13.957	1878	1882	1888	rVB	33199	49457	1.16%	0.097%
60	14.086	1900	1904	1905	rBV3	12259	15058	0.35%	0.030%
61	14.145	1908	1914	1921	rVV2	1244319	1763362	41.33%	3.476%
62	14.210	1921	1925	1930	rVV	18612	24561	0.58%	0.048%
63	14.363	1945	1951	1963	rVV	163169	274720	6.44%	0.542%
64	14.551	1979	1983	1988	rVB2	17279	28114	0.66%	0.055%
65	14.698	2003	2008	2012	rBV2	36894	49506	1.16%	0.098%
66	14.739	2012	2015	2017	rVV3	21475	25249	0.59%	0.050%
67	14.780	2017	2022	2030	rVB	137013	197983	4.64%	0.390%
68	14.904	2036	2043	2048	rBV5	21042	39208	0.92%	0.077%
69	14.980	2052	2056	2063	rVB5	21492	33713	0.79%	0.066%
70	15.145	2078	2084	2090	rBV	2354596	3216040	75.38%	6.339%
71	15.198	2090	2093	2099	rVB2	32374	49957	1.17%	0.098%

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72	15.274	2100	2106	2113	rBV	853543	1229326	28.81%	2.423%
73	15.357	2116	2120	2124	rBV	37404	53866	1.26%	0.106%
74	15.504	2141	2145	2152	rBV8	13321	29099	0.68%	0.057%
75	15.645	2167	2169	2180	rVB9	12425	26257	0.62%	0.052%
76	15.869	2204	2207	2212	rBV6	19507	31367	0.74%	0.062%
77	16.086	2240	2244	2245	rBV4	11629	13619	0.32%	0.027%
78	16.445	2303	2305	2311	rVB3	16093	17920	0.42%	0.035%
79	16.551	2317	2323	2336	rBV	2571755	3559698	83.43%	7.017%
80	16.686	2342	2346	2348	rBV5	14312	24590	0.58%	0.048%
81	16.892	2372	2381	2387	rBV	1460605	2053981	48.14%	4.049%
82	16.992	2392	2398	2410	rBV	2653254	3531264	82.77%	6.961%
83	17.821	2535	2539	2547	rBV	157524	241100	5.65%	0.475%
84	17.880	2547	2549	2554	rVB	25945	36549	0.86%	0.072%
85	18.927	2723	2727	2730	rBV	38641	52113	1.22%	0.103%
86	19.080	2750	2753	2755	rBV2	27509	33556	0.79%	0.066%
87	19.110	2755	2758	2766	rVV	109203	147117	3.45%	0.290%
88	19.292	2783	2789	2796	rBV	3179548	4095493	95.99%	8.073%
89	20.839	3048	3052	3058	rBV2	203086	283999	6.66%	0.560%
90	21.051	3084	3088	3089	rBV2	141648	174821	4.10%	0.345%
91	21.092	3090	3095	3102	rVB	2086327	2662370	62.40%	5.248%
92	21.286	3125	3128	3134	rVB	127374	131946	3.09%	0.260%
93	21.703	3196	3199	3206	rBV	236943	271468	6.36%	0.535%
94	22.145	3270	3274	3279	rBV	344253	408250	9.57%	0.805%
95	22.621	3351	3355	3361	rVB	397103	512931	12.02%	1.011%
96	23.086	3427	3434	3441	rBV	2579500	4266434	100.00%	8.410%
97	23.150	3441	3445	3450	rVV	398240	622722	14.60%	1.228%
98	23.215	3450	3456	3465	rVB	1424976	2409655	56.48%	4.750%
99	23.756	3543	3548	3556	rVB	281443	492740	11.55%	0.971%
100	24.444	3661	3665	3678	rVB	182272	369599	8.66%	0.729%

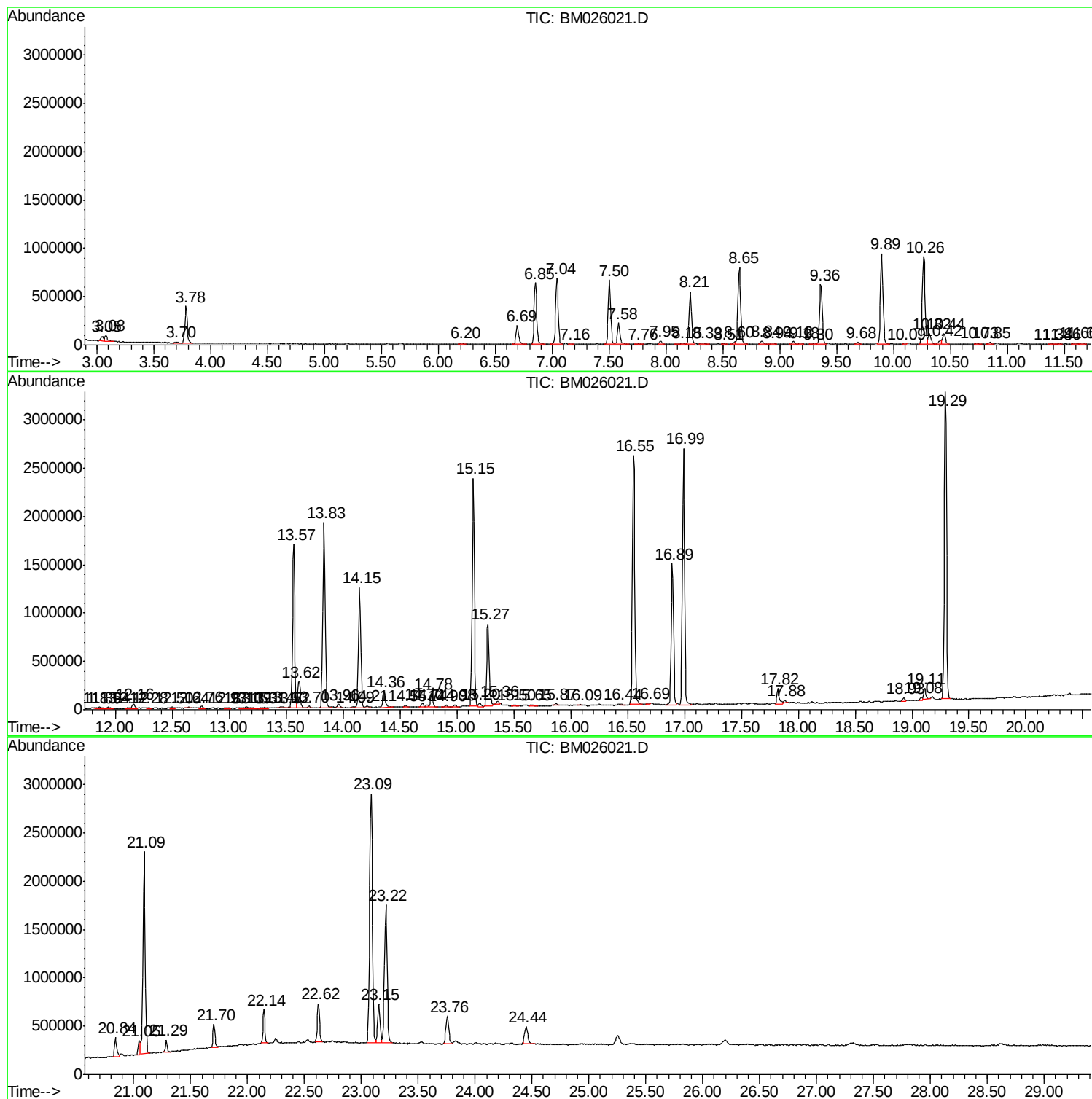
Sum of corrected areas: 50730301

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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



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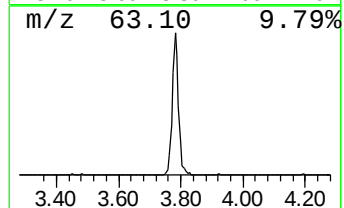
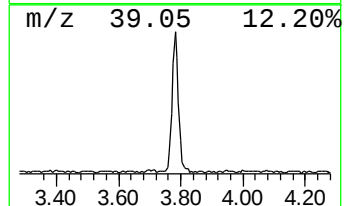
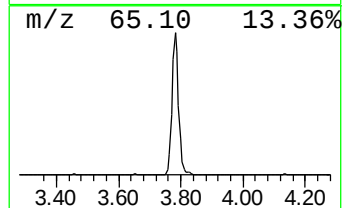
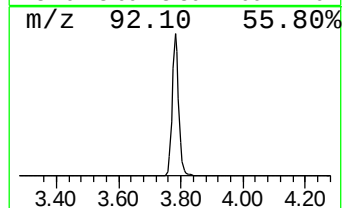
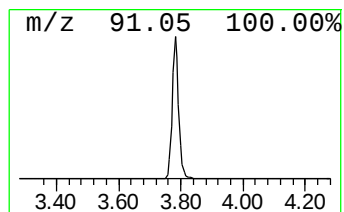
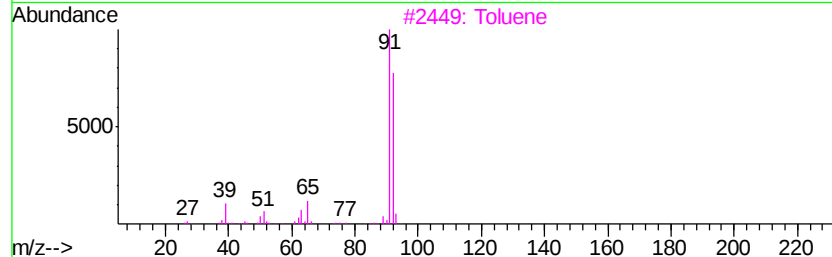
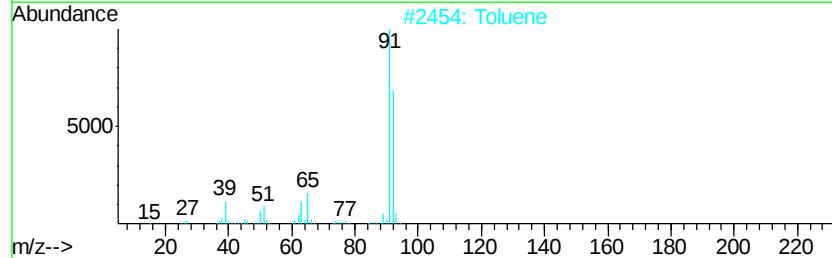
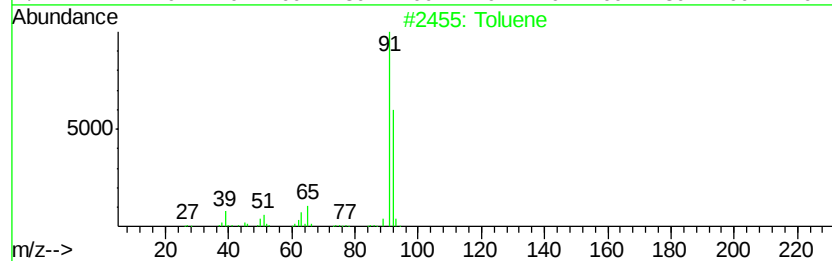
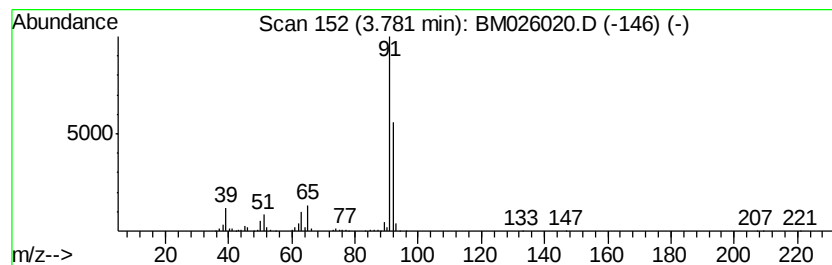
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	10.71 ng/ul	555535	1,4-Dichlorobenzene-d4	7.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	95
3		Toluene	92	C7H8	000108-88-3	94
4		Toluene	92	C7H8	000108-88-3	91
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90



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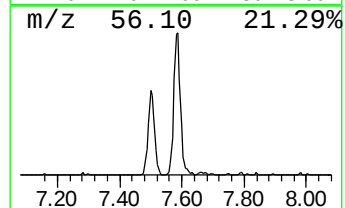
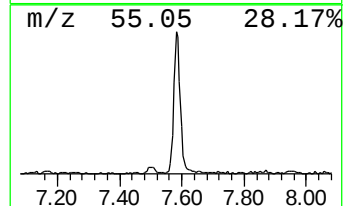
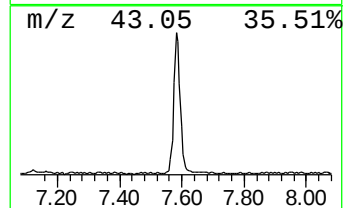
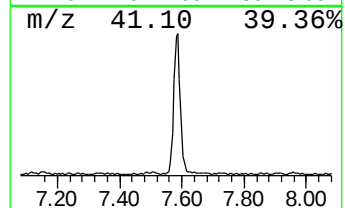
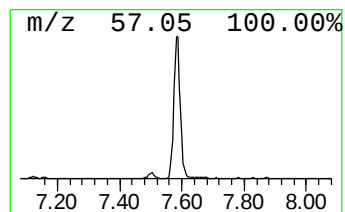
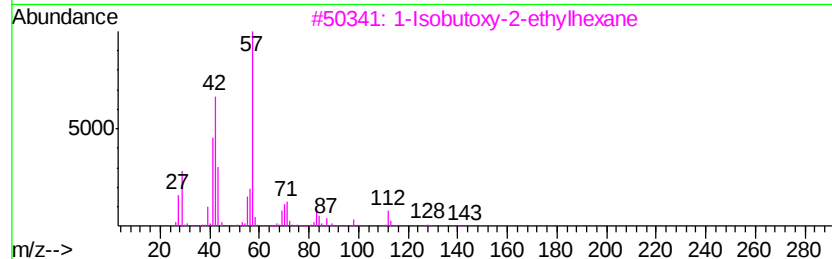
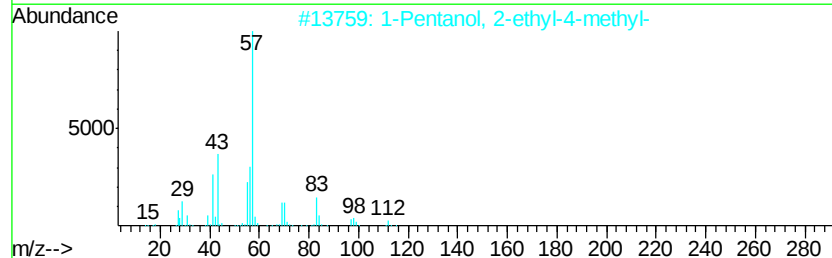
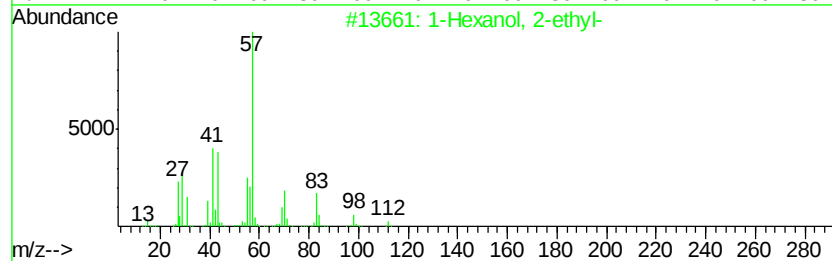
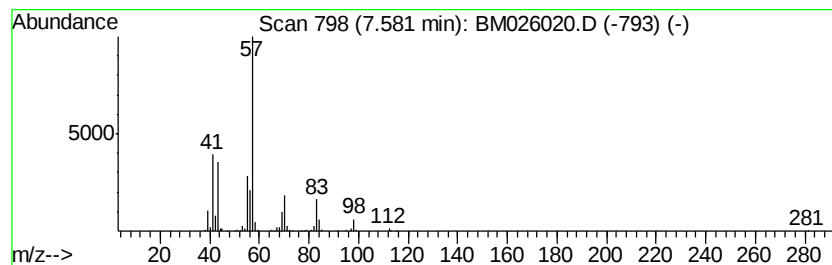
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	6.58 ng/ul	341209	1,4-Dichlorobenzene-d4	7.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	74
3			1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	72
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59



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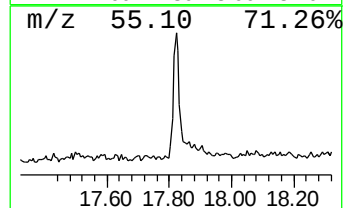
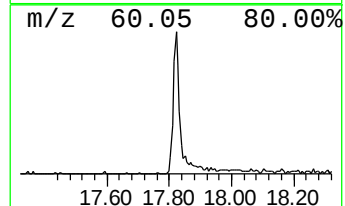
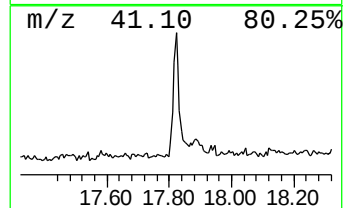
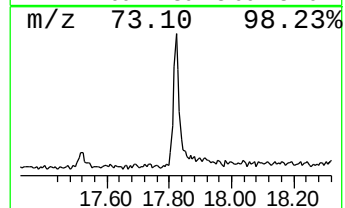
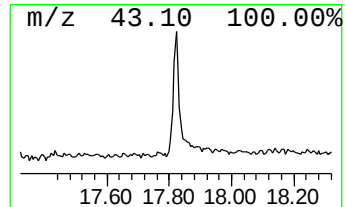
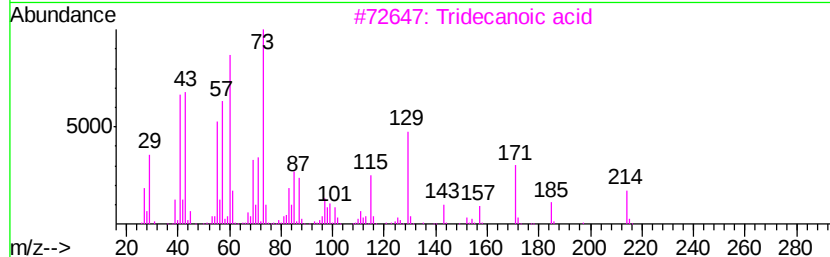
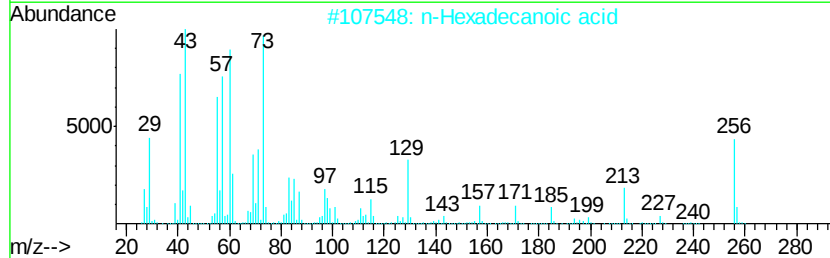
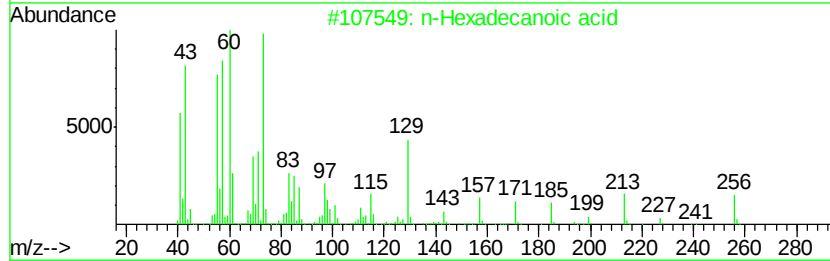
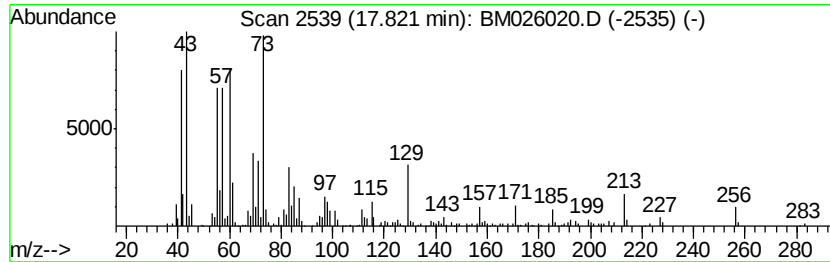
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.82	2.35 ng/ul	241100	Phenanthrene-d10	16.89		
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	97
3	Tridecanoic acid		214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid		228	C14H28O2	000544-63-8	86
5	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
Operator : MA/SJ
Sample : L2681-04
Misc :
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Instrument :
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ClientSampleId :
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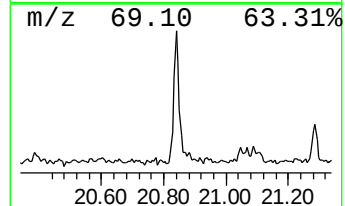
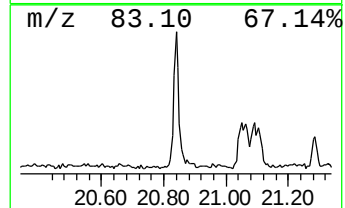
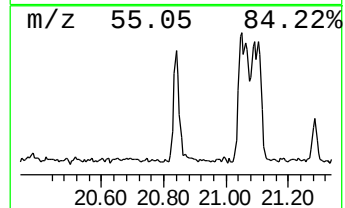
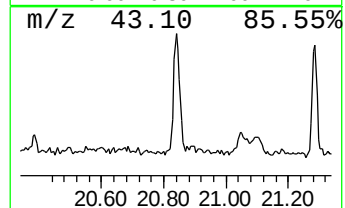
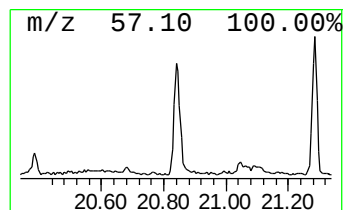
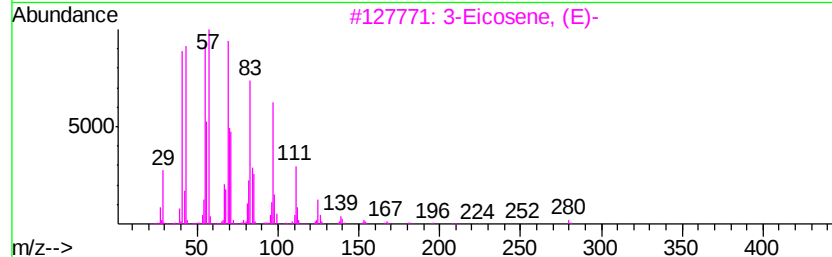
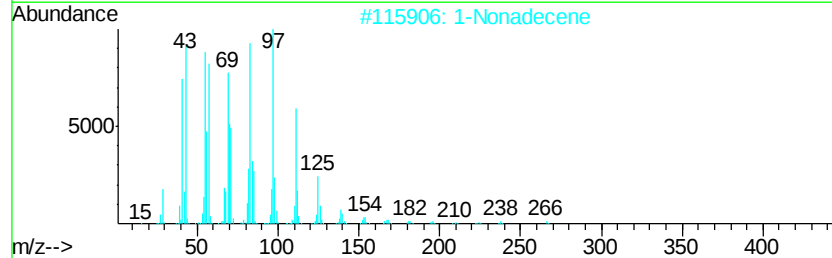
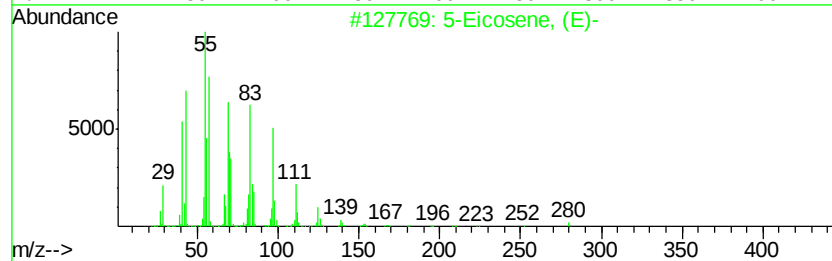
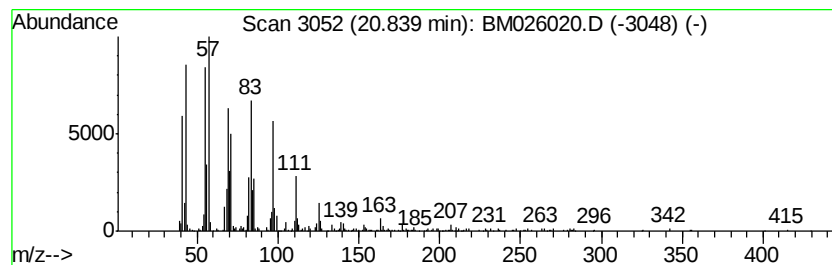
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.84	2.13 ng/ul	283999	Chrysene-d12	21.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2			1-Nonadecene	266	C19H38	018435-45-5	96
3			3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5			Cyclooctacosane	392	C28H56	000297-24-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
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Sample : L2681-04
Misc :
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Instrument :
BNA_M
ClientSampleId :
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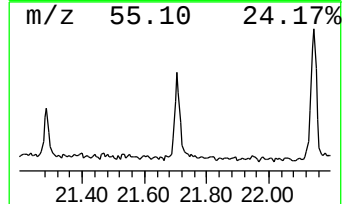
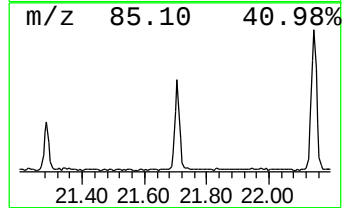
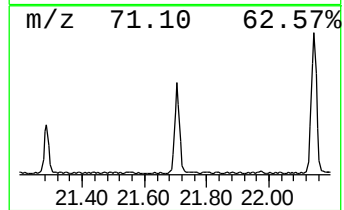
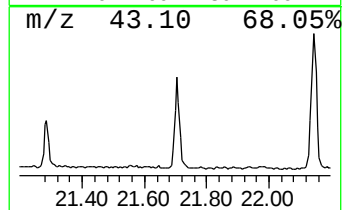
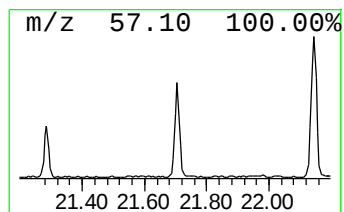
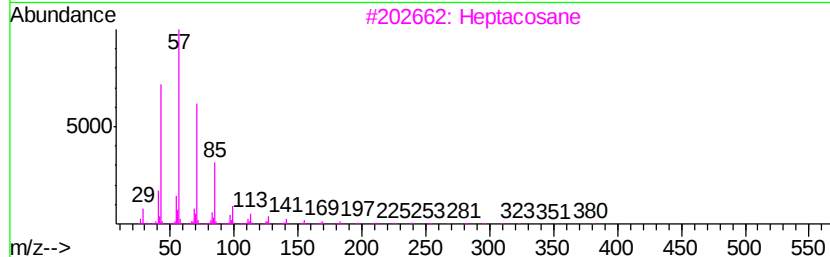
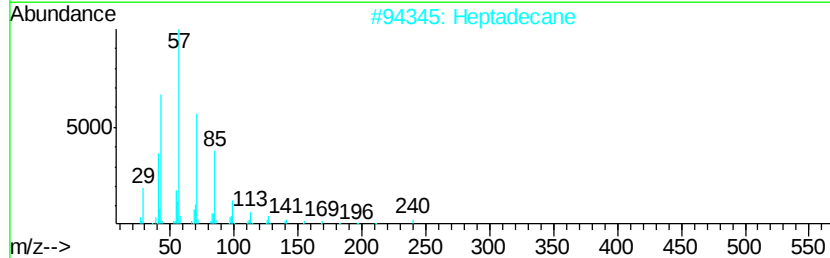
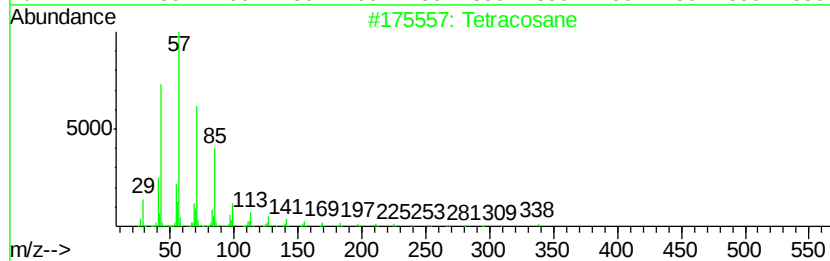
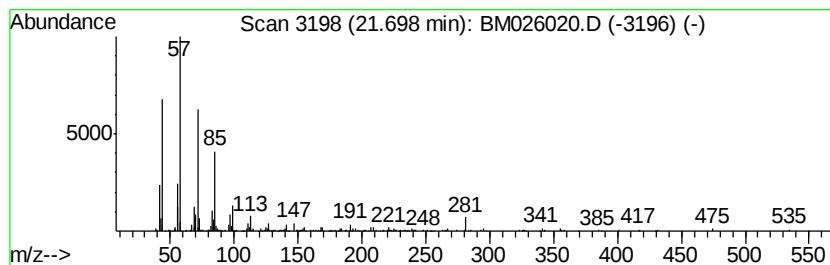
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.04 ng/ul	271468	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	87
2		Heptadecane	240	C17H36	000629-78-7	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Eicosane, 9-octyl-	394	C28H58	013475-77-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
Operator : MA/SJ
Sample : L2681-04
Misc :
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Instrument :
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ClientSampleId :
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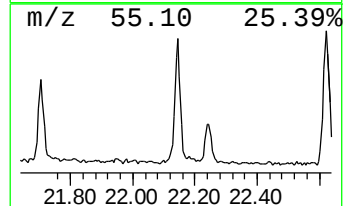
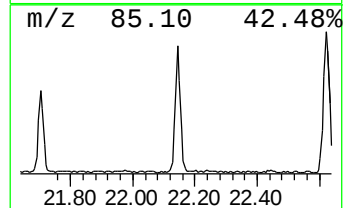
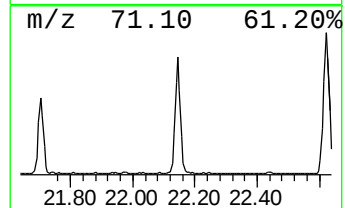
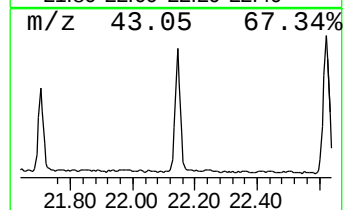
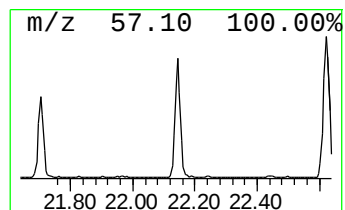
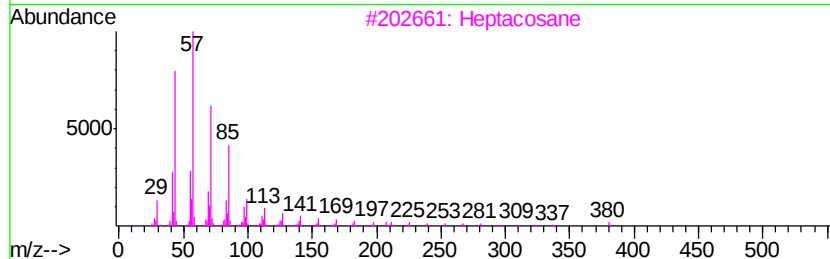
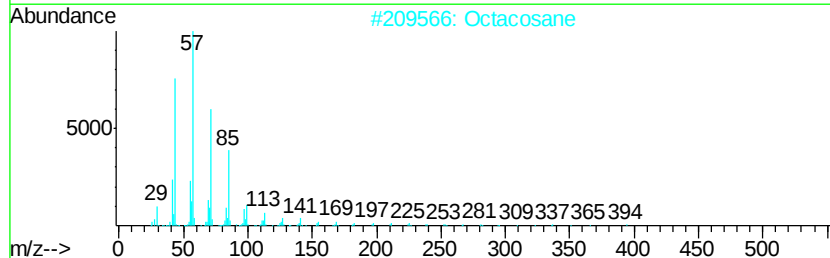
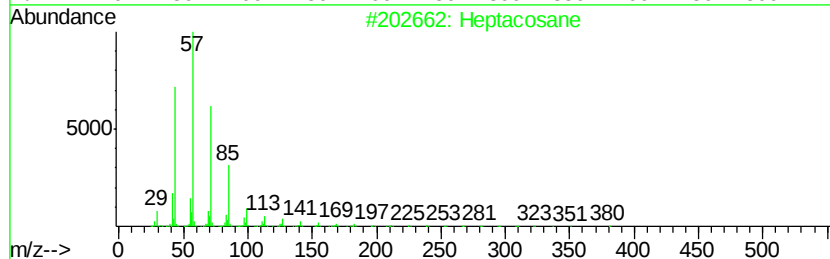
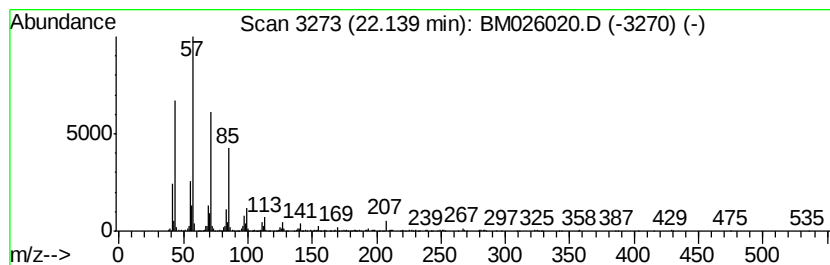
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
22.14	3.07 ng/ul	408250	Chrysene-d12	21.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Nonadecane	268	C19H40	000629-92-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
Operator : MA/SJ
Sample : L2681-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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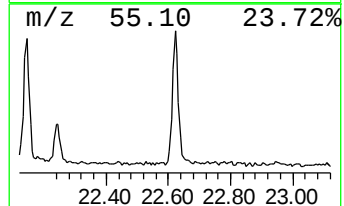
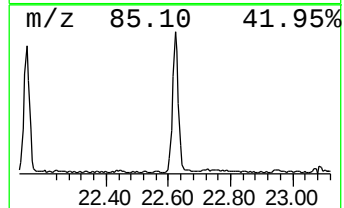
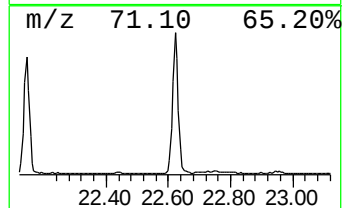
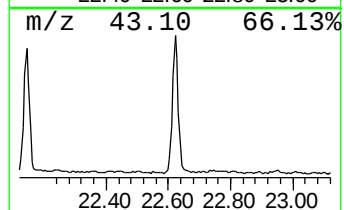
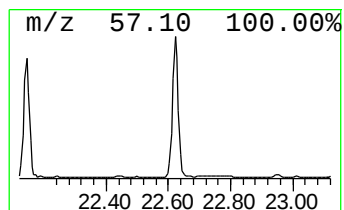
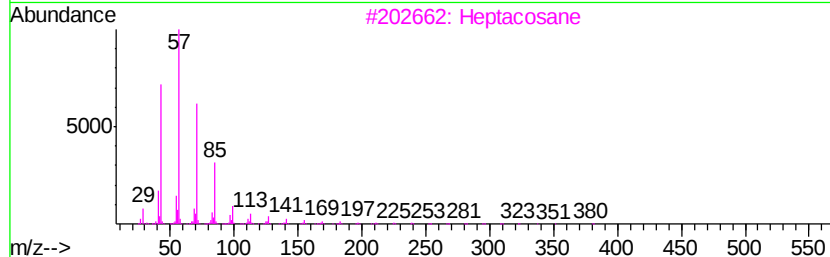
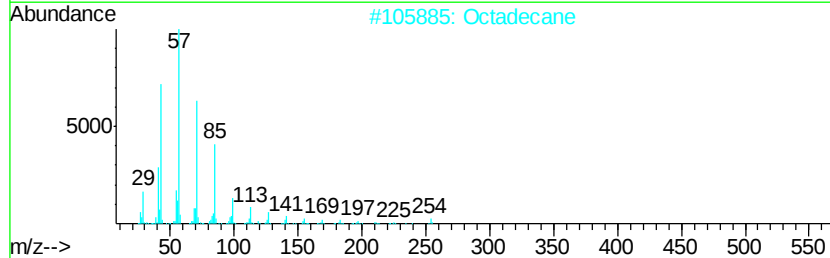
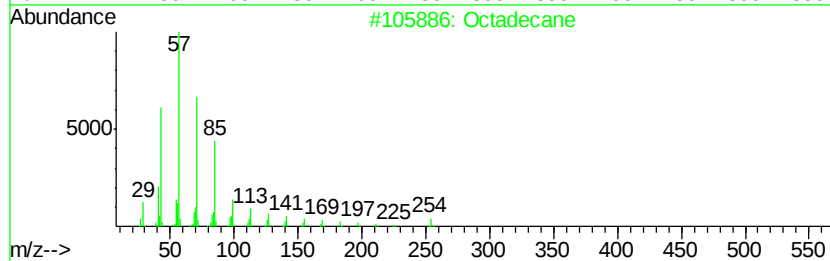
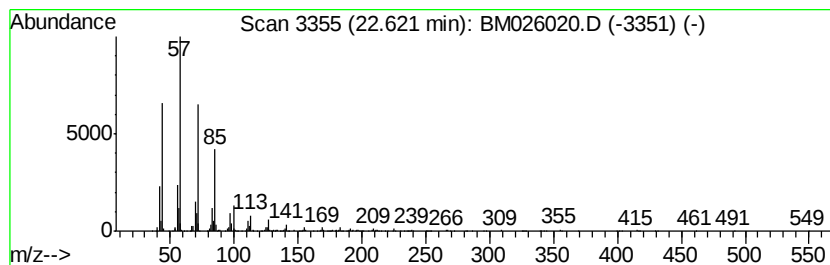
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.62	4.26 ng/ul	512931	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Octadecane	254	C18H38	000593-45-3	95
3			Heptacosane	380	C27H56	000593-49-7	91
4			Octacosane	394	C28H58	000630-02-4	91
5			Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
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Sample : L2681-04
Misc :
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Instrument :
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ClientSampleId :
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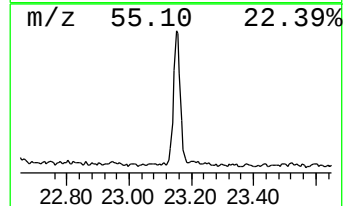
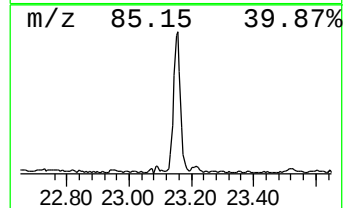
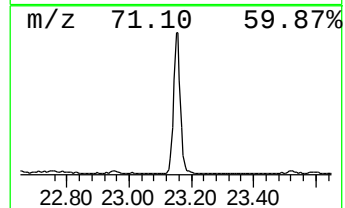
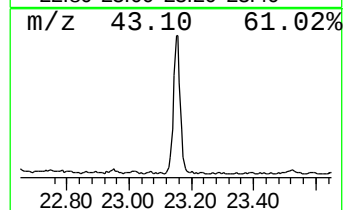
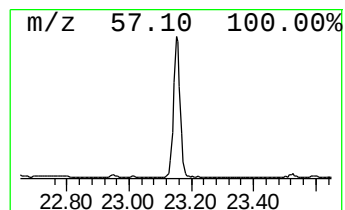
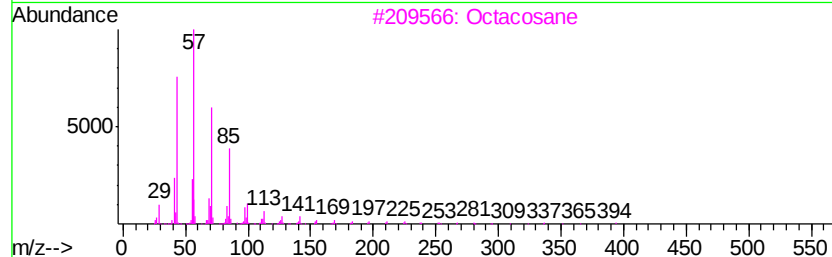
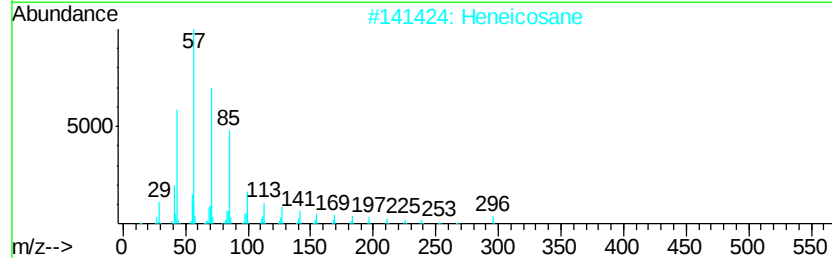
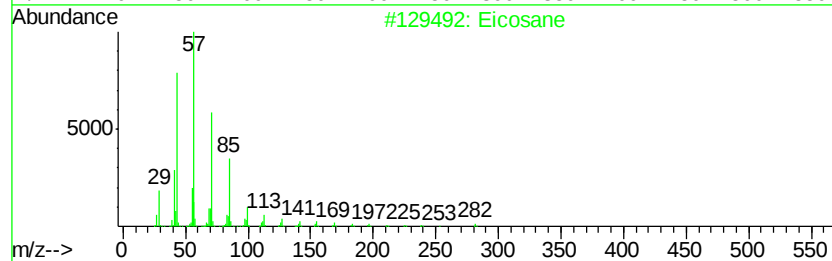
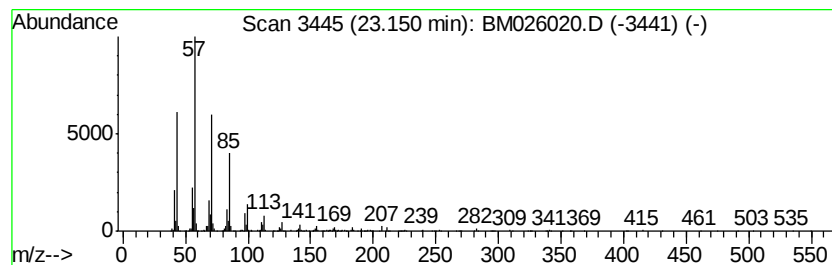
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	5.17 ng/ul	622722	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Heneicosane	296	C21H44	000629-94-7	96
3		Octacosane	394	C28H58	000630-02-4	90
4		Eicosane	282	C20H42	000112-95-8	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
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Sample : L2681-04
Misc :
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Instrument :
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ClientSampleId :
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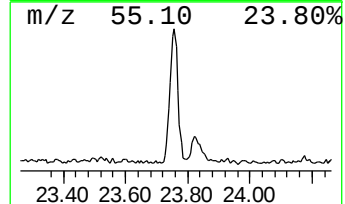
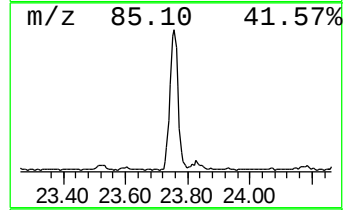
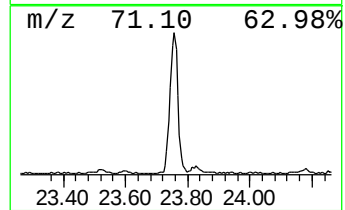
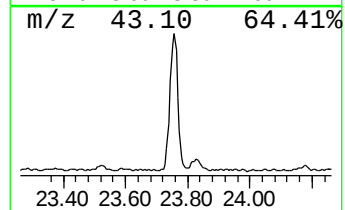
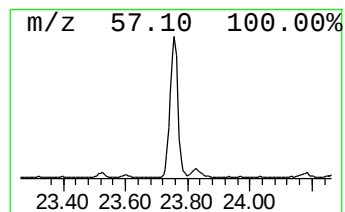
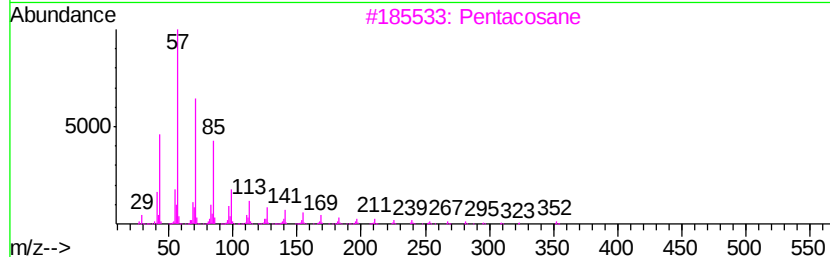
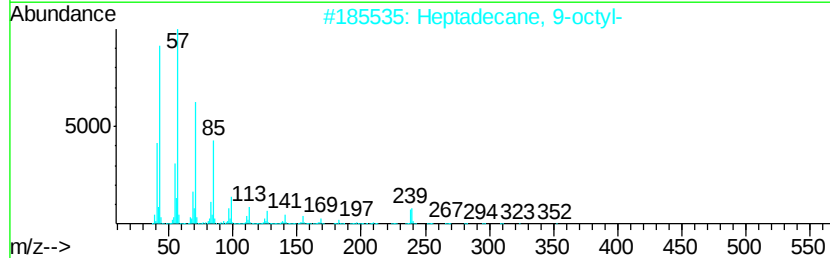
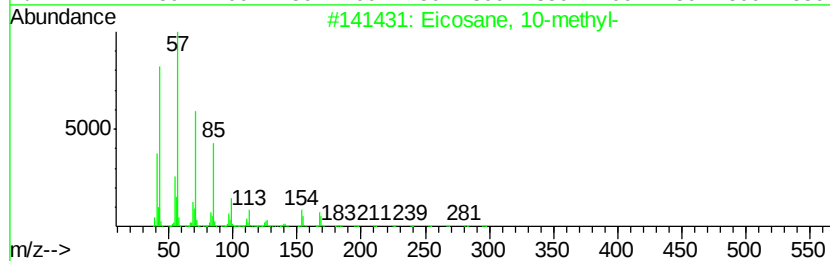
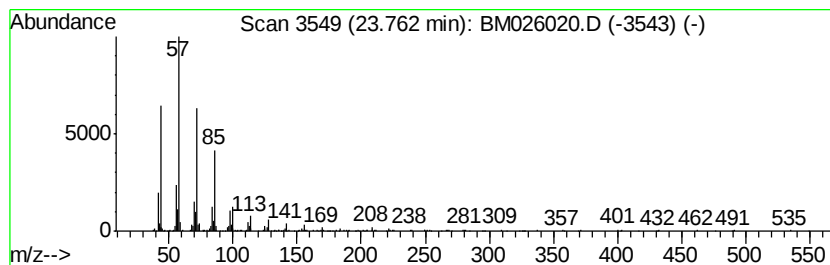
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.09 ng/ul	492740	Perylene-d12	23.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3		Pentacosane	352	C25H52	000629-99-2	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
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Acq On : 19 May 2020 14:48
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Sample : L2681-04
Misc :
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ClientSampleId :
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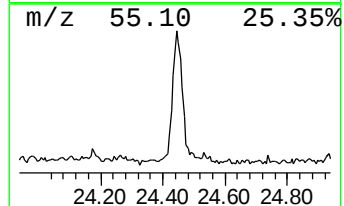
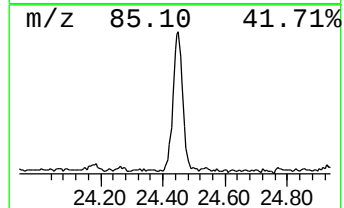
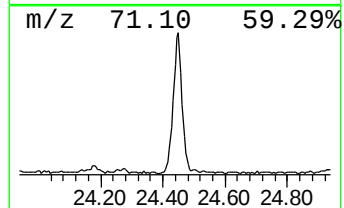
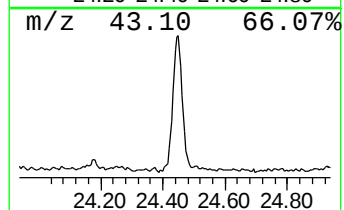
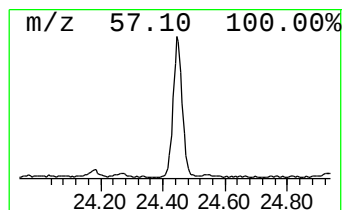
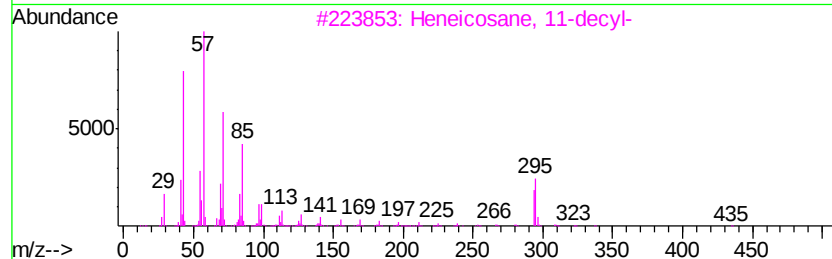
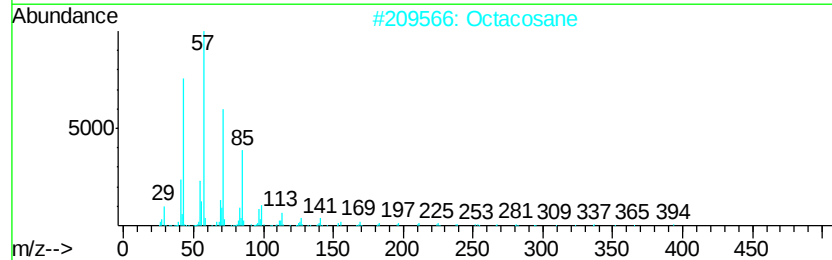
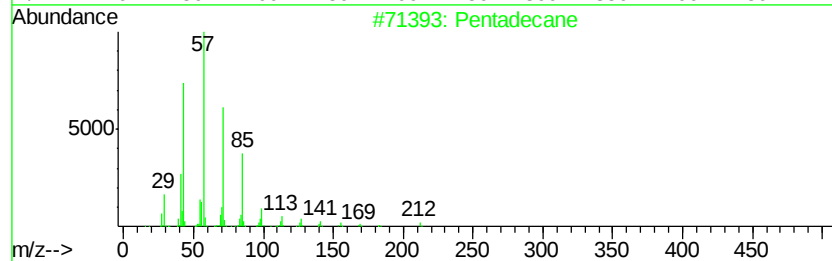
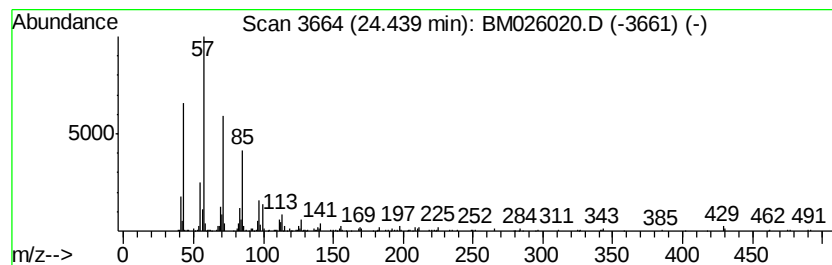
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.44	3.07 ng/ul	369599	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
4			Tetratetracontane	619	C44H90	007098-22-8	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051920\
Data File : BM026020.D
Acq On : 19 May 2020 14:48
Operator : MA/SJ
Sample : L2681-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CA6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.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
Toluene	3.78	10.7	ng/ul	555535	1	7.50	1037660	20.0
1-Hexanol, 2-ethyl-	7.58	6.6	ng/ul	341209	1	7.50	1037660	20.0
n-Hexadecanoic acid	17.82	2.4	ng/ul	241100	4	16.89	2053980	20.0
(DEL) Alkane: Str...	20.84	2.1	ng/ul	283999	5	21.09	2662370	20.0
(DEL) Alkane: Str...	21.70	2.0	ng/ul	271468	5	21.09	2662370	20.0
(DEL) Alkane: Str...	22.14	3.1	ng/ul	408250	5	21.09	2662370	20.0
(DEL) Alkane: Str...	22.62	4.3	ng/ul	512931	6	23.22	2409660	20.0
(DEL) Alkane: Str...	23.15	5.2	ng/ul	622722	6	23.22	2409660	20.0
(DEL) Alkane: Str...	23.76	4.1	ng/ul	492740	6	23.22	2409660	20.0
(DEL) Alkane: Str...	24.44	3.1	ng/ul	369599	6	23.22	2409660	20.0