

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025788.D
 Acq On : 26 Mar 2020 03:18
 Operator : CG/JU
 Sample : L1941-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DC6

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-BM031420MA.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	3.146	41	44	50	rVB2	11494	17748	0.29%	0.032%
2	3.851	159	164	168	rVB3	9349	14693	0.24%	0.027%
3	5.157	383	386	391	rVB4	5776	8968	0.15%	0.016%
4	5.645	464	469	476	rBV2	61027	100282	1.67%	0.181%
5	6.751	651	657	667	rVB	179960	289016	4.80%	0.523%
6	6.910	678	684	691	rBV	588285	904413	15.03%	1.635%
7	7.104	710	717	724	rBV	691227	1043363	17.34%	1.887%
8	7.569	789	796	803	rBV	760416	1184979	19.69%	2.143%
9	7.645	805	809	818	rVB	71545	101948	1.69%	0.184%
10	7.916	850	855	860	rVB5	10123	15575	0.26%	0.028%
11	8.275	909	916	927	rVV	517929	804760	13.37%	1.455%
12	8.381	927	934	940	rVB2	15413	28557	0.47%	0.052%
13	8.657	976	981	984	rBV2	37119	57141	0.95%	0.103%
14	8.710	984	990	996	rVB	762195	1217177	20.22%	2.201%
15	8.892	1017	1021	1026	rBV5	16228	24389	0.41%	0.044%
16	9.186	1066	1071	1075	rVB	40448	54475	0.91%	0.098%
17	9.422	1104	1111	1121	rBV	607564	1001082	16.63%	1.810%
18	9.498	1121	1124	1126	rVB3	6621	6462	0.11%	0.012%
19	9.622	1139	1145	1151	rBV2	16154	37684	0.63%	0.068%
20	9.869	1182	1187	1193	rBV	17083	30077	0.50%	0.054%
21	9.957	1196	1202	1212	rBV	960695	1560601	25.93%	2.822%
22	10.122	1227	1230	1236	rBV6	8151	11674	0.19%	0.021%
23	10.251	1247	1252	1258	rVV2	14005	26564	0.44%	0.048%
24	10.333	1258	1266	1273	rVV	1031303	1677293	27.87%	3.033%
25	10.404	1275	1278	1282	rVB5	8209	10703	0.18%	0.019%
26	10.475	1282	1290	1298	rBV	37868	69343	1.15%	0.125%
27	10.763	1336	1339	1346	rVB6	4910	7964	0.13%	0.014%
28	10.980	1373	1376	1383	rVB4	3955	6836	0.11%	0.012%
29	11.145	1400	1404	1413	rBV7	5064	11183	0.19%	0.020%
30	11.522	1460	1468	1470	rVB7	3994	6761	0.11%	0.012%
31	11.627	1479	1486	1490	rBV	66965	110160	1.83%	0.199%
32	11.675	1490	1494	1498	rVB	28184	41377	0.69%	0.075%
33	11.869	1523	1527	1531	rVB3	4183	6606	0.11%	0.012%
34	11.927	1533	1537	1542	rVB3	17152	25119	0.42%	0.045%

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35	12.563	1639	1645	1650	rVB3	20673	31722	0.53%	0.057%
36	12.822	1684	1689	1695	rBV	41785	59720	0.99%	0.108%
37	13.051	1725	1728	1733	rVB5	10288	13346	0.22%	0.024%
38	13.121	1736	1740	1745	rBV2	58438	88668	1.47%	0.160%
39	13.221	1754	1757	1761	rBV5	3644	6164	0.10%	0.011%
40	13.621	1819	1825	1830	rBV	1932377	2618477	43.51%	4.735%
41	13.669	1830	1833	1841	rVV	140054	195098	3.24%	0.353%
42	13.892	1865	1871	1881	rBV	2271915	3129372	52.00%	5.658%
43	14.139	1908	1913	1918	rVV2	6289	9922	0.16%	0.018%
44	14.204	1918	1924	1935	rVV2	1593436	2336851	38.83%	4.225%
45	14.304	1935	1941	1945	rVB	36387	49788	0.83%	0.090%
46	14.410	1951	1959	1969	rBV	146408	234388	3.89%	0.424%
47	14.898	2036	2042	2049	rBV	23305	42024	0.70%	0.076%
48	15.039	2062	2066	2072	rVB3	21623	29511	0.49%	0.053%
49	15.204	2087	2094	2100	rBV	2974176	4050152	67.30%	7.323%
50	15.257	2100	2103	2108	rVB5	5744	8302	0.14%	0.015%
51	15.327	2109	2115	2122	rBV	860869	1138963	18.92%	2.059%
52	15.439	2130	2134	2141	rVB	31529	44148	0.73%	0.080%
53	15.574	2152	2157	2158	rBV4	5339	6745	0.11%	0.012%
54	15.992	2224	2228	2233	rVB4	10895	16522	0.27%	0.030%
55	16.562	2322	2325	2331	rVV4	6943	8570	0.14%	0.015%
56	16.745	2352	2356	2358	rVB3	6170	8104	0.13%	0.015%
57	16.951	2384	2391	2398	rVV	1998684	2711040	45.05%	4.902%
58	17.051	2402	2408	2418	rBV	3430231	4561911	75.80%	8.249%
59	17.262	2440	2444	2447	rVB2	11040	13621	0.23%	0.025%
60	17.639	2502	2508	2513	rBV	609836	702894	11.68%	1.271%
61	17.874	2543	2548	2555	rBV3	41536	61465	1.02%	0.111%
62	17.939	2555	2559	2564	rVB	10405	15603	0.26%	0.028%
63	18.115	2587	2589	2592	rBV3	5707	6247	0.10%	0.011%
64	18.315	2617	2623	2625	rBV6	4410	6579	0.11%	0.012%
65	18.980	2733	2736	2740	rBV	30392	39471	0.66%	0.071%
66	19.162	2763	2767	2772	rBV7	17004	26374	0.44%	0.048%
67	19.233	2775	2779	2783	rVB	26050	34160	0.57%	0.062%
68	19.350	2792	2799	2806	rBV	3964156	5276691	87.68%	9.541%
69	19.403	2806	2808	2811	rVV2	11717	12151	0.20%	0.022%
70	19.433	2811	2813	2818	rVB5	7071	10601	0.18%	0.019%
71	19.933	2896	2898	2901	rBV3	15711	17604	0.29%	0.032%

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72	20.433	2980	2983	2987	rVB2	30554	25525	0.42%	0.046%
73	20.886	3056	3060	3066	rBV2	145565	242327	4.03%	0.438%
74	21.144	3099	3104	3110	rBV	2703362	3263819	54.23%	5.901%
75	21.333	3132	3136	3144	rBV	176844	196917	3.27%	0.356%
76	21.756	3204	3208	3213	rBV	284172	322640	5.36%	0.583%
77	22.197	3279	3283	3290	rVB	398443	517381	8.60%	0.935%
78	22.686	3361	3366	3372	rVB	490404	653464	10.86%	1.182%
79	23.156	3439	3446	3453	rBV	3457704	6018396	100.00%	10.882%
80	23.227	3453	3458	3463	rVV	526678	830470	13.80%	1.502%
81	23.291	3463	3469	3480	rVB	2031330	3539473	58.81%	6.400%
82	23.838	3557	3562	3569	rVB	393588	683006	11.35%	1.235%
83	24.544	3676	3682	3690	rVB2	270391	559939	9.30%	1.012%
84	25.362	3817	3821	3833	rVB3	135748	314249	5.22%	0.568%

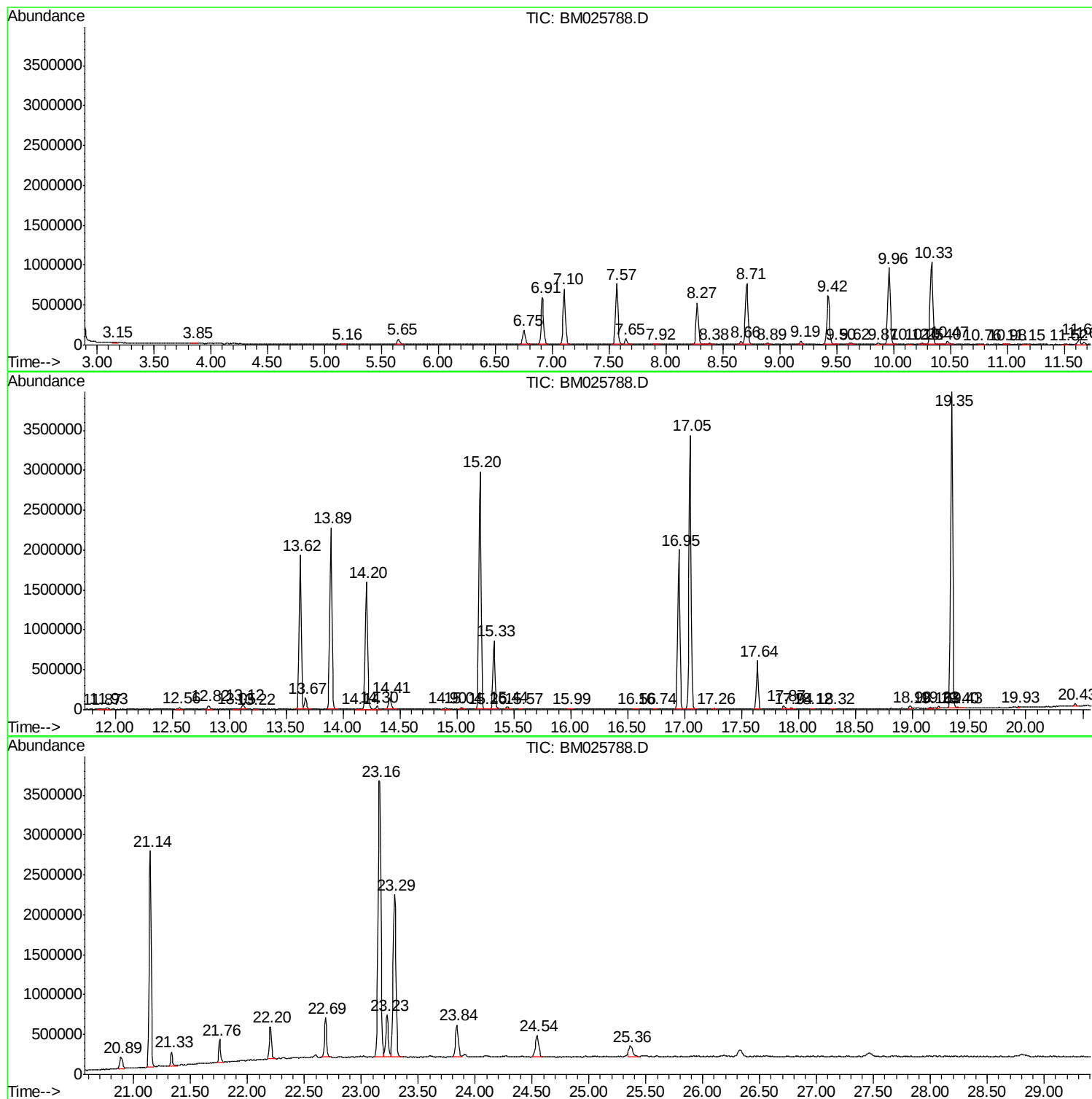
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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



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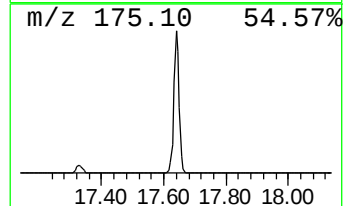
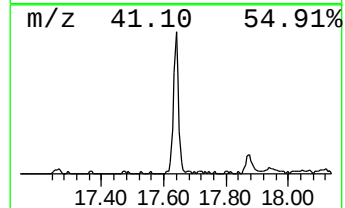
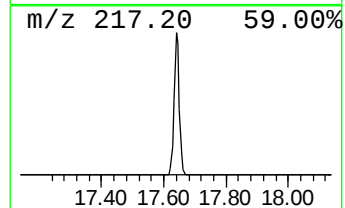
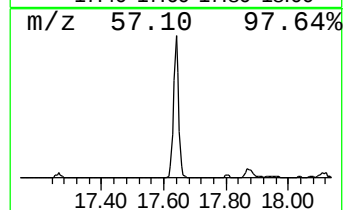
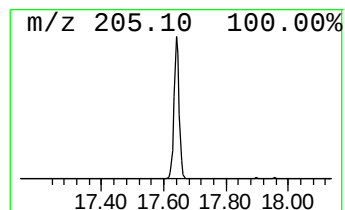
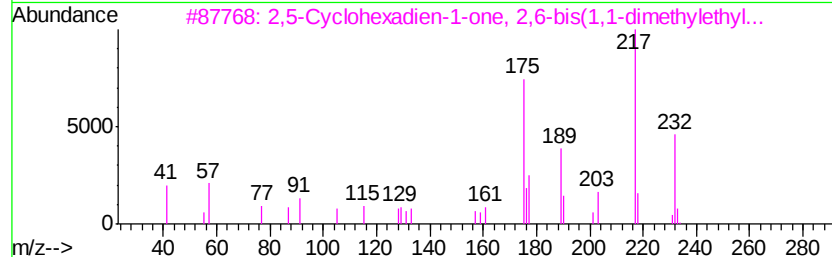
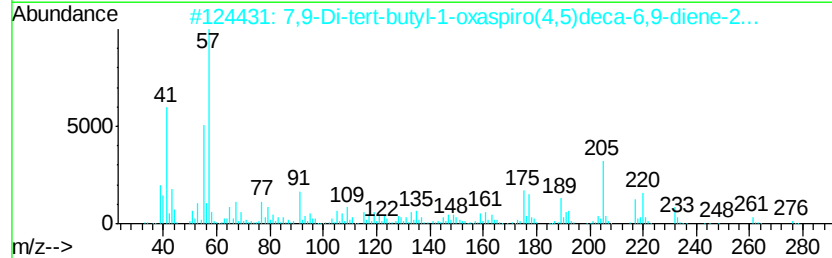
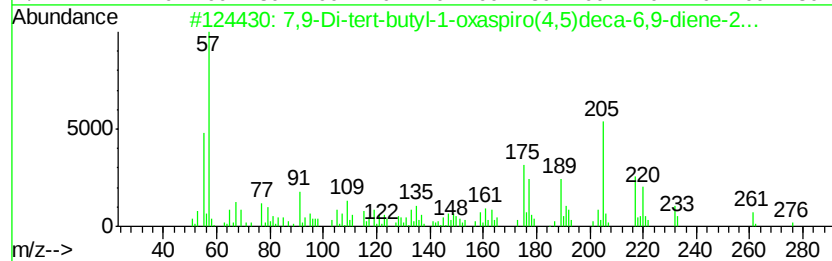
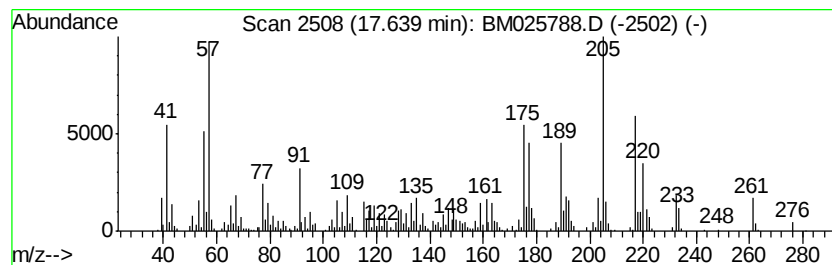
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.64	5.19 ng/ul	702894	Phenanthrene-d10	16.95	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	97
3	2,5-Cyclohexadien-1-one, 2,6-bis(1,1-dimethylethyl)-	232	C16H24O	006738-27-8	93
4	Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromene-2-yl)-	220	C14H20O2	071596-88-8	50
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44



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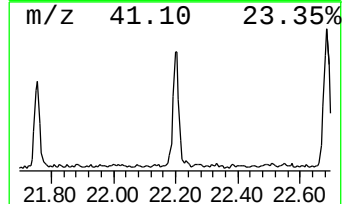
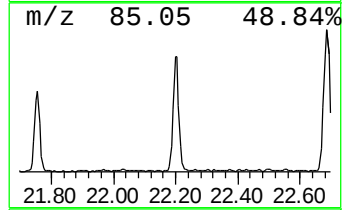
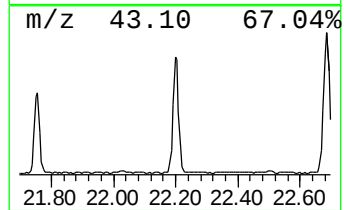
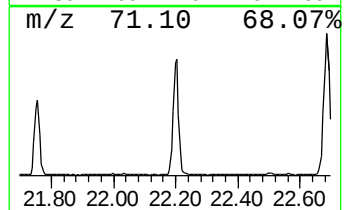
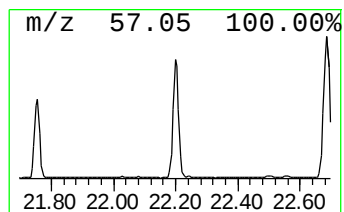
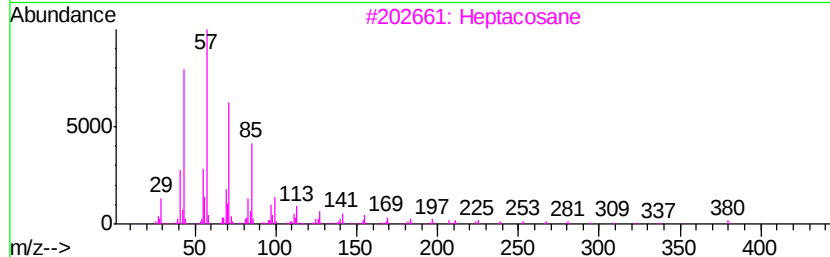
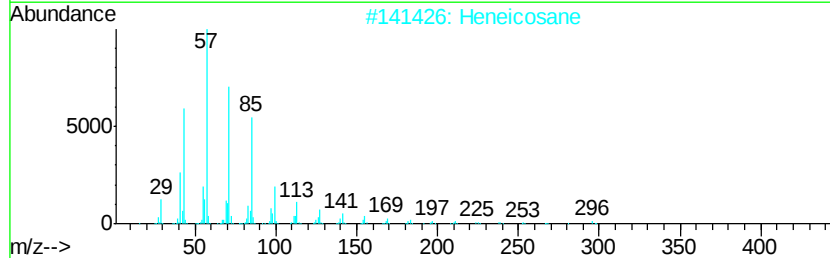
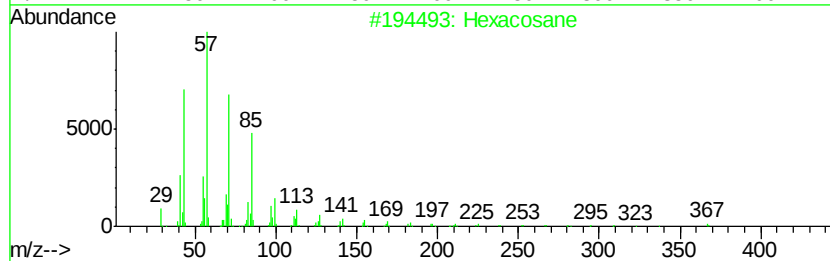
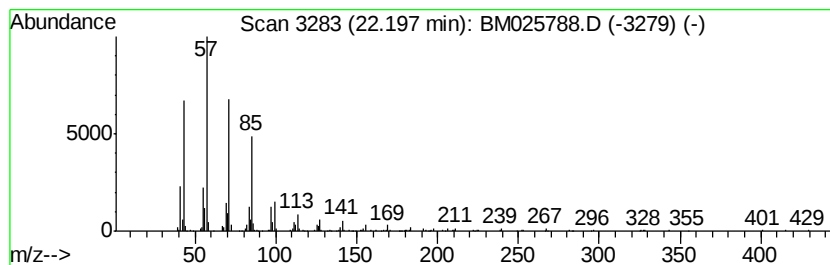
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.17 ng/ul	517381	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Octadecane	254	C18H38	000593-45-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



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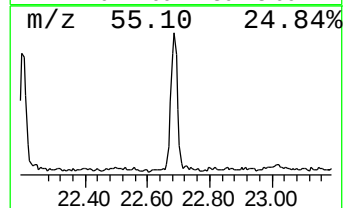
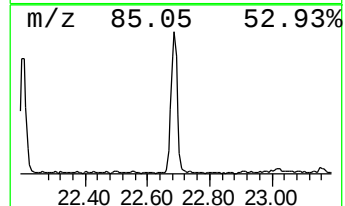
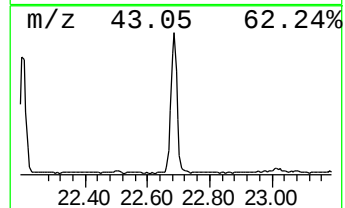
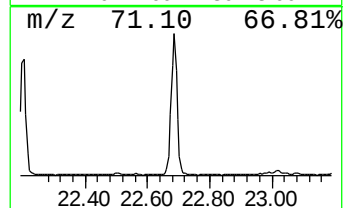
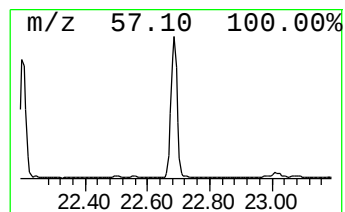
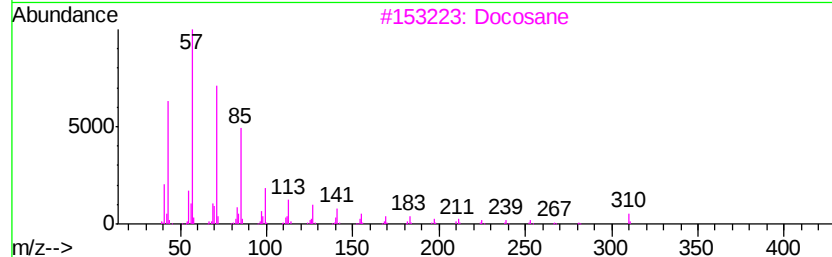
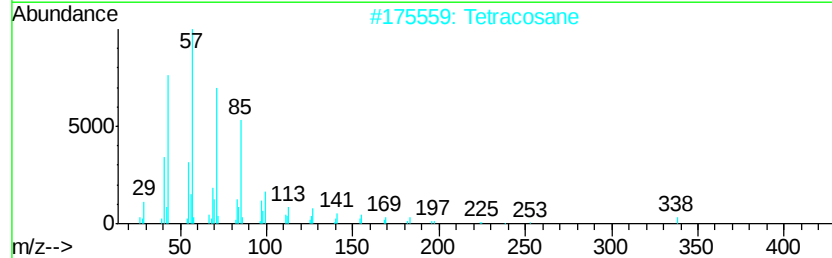
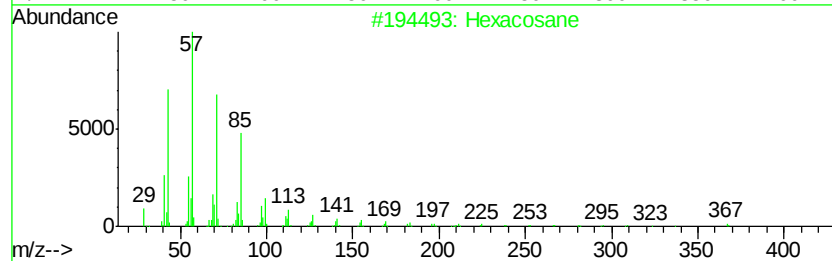
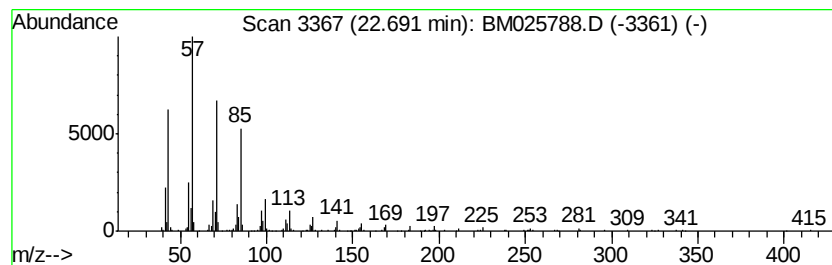
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	3.69 ng/ul	653464	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	93
2		Tetracosane	338	C24H50	000646-31-1	91
3		Docosane	310	C22H46	000629-97-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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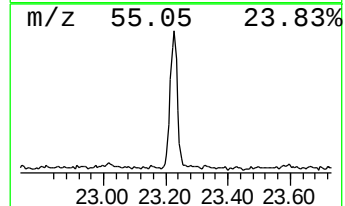
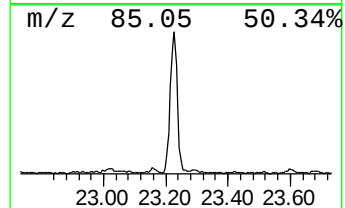
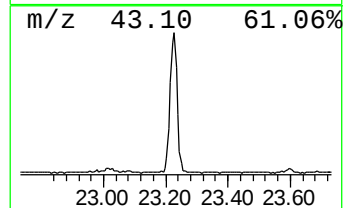
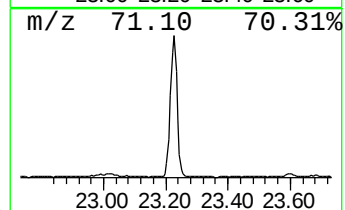
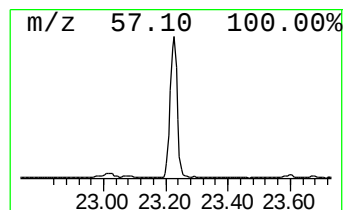
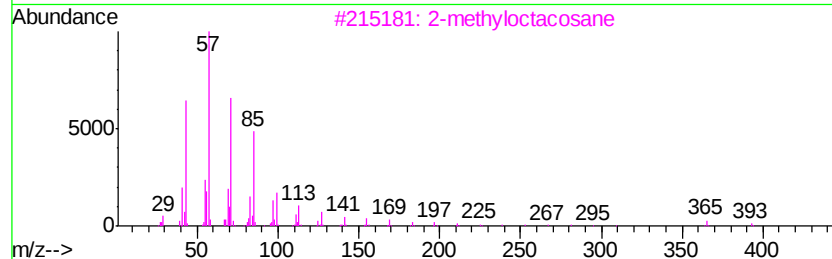
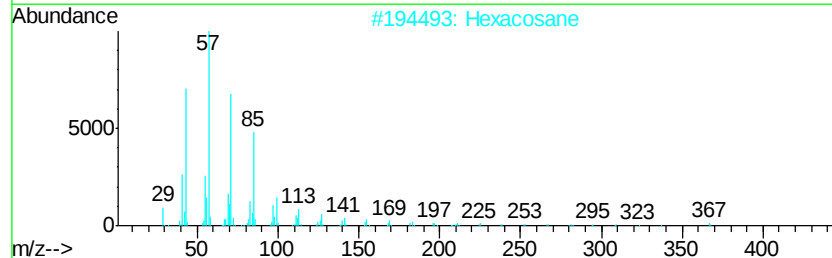
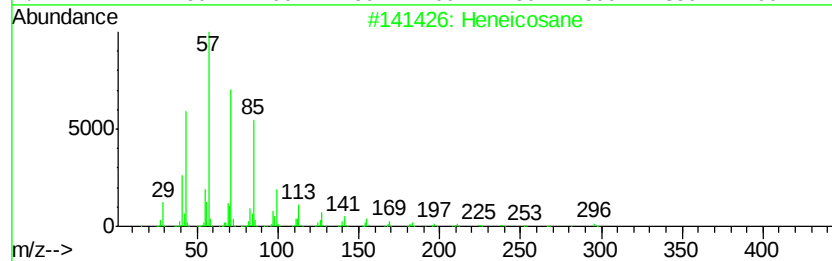
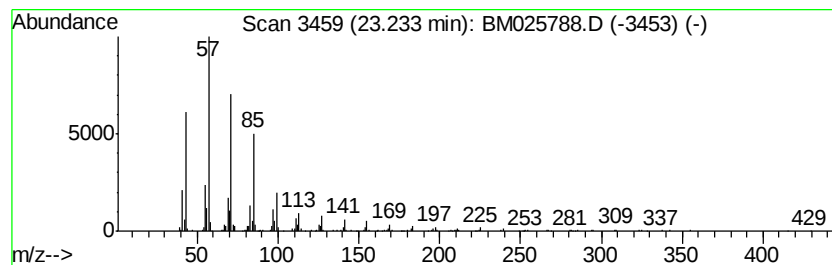
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	4.69 ng/ul	830470	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Hexacosane	366	C26H54	000630-01-3	94
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025788.D
Acq On : 26 Mar 2020 03:18
Operator : CG/JU
Sample : L1941-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DC6

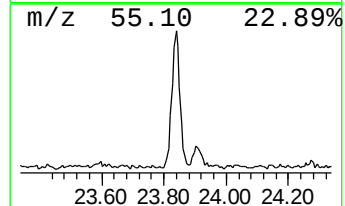
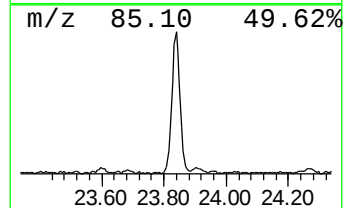
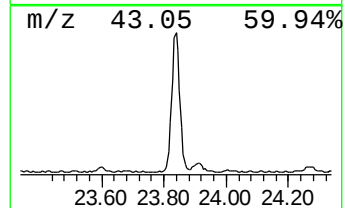
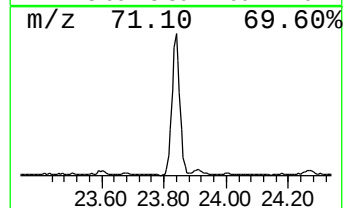
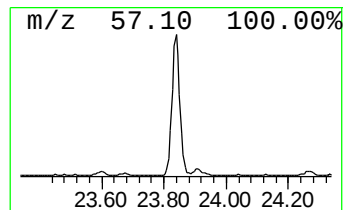
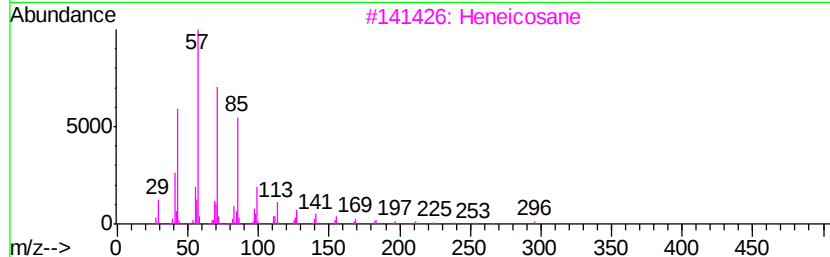
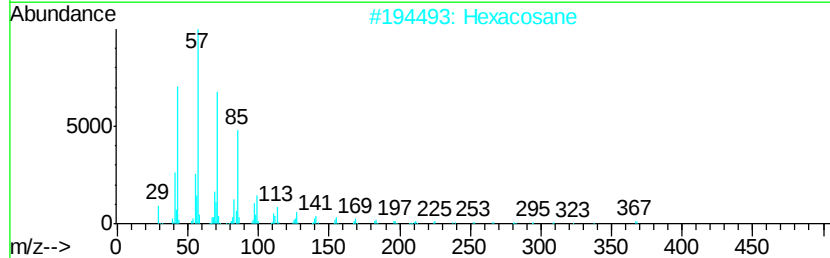
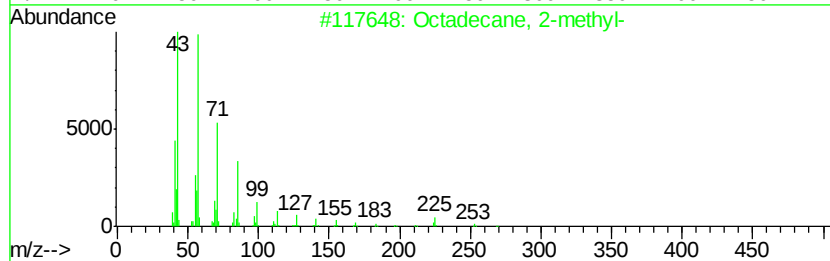
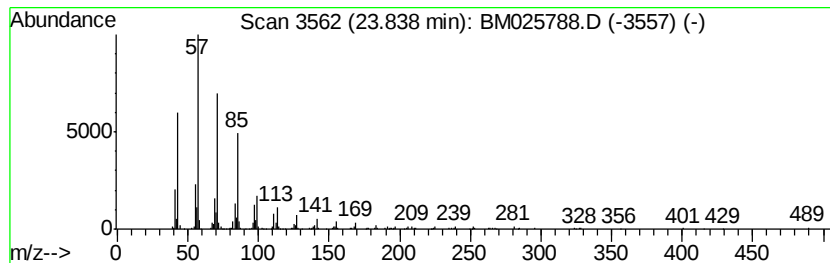
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	3.86 ng/ul	683006	Perylene-d12	23.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Docosane, 11-decyl-	451	C32H66	055401-55-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025788.D
Acq On : 26 Mar 2020 03:18
Operator : CG/JU
Sample : L1941-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DC6

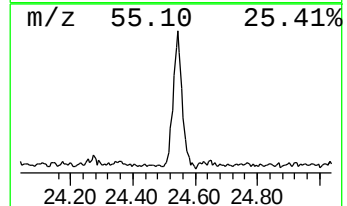
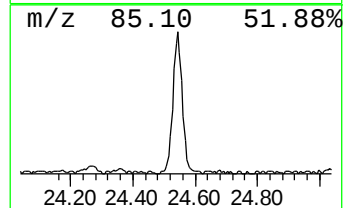
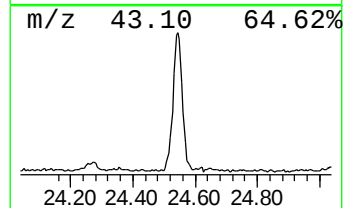
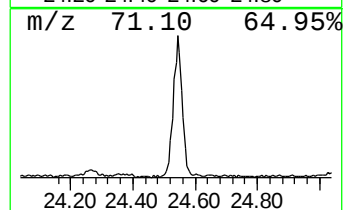
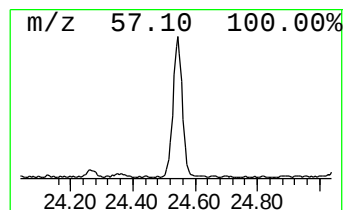
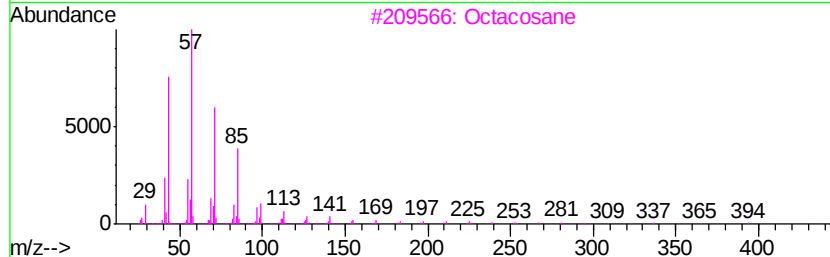
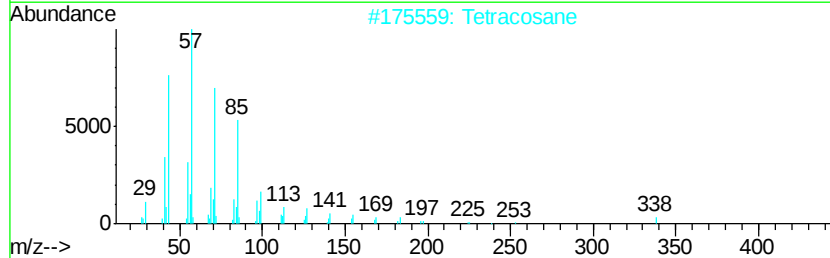
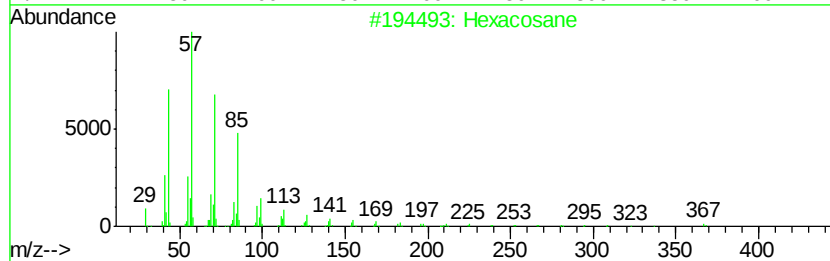
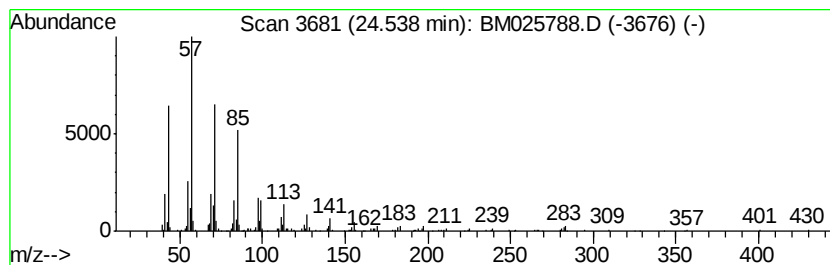
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.54	3.16 ng/ul	559939	Perylene-d12	23.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Tetracosane	338	C24H50	000646-31-1	90
3			Octacosane	394	C28H58	000630-02-4	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032320\
Data File : BM025788.D
Acq On : 26 Mar 2020 03:18
Operator : CG/JU
Sample : L1941-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0DC6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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
7,9-Di-tert-butyl...	17.64	5.2	ng/ul	702894	4	16.95	2711040	20.0
(DEL) Alkane: Str...	22.20	3.2	ng/ul	517381	5	21.14	3263820	20.0
(DEL) Alkane: Str...	22.69	3.7	ng/ul	653464	6	23.29	3539470	20.0
(DEL) Alkane: Str...	23.23	4.7	ng/ul	830470	6	23.29	3539470	20.0
(DEL) Alkane: Str...	23.84	3.9	ng/ul	683006	6	23.29	3539470	20.0
(DEL) Alkane: Str...	24.54	3.2	ng/ul	559939	6	23.29	3539470	20.0