

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024265.D
 Acq On : 24 Dec 2019 21:25
 Operator : JU
 Sample : K6240-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFR94

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-BM121719MA.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	2.993	15	18	30	rVB	98270	153381	2.31%	0.195%
2	3.693	135	137	142	rVB2	22425	21174	0.32%	0.027%
3	4.475	268	270	274	rBV5	4360	7696	0.12%	0.010%
4	6.310	578	582	589	rBV9	8363	16573	0.25%	0.021%
5	6.634	632	637	654	rBV	280665	551137	8.32%	0.700%
6	6.787	656	663	680	rBV	949685	1637138	24.71%	2.078%
7	6.969	687	694	714	rVB	1138276	1898461	28.65%	2.410%
8	7.169	724	728	737	rVB10	9565	17142	0.26%	0.022%
9	7.428	766	772	783	rBV	1181313	1901604	28.70%	2.414%
10	7.981	862	866	873	rVB6	8888	14530	0.22%	0.018%
11	8.157	889	896	911	rBV	852788	1488492	22.46%	1.890%
12	8.533	955	960	962	rBV4	4844	6906	0.10%	0.009%
13	8.586	962	969	982	rVV	1225180	2094888	31.62%	2.659%
14	8.863	1011	1016	1017	rBV5	5711	6917	0.10%	0.009%
15	8.922	1021	1026	1034	rVB4	50324	114580	1.73%	0.145%
16	9.016	1037	1042	1048	rBV2	79543	120268	1.82%	0.153%
17	9.239	1075	1080	1084	rBV7	8639	13821	0.21%	0.018%
18	9.298	1084	1090	1104	rVV	1018683	1750677	26.42%	2.223%
19	9.839	1175	1182	1204	rBV	1426487	2700719	40.76%	3.429%
20	10.198	1231	1243	1260	rBV	1664891	2684771	40.52%	3.408%
21	10.374	1266	1273	1281	rBV2	44255	101957	1.54%	0.129%
22	10.733	1332	1334	1340	rVB5	8528	13655	0.21%	0.017%
23	10.974	1371	1375	1384	rVB	13851	27504	0.42%	0.035%
24	11.051	1384	1388	1397	rBV10	6026	15581	0.24%	0.020%
25	11.204	1409	1414	1416	rBV6	6531	11184	0.17%	0.014%
26	11.721	1497	1502	1504	rBV4	9678	13996	0.21%	0.018%
27	11.810	1512	1517	1522	rBV2	22122	37160	0.56%	0.047%
28	11.980	1541	1546	1553	rVB2	61854	94577	1.43%	0.120%
29	12.069	1557	1561	1563	rBV5	6294	8162	0.12%	0.010%
30	12.463	1621	1628	1635	rBV	120726	193484	2.92%	0.246%
31	12.616	1650	1654	1658	rBV7	11683	14288	0.22%	0.018%
32	12.692	1664	1667	1672	rVB6	6352	12712	0.19%	0.016%
33	12.921	1703	1706	1709	rBV5	5529	7911	0.12%	0.010%
34	13.010	1716	1721	1725	rVB6	16487	25764	0.39%	0.033%

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35	13.063	1725	1730	1732	rBV6	5337	7696	0.12%	0.010%
36	13.151	1740	1745	1747	rBV5	9984	13702	0.21%	0.017%
37	13.392	1780	1786	1791	rBV3	16326	30846	0.47%	0.039%
38	13.457	1794	1797	1801	rVV5	5351	7007	0.11%	0.009%
39	13.521	1801	1808	1813	rBV	2830808	3907071	58.97%	4.960%
40	13.568	1813	1816	1825	rVB	92211	138770	2.09%	0.176%
41	13.786	1845	1853	1862	rBV	3290090	4985300	75.24%	6.329%
42	13.945	1876	1880	1885	rBV6	9728	18079	0.27%	0.023%
43	14.021	1889	1893	1896	rVB6	6556	10427	0.16%	0.013%
44	14.098	1899	1906	1912	rBV	2243194	3376290	50.96%	4.286%
45	14.157	1912	1916	1924	rVB	169096	256734	3.87%	0.326%
46	14.262	1928	1934	1937	rBV3	23664	39610	0.60%	0.050%
47	14.304	1937	1941	1946	rVB	107462	145401	2.19%	0.185%
48	14.368	1946	1952	1961	rBV5	108823	313153	4.73%	0.398%
49	14.510	1971	1976	1982	rBV2	84978	143725	2.17%	0.182%
50	14.557	1982	1984	1990	rVB6	16154	21932	0.33%	0.028%
51	14.715	2006	2011	2019	rBV	79181	130860	1.97%	0.166%
52	14.880	2030	2039	2048	rVB	2895180	4038698	60.95%	5.127%
53	15.057	2063	2069	2072	rBV	1183035	1631098	24.62%	2.071%
54	15.098	2072	2076	2084	rVB	4064944	5775524	87.16%	7.332%
55	15.257	2098	2103	2113	rBV	636098	927888	14.00%	1.178%
56	15.339	2113	2117	2118	rBV	49275	57197	0.86%	0.073%
57	15.427	2130	2132	2134	rBV2	9888	11224	0.17%	0.014%
58	15.462	2134	2138	2146	rVB4	51842	106541	1.61%	0.135%
59	15.545	2148	2152	2161	rVB3	38530	65928	0.99%	0.084%
60	15.633	2163	2167	2170	rBV6	16364	24605	0.37%	0.031%
61	15.804	2191	2196	2199	rBV6	10486	17181	0.26%	0.022%
62	15.845	2201	2203	2205	rBV3	12227	12766	0.19%	0.016%
63	15.892	2208	2211	2213	rVV4	15265	21054	0.32%	0.027%
64	15.927	2213	2217	2222	rVB2	52353	78084	1.18%	0.099%
65	16.151	2251	2255	2259	rVB5	12748	20083	0.30%	0.025%
66	16.204	2261	2264	2269	rVV7	12137	16402	0.25%	0.021%
67	16.433	2299	2303	2306	rBV6	7637	13327	0.20%	0.017%
68	16.486	2308	2312	2316	rBV5	22984	36915	0.56%	0.047%
69	16.592	2325	2330	2333	rBV7	32675	52616	0.79%	0.067%
70	16.809	2363	2367	2368	rBV4	12655	18061	0.27%	0.023%
71	16.856	2368	2375	2385	rVV	2538833	3621469	54.66%	4.597%

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72	16.951	2385	2391	2403	rVV2	4058890	5897699	89.01%	7.487%
73	17.780	2527	2532	2541	rBV	442124	714804	10.79%	0.907%
74	17.915	2551	2555	2562	rVB2	228977	302771	4.57%	0.384%
75	18.286	2615	2618	2623	rVB2	57779	61728	0.93%	0.078%
76	18.386	2631	2635	2641	rBV	221519	282937	4.27%	0.359%
77	18.897	2719	2722	2725	rBV	38032	46353	0.70%	0.059%
78	19.080	2749	2753	2761	rBV	207934	373695	5.64%	0.474%
79	19.262	2778	2784	2790	rBV	4817238	6400725	96.60%	8.126%
80	20.809	3043	3047	3053	rBV	923353	1202838	18.15%	1.527%
81	21.068	3087	3091	3099	rBV	2794858	3607789	54.45%	4.580%
82	22.103	3265	3267	3273	rVB	489726	555821	8.39%	0.706%
83	22.585	3345	3349	3353	rVB	550307	761377	11.49%	0.967%
84	23.068	3425	3431	3436	rBV	3891461	6625967	100.00%	8.412%
85	23.197	3448	3453	3464	rVB	2325441	4063850	61.33%	5.159%

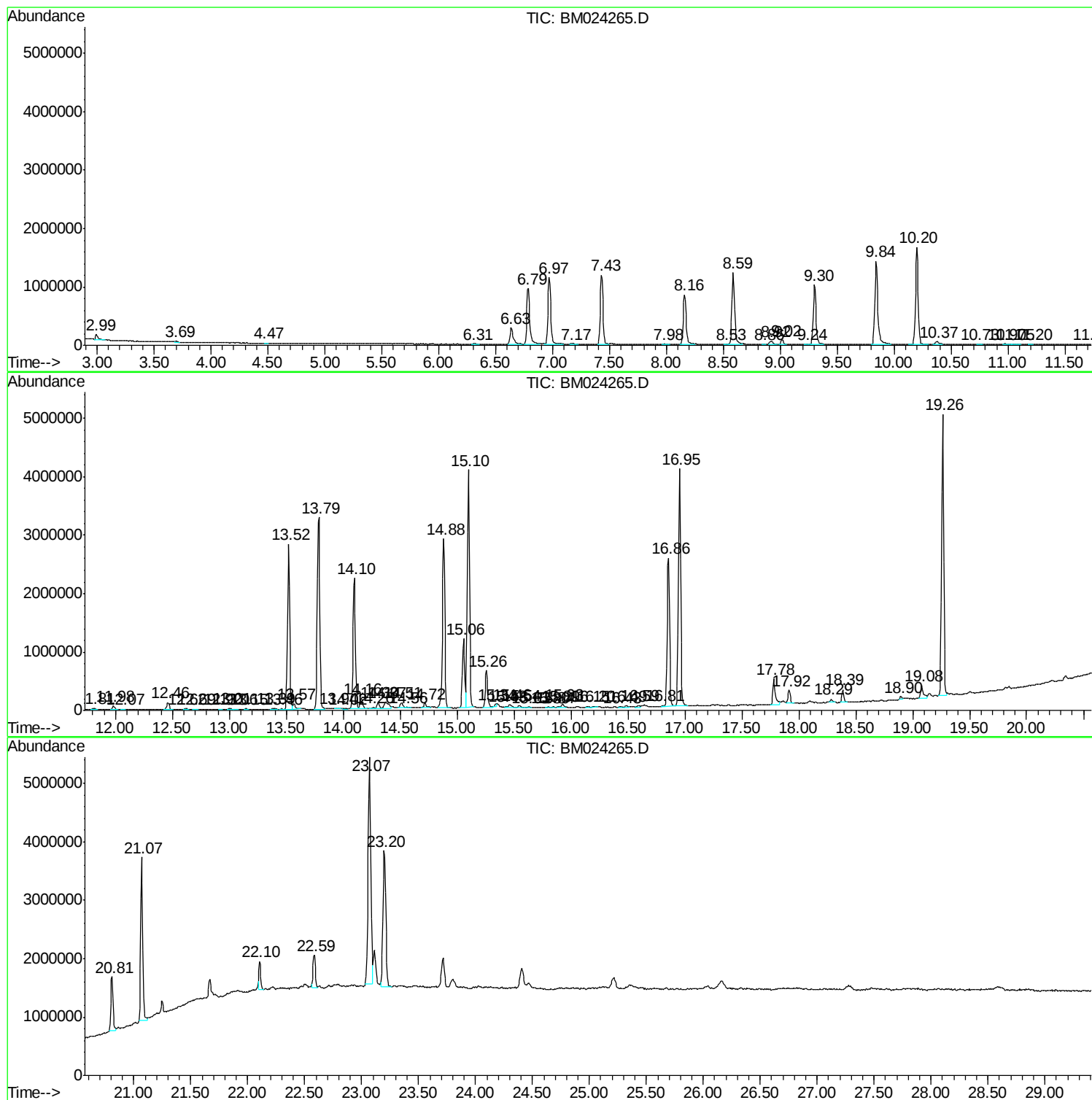
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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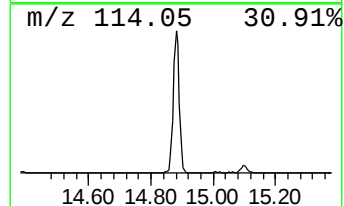
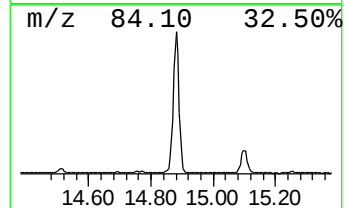
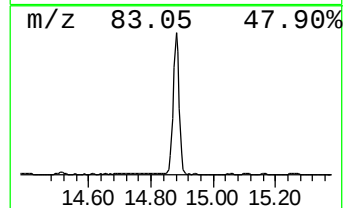
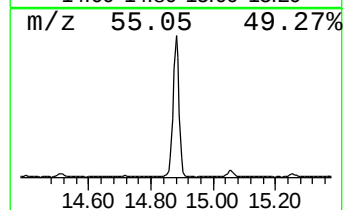
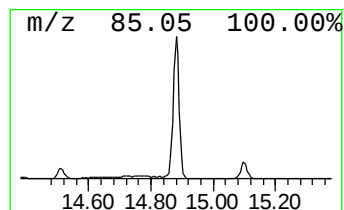
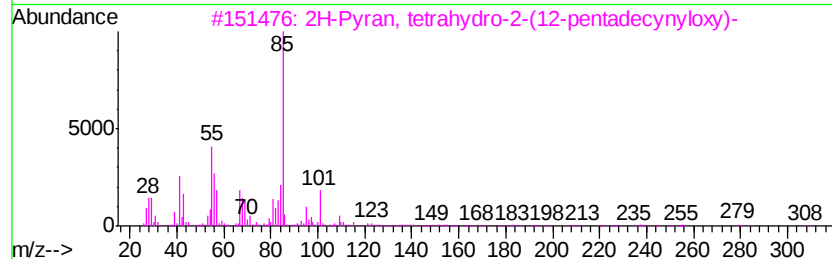
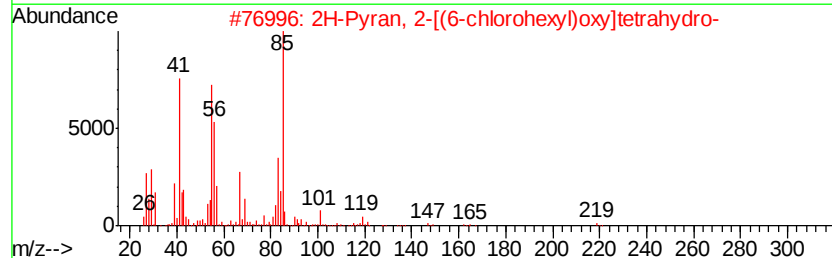
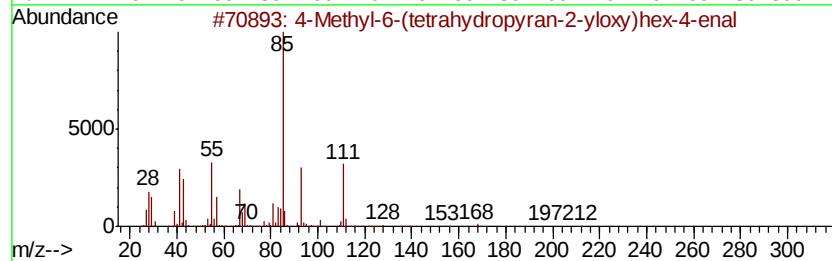
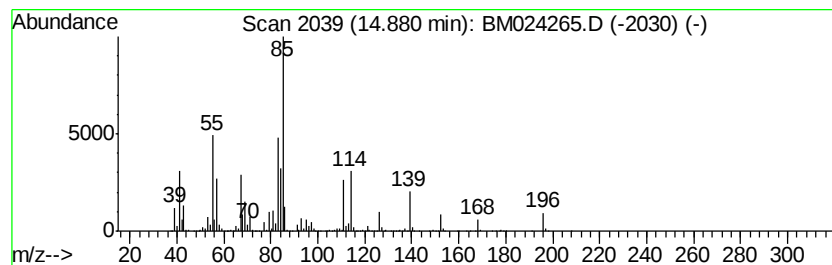
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	23.92 ng/ul	4038700	Acenaphthene-d10	14.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	4-Methyl-6-(tetrahydropyran-2-yl...	212 C12H20O3	064218-01-5	38
2	2H-Pyran, 2-[(6-chlorohexyl)oxy]...	220 C11H21ClO2	002009-84-9	38
3	2H-Pyran, tetrahydro-2-(12-penta...	308 C20H36O2	056666-38-7	37
4	3-Methoxy-2-methyl-1-pentene	114 C7H14O	108811-45-6	35
5	5,6-Epoxyhexanol-1	116 C6H12O2	021915-57-1	35



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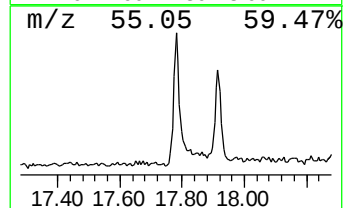
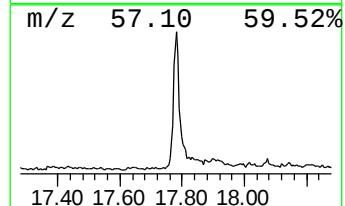
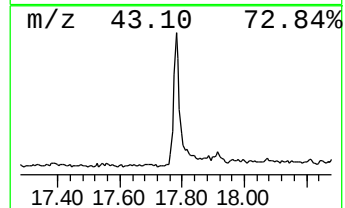
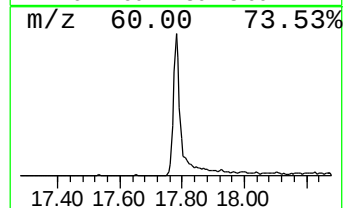
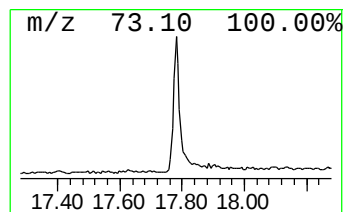
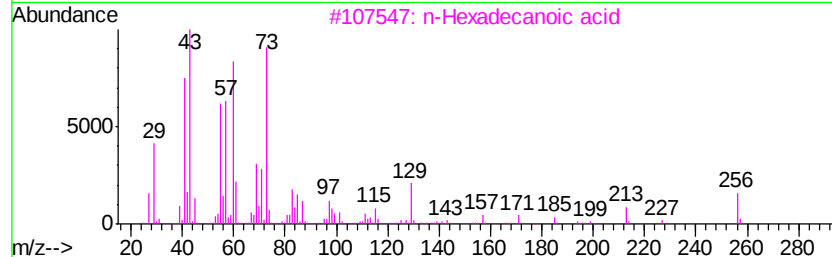
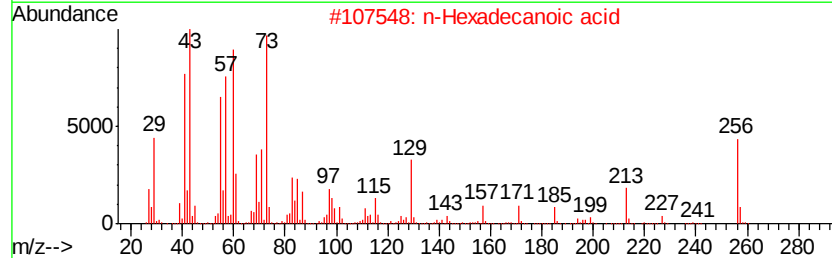
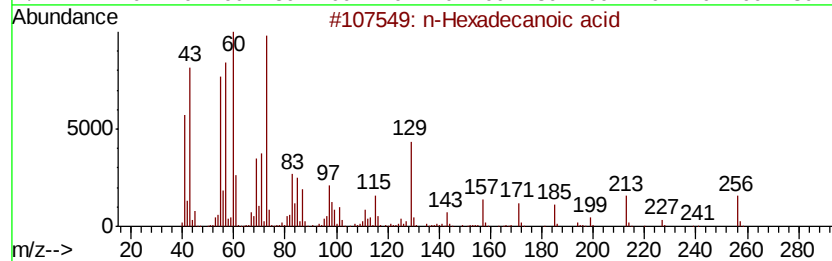
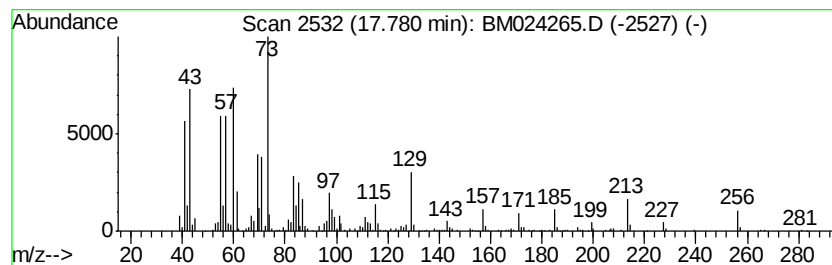
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	3.95 ng/ul	714804	Phenanthrene-d10	16.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72	



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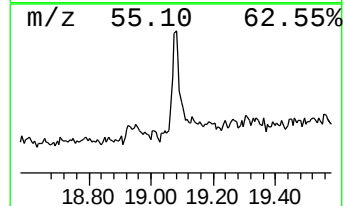
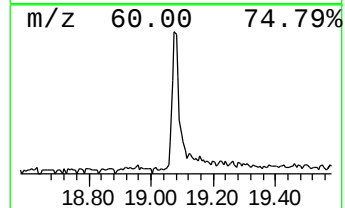
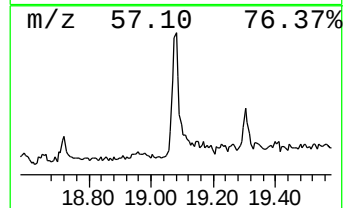
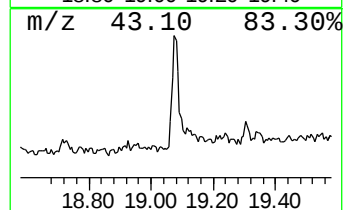
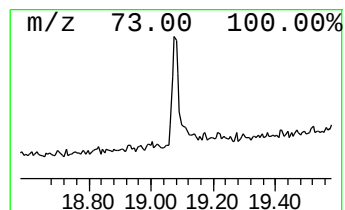
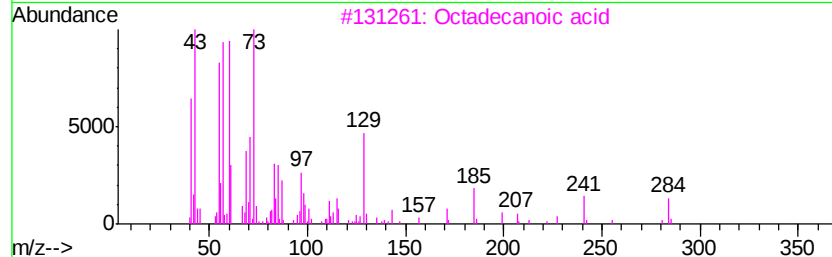
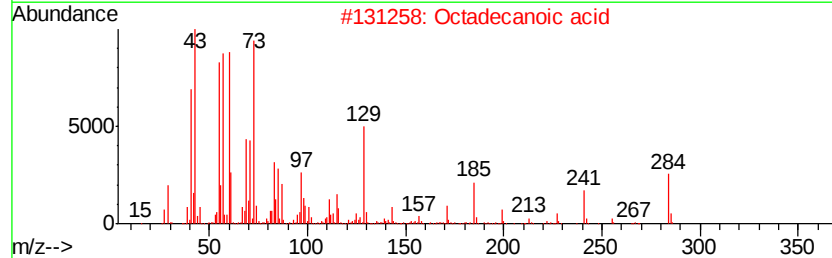
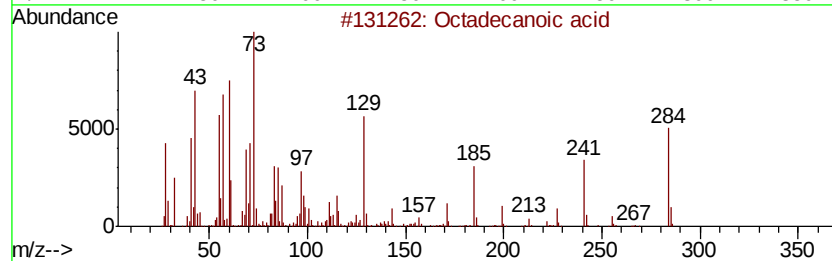
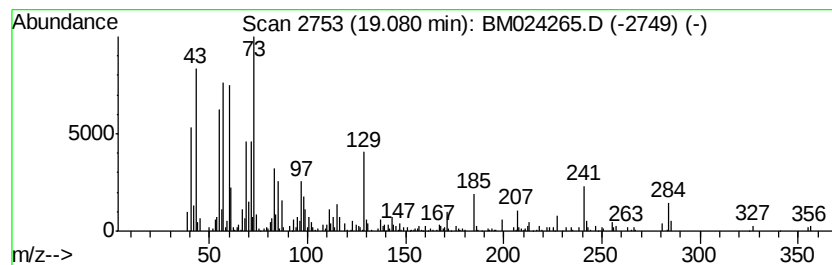
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.07 ng/ul	373695	Chrysene-d12	21.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	93	



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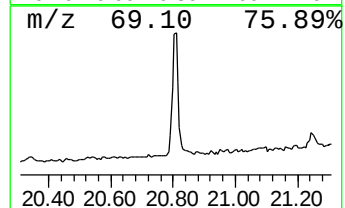
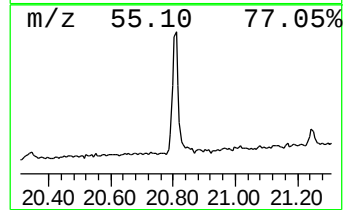
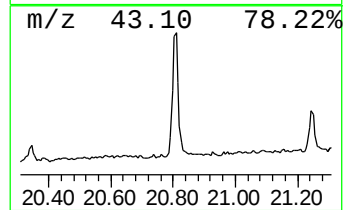
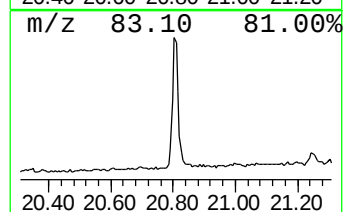
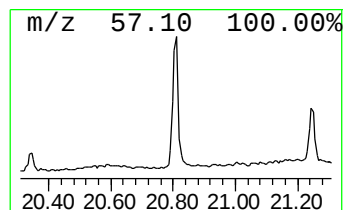
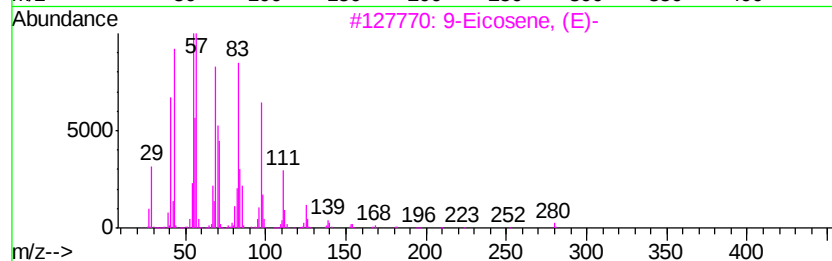
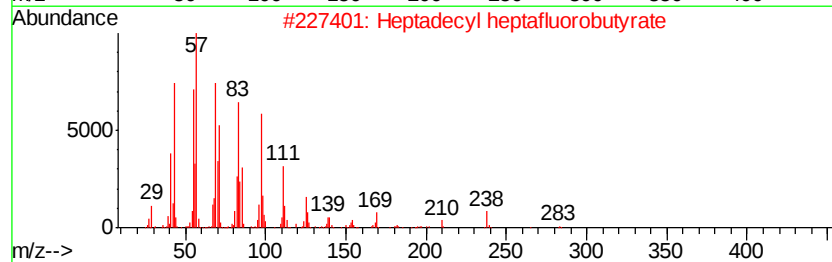
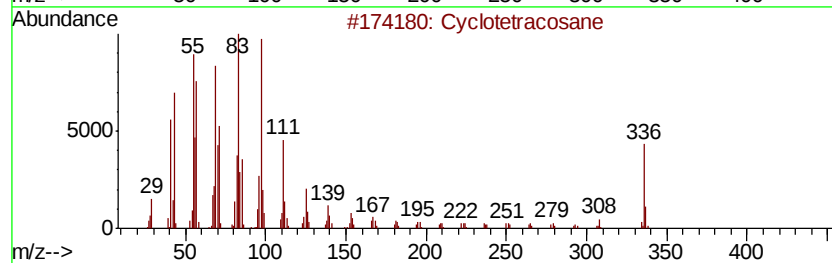
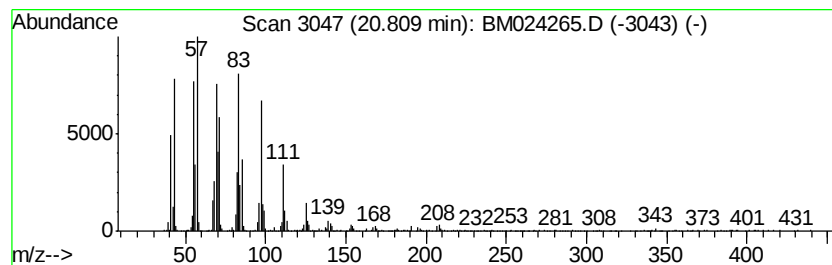
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic20.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	6.67 ng/ul	1202840	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	94
2		Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3		9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024265.D
Acq On : 24 Dec 2019 21:25
Operator : JU
Sample : K6240-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFR94

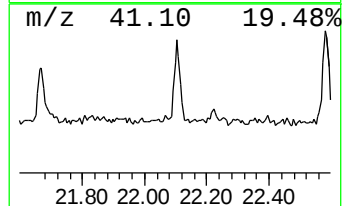
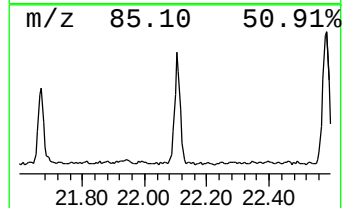
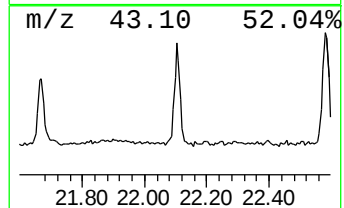
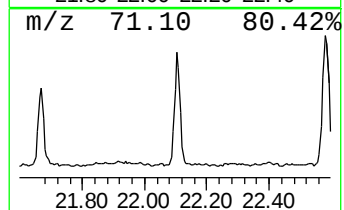
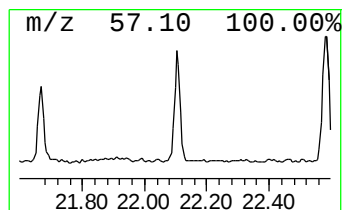
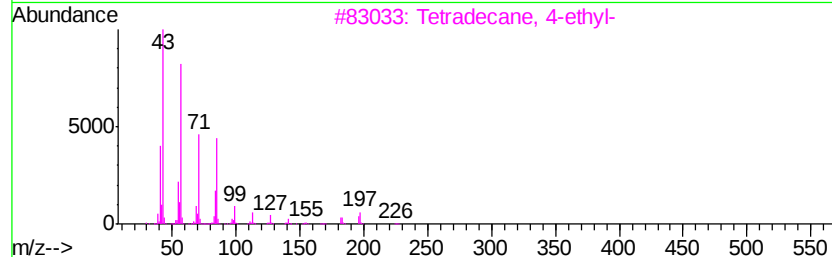
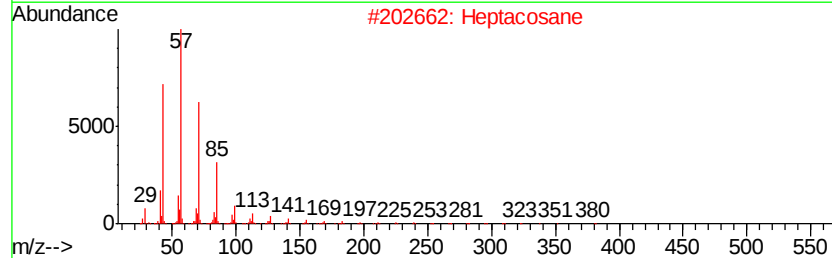
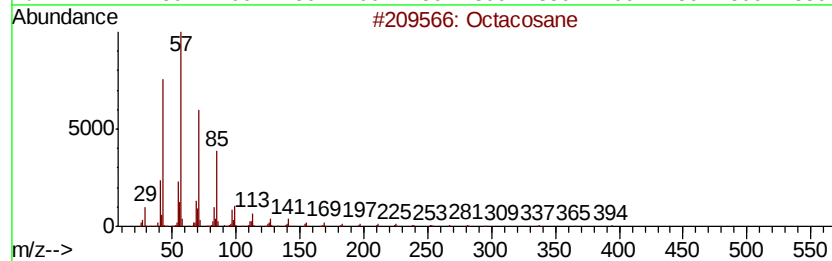
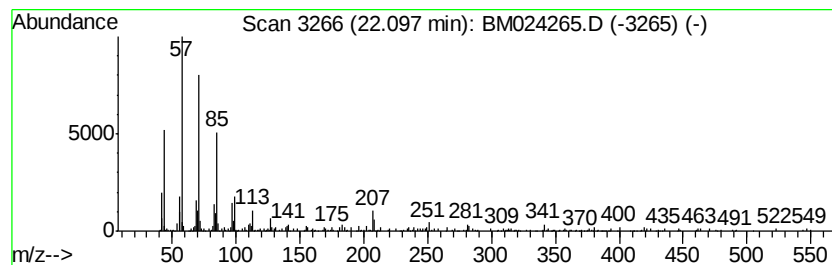
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	3.08 ng/ul	555821	Chrysene-d12	21.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Heptacosane	380	C27H56	000593-49-7	87
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024265.D
Acq On : 24 Dec 2019 21:25
Operator : JU
Sample : K6240-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFR94

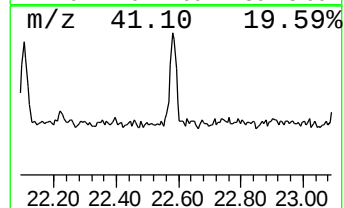
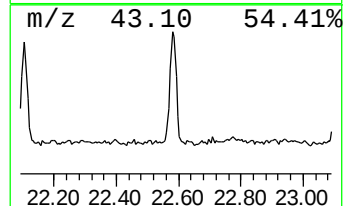
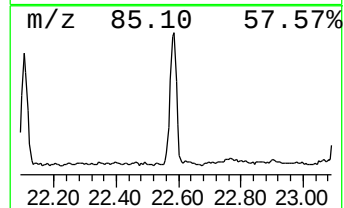
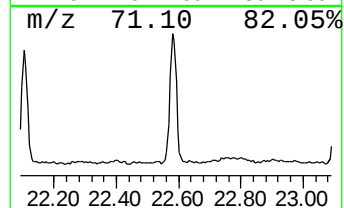
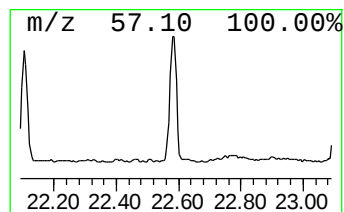
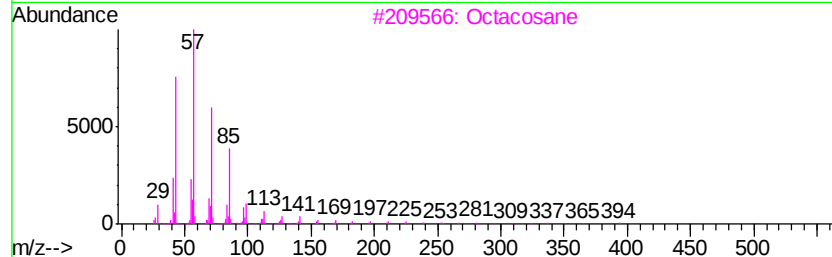
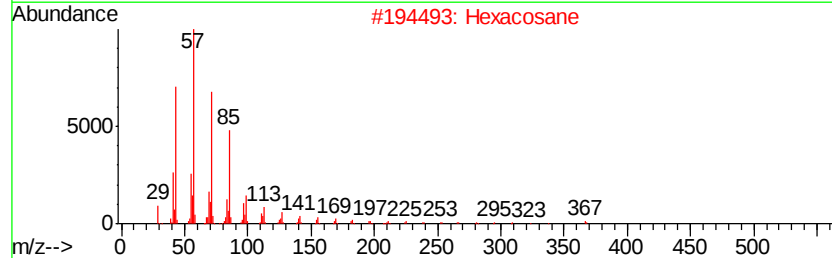
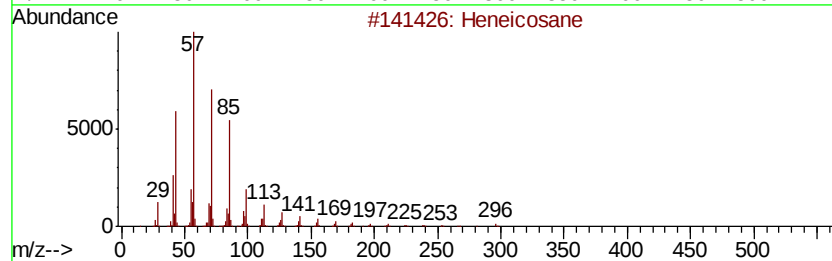
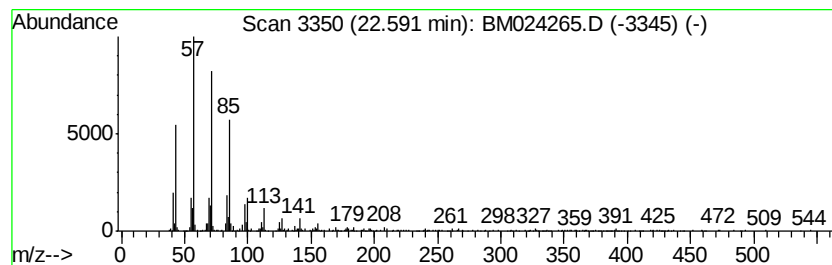
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	3.75 ng/ul	761377	Perylene-d12	23.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Octacosane	394	C28H58	000630-02-4	87
4			2-methyloctacosane	408	C29H60	1000376-72-8	87
5			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122319\
Data File : BM024265.D
Acq On : 24 Dec 2019 21:25
Operator : JU
Sample : K6240-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFR94

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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
unknown-01	14.88	23.9	ng/ul	4038700	3	14.10	3376290	20.0
n-Hexadecanoic acid	17.78	4.0	ng/ul	714804	4	16.86	3621470	20.0
Octadecanoic acid	19.08	2.1	ng/ul	373695	5	21.07	3607790	20.0
(DEL) Alkane: Cyc...	20.81	6.7	ng/ul	1202840	5	21.07	3607790	20.0
(DEL) Alkane: Str...	22.10	3.1	ng/ul	555821	5	21.07	3607790	20.0
(DEL) Alkane: Str...	22.59	3.8	ng/ul	761377	6	23.20	4063850	20.0