

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072519\
 Data File : BM021663.D
 Acq On : 26 Jul 2019 07:58
 Operator : HP/JU
 Sample : K3893-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEP19

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-BM072319MA.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	6.875	655	661	671	rVB	388728	655261	14.46%	1.379%
2	7.045	685	690	703	rVB	285877	476716	10.52%	1.004%
3	7.228	716	721	730	rVB	411738	678039	14.96%	1.427%
4	7.698	795	801	808	rVB	439117	717995	15.84%	1.512%
5	8.404	915	921	933	rVB	535017	903281	19.93%	1.902%
6	8.528	940	942	950	rVB	28687	37204	0.82%	0.078%
7	8.857	992	998	1008	rBV	419801	714060	15.75%	1.503%
8	9.575	1114	1120	1127	rBV	356691	592668	13.07%	1.248%
9	10.104	1204	1210	1224	rVB	560439	1018622	22.47%	2.144%
10	10.475	1267	1273	1282	rVB	702059	1176118	25.95%	2.476%
11	10.633	1293	1300	1316	rVB	409983	827347	18.25%	1.742%
12	11.286	1409	1411	1418	rVB4	4224	7515	0.17%	0.016%
13	11.886	1509	1513	1517	rVB4	5430	7684	0.17%	0.016%
14	12.075	1542	1545	1550	rVB2	8909	13096	0.29%	0.028%
15	12.163	1555	1560	1561	rBV3	3515	6134	0.14%	0.013%
16	12.175	1561	1562	1569	rVB3	5915	6627	0.15%	0.014%
17	12.674	1644	1647	1652	rVB3	4090	5407	0.12%	0.011%
18	12.933	1687	1691	1698	rVB4	7671	11686	0.26%	0.025%
19	13.145	1723	1727	1731	rBV2	8467	10864	0.24%	0.023%
20	13.227	1735	1741	1747	rVB	18633	28378	0.63%	0.060%
21	13.651	1810	1813	1815	rBV3	4613	5583	0.12%	0.012%
22	13.716	1819	1824	1825	rBV3	7690	10379	0.23%	0.022%
23	13.757	1825	1831	1836	rVV	1178408	1640066	36.18%	3.453%
24	13.804	1836	1839	1846	rVB	196466	266982	5.89%	0.562%
25	14.033	1871	1878	1889	rBV	1396555	2051121	45.25%	4.318%
26	14.145	1895	1897	1902	rVB4	5386	6153	0.14%	0.013%
27	14.227	1906	1911	1915	rVB	11486	14925	0.33%	0.031%
28	14.339	1924	1930	1938	rBV	1273202	1876114	41.39%	3.950%
29	14.404	1938	1941	1947	rVB3	5552	8365	0.18%	0.018%
30	14.580	1960	1971	1993	rBV2	539637	1055398	23.28%	2.222%
31	14.757	1993	2001	2003	rVV6	13105	27005	0.60%	0.057%
32	14.786	2003	2006	2010	rVB4	27898	39074	0.86%	0.082%
33	15.010	2038	2044	2051	rBV	78510	128571	2.84%	0.271%
34	15.104	2055	2060	2062	rBV2	12559	18605	0.41%	0.039%

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35	15.133	2062	2065	2069	rVB2	8754	12982	0.29%	0.027%
36	15.180	2069	2073	2077	rBV2	14473	20157	0.44%	0.042%
37	15.339	2093	2100	2106	rBV	1873278	2668878	58.88%	5.618%
38	15.392	2106	2109	2114	rVB2	17131	27860	0.61%	0.059%
39	15.480	2117	2124	2136	rVV	336714	508301	11.21%	1.070%
40	15.580	2136	2141	2146	rBV	23268	30949	0.68%	0.065%
41	15.627	2146	2149	2152	rVB4	3753	4649	0.10%	0.010%
42	15.686	2156	2159	2161	rBV4	6335	7235	0.16%	0.015%
43	15.839	2181	2185	2191	rVB5	6679	11651	0.26%	0.025%
44	15.904	2191	2196	2198	rBV3	6191	8587	0.19%	0.018%
45	15.968	2203	2207	2211	rBV	63166	74437	1.64%	0.157%
46	16.045	2215	2220	2223	rBV2	20148	31622	0.70%	0.067%
47	16.121	2231	2233	2238	rVB5	8975	11454	0.25%	0.024%
48	16.215	2246	2249	2251	rBV3	3970	4533	0.10%	0.010%
49	16.310	2259	2265	2267	rBV5	4029	5899	0.13%	0.012%
50	16.392	2276	2279	2285	rVB6	13570	19926	0.44%	0.042%
51	16.451	2287	2289	2292	rVB4	7388	6007	0.13%	0.013%
52	16.515	2294	2300	2305	rBV3	61651	91685	2.02%	0.193%
53	16.627	2315	2319	2322	rVV6	6721	9769	0.22%	0.021%
54	16.662	2322	2325	2326	rVV3	4797	4674	0.10%	0.010%
55	16.762	2339	2342	2344	rBV3	10792	13047	0.29%	0.027%
56	16.792	2344	2347	2350	rVV4	18831	23388	0.52%	0.049%
57	16.839	2352	2355	2358	rVV4	19012	24272	0.54%	0.051%
58	16.880	2358	2362	2366	rVV6	20605	36766	0.81%	0.077%
59	16.933	2366	2371	2375	rVV2	143025	206346	4.55%	0.434%
60	16.980	2375	2379	2387	rVB9	18987	47806	1.05%	0.101%
61	17.092	2392	2398	2403	rBV2	1732414	2490504	54.94%	5.243%
62	17.133	2403	2405	2410	rVB	227885	274455	6.05%	0.578%
63	17.192	2410	2415	2426	rVB	2179607	3050347	67.29%	6.422%
64	17.292	2426	2432	2437	rBV	189891	311053	6.86%	0.655%
65	17.492	2462	2466	2474	rBV5	56754	125473	2.77%	0.264%
66	17.574	2478	2480	2485	rVV	23531	29492	0.65%	0.062%
67	17.615	2485	2487	2490	rVV3	11312	8396	0.19%	0.018%
68	17.804	2517	2519	2520	rBV2	13791	8876	0.20%	0.019%
69	17.992	2544	2551	2560	rBV2	770568	1328060	29.30%	2.796%
70	18.162	2576	2580	2584	rBV2	130248	184005	4.06%	0.387%
71	18.445	2625	2628	2631	rBV	45961	58014	1.28%	0.122%

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72	18.556	2643	2647	2650	rVB2	78436	103235	2.28%	0.217%
73	18.621	2654	2658	2662	rBV3	73781	90265	1.99%	0.190%
74	18.851	2694	2697	2701	rBV3	91261	150754	3.33%	0.317%
75	19.156	2745	2749	2755	rVB	572195	750570	16.56%	1.580%
76	19.274	2764	2769	2779	rBV3	510300	922699	20.36%	1.942%
77	19.492	2801	2806	2815	rBV2	3038031	4532860	100.00%	9.542%
78	20.021	2894	2896	2900	rVB2	172634	194825	4.30%	0.410%
79	20.527	2979	2982	2986	rVB	97847	111852	2.47%	0.235%
80	20.992	3057	3061	3069	rVB3	704563	1054527	23.26%	2.220%
81	21.286	3105	3111	3115	rBV	2783722	3811135	84.08%	8.023%
82	21.856	3205	3208	3211	rBV	480673	509084	11.23%	1.072%
83	22.821	3369	3372	3376	rBV	552721	701977	15.49%	1.478%
84	23.386	3462	3468	3474	rBV	2298985	4102231	90.50%	8.636%
85	23.533	3487	3493	3499	rBV2	1511812	2805567	61.89%	5.906%
86	24.027	3573	3577	3586	rVB	471346	835744	18.44%	1.759%

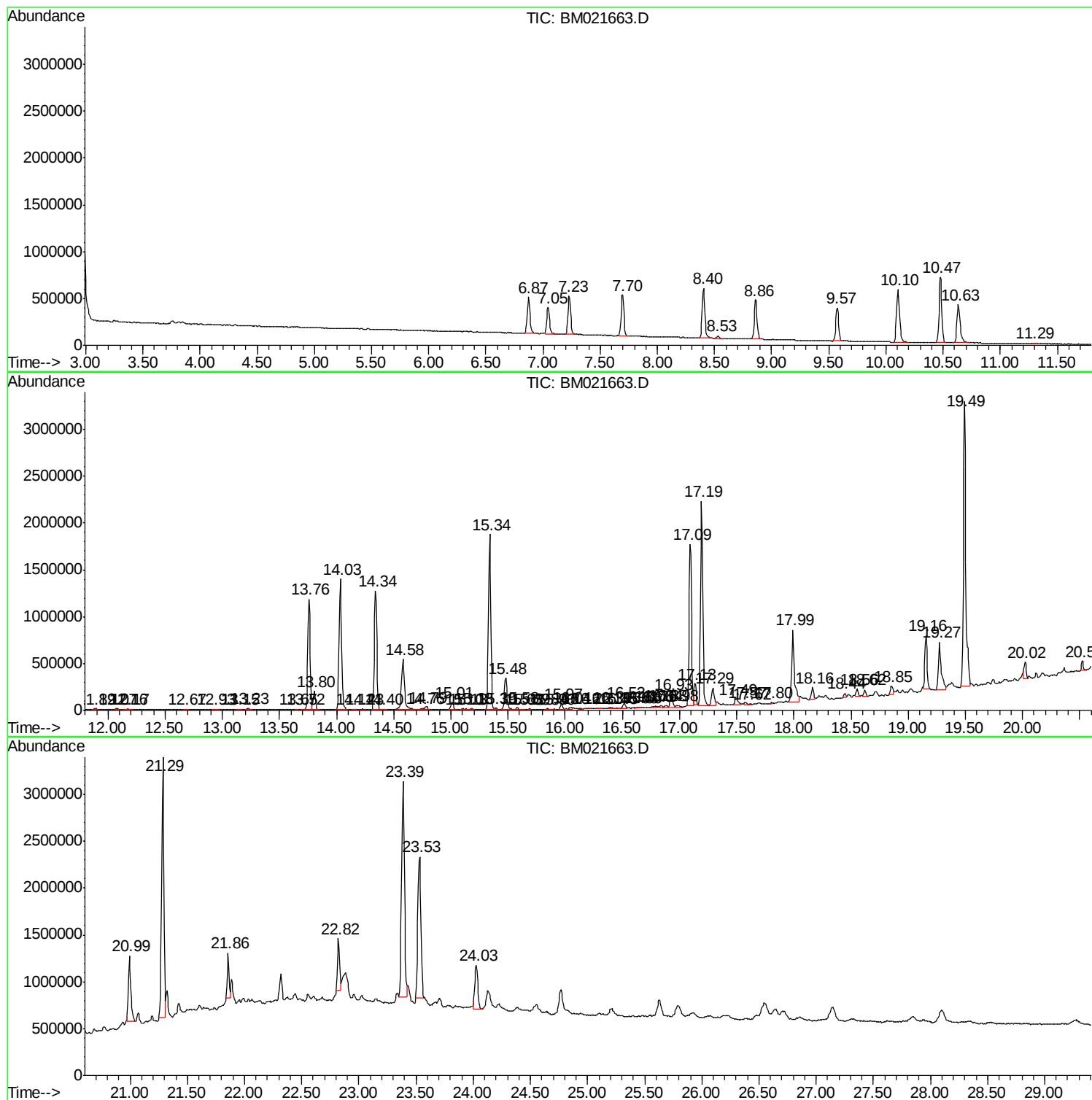
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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



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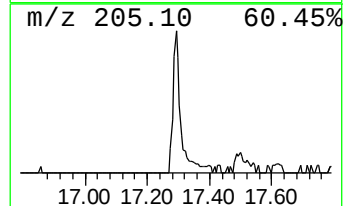
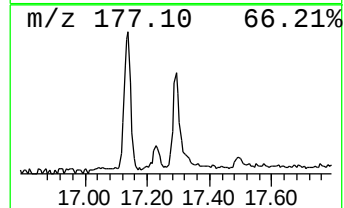
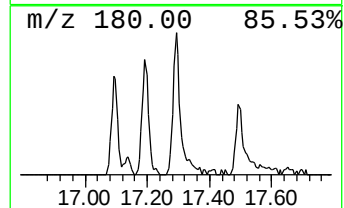
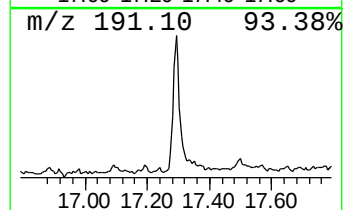
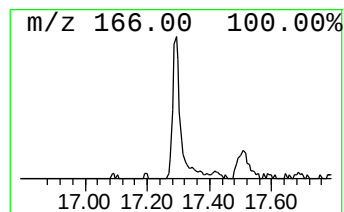
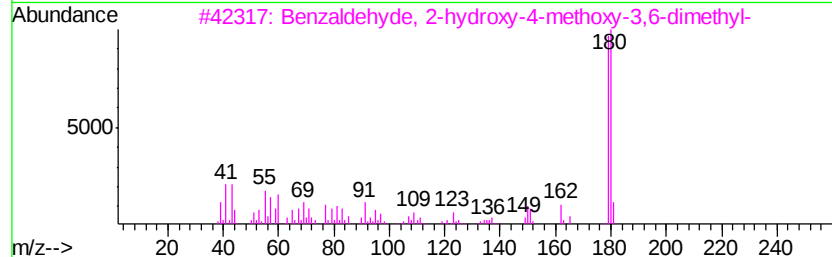
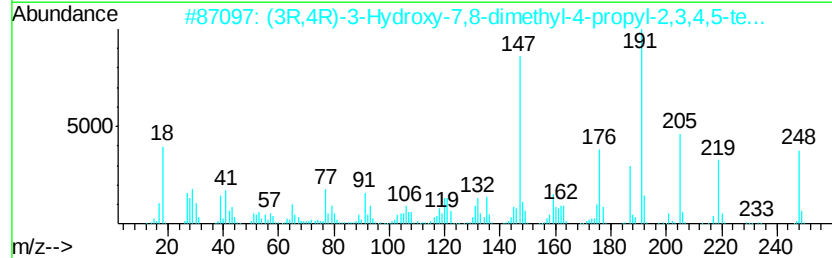
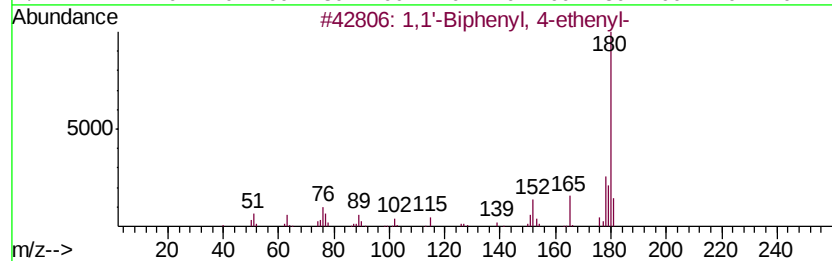
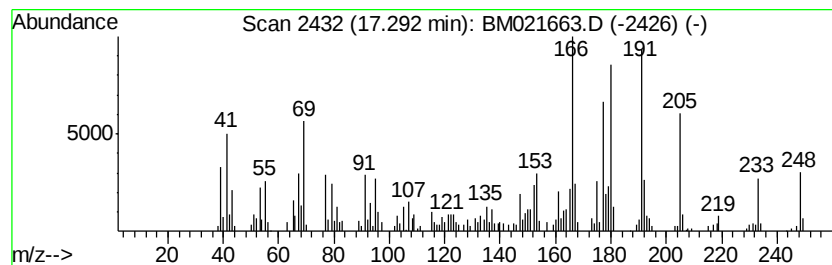
Instrument :
BNA_M
ClientSampled :
BEP19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.29	2.50 ng/ul	311053	Phenanthrene-d10	17.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	25
2		(3R,4R)-3-Hydroxy-7,8-dimethyl-4...	248	C14H20N2O2	213343-29-4	20
3		Benzaldehyde, 2-hydroxy-4-methox...	180	C10H12O3	034883-15-3	15
4		2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	15
5		1H-Purine-2,6-dione, 3,7-dihydro...	180	C7H8N4O2	000058-55-9	15



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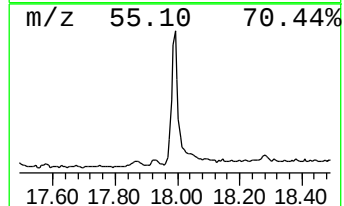
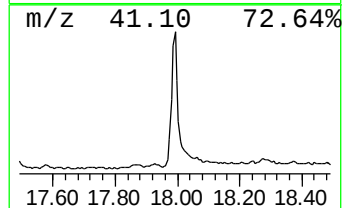
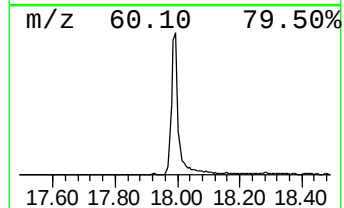
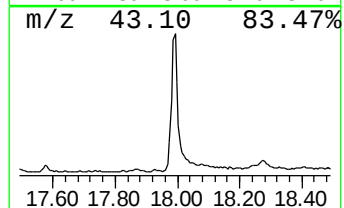
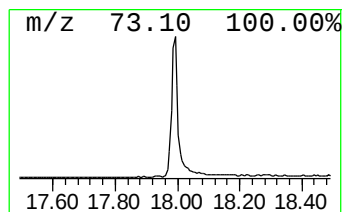
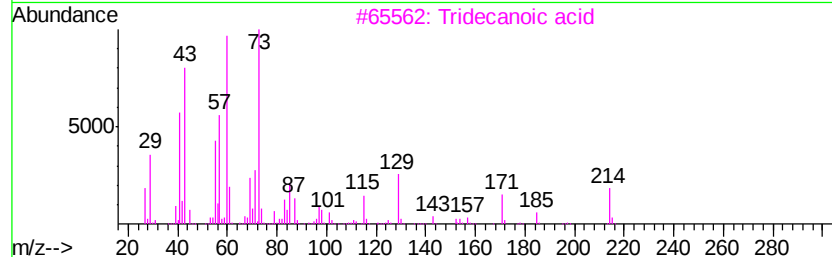
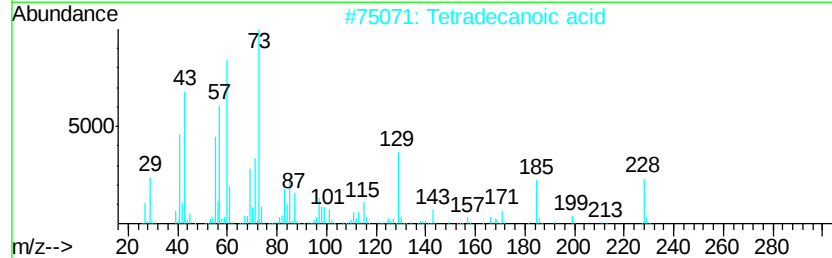
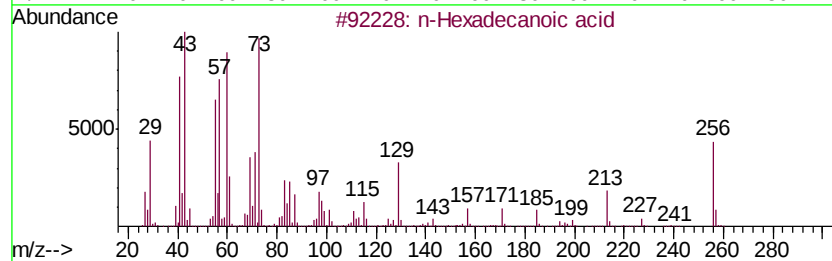
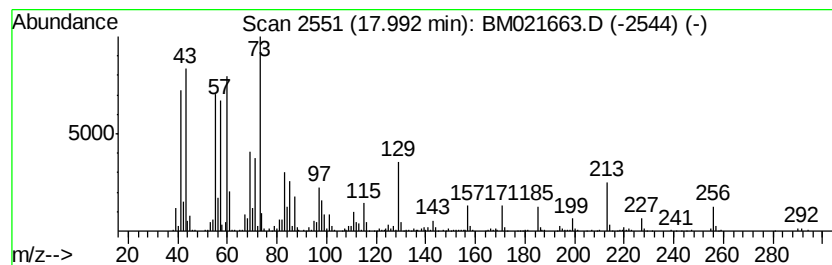
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	10.67 ng/ul	1328060	Phenanthrene-d10	17.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228 C14H28O2	000544-63-8	93
3	Tridecanoic acid	214 C13H26O2	000638-53-9	90
4	Tridecanoic acid	214 C13H26O2	000638-53-9	81
5	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	64



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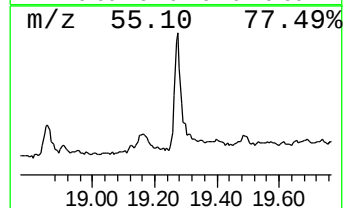
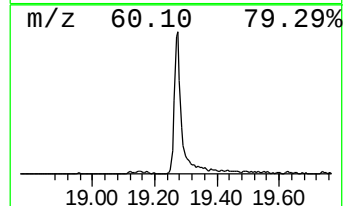
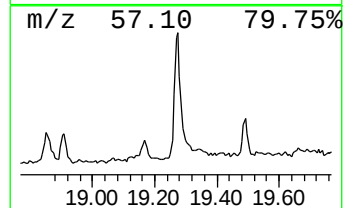
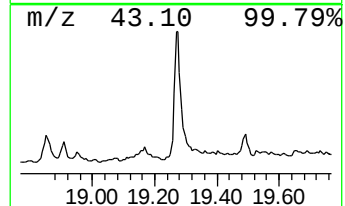
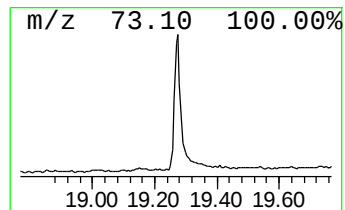
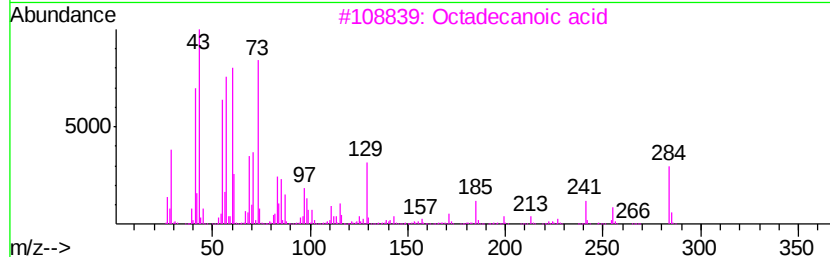
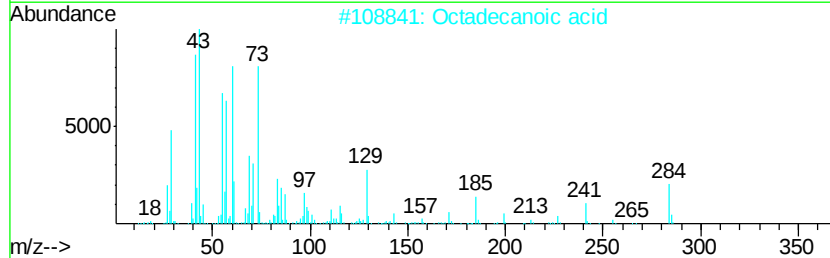
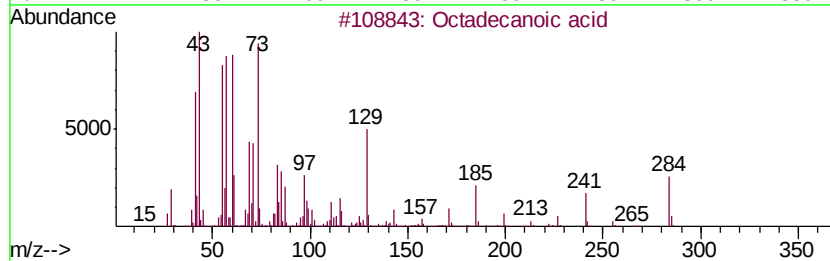
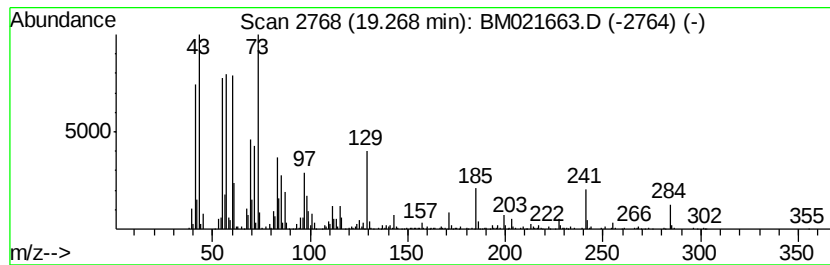
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	4.84 ng/ul	922699	Chrysene-d12	21.29

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	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	91



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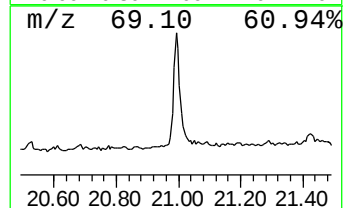
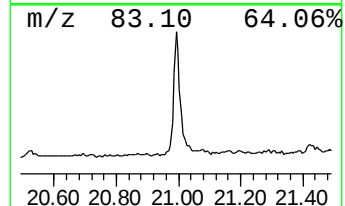
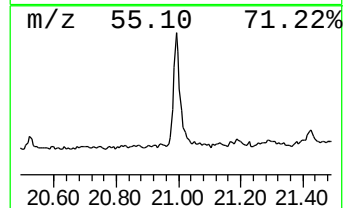
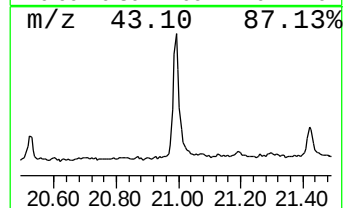
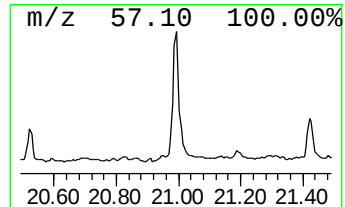
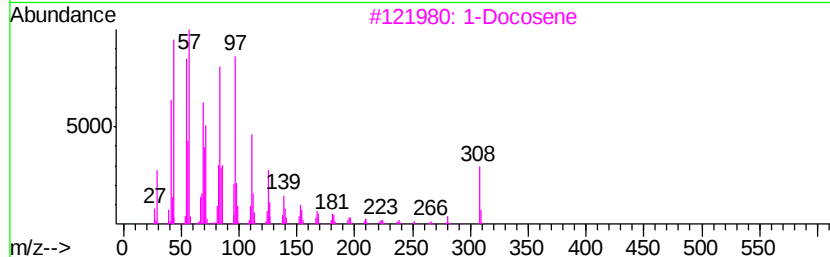
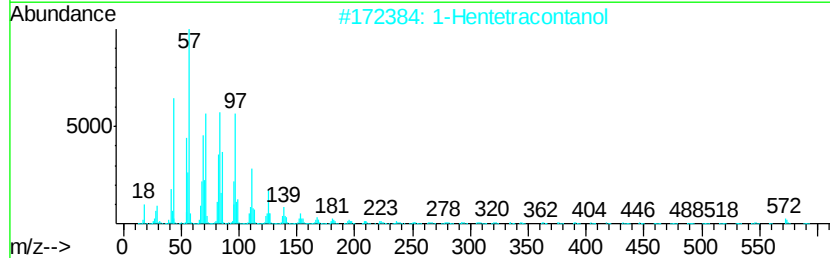
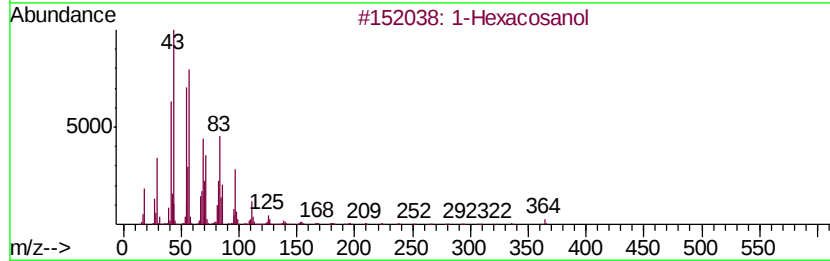
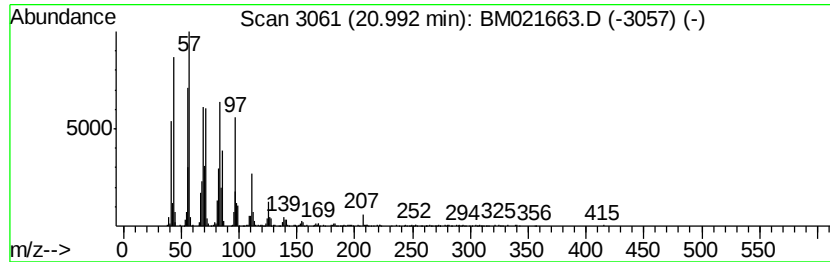
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Hexacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.53 ng/ul	1054530	Chrysene-d12	21.29

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol		382	C26H54O	000506-52-5	91
2	1-Hentetracontanol		593	C41H84O	040710-42-7	91
3	1-Docosene		308	C22H44	001599-67-3	89
4	Acetic acid, chloro-, hexadecyl ...		318	C18H35ClO2	052132-58-8	81
5	Octadecane, 1-(ethenyloxy)-		296	C20H40O	000930-02-9	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072519\
Data File : BM021663.D
Acq On : 26 Jul 2019 07:58
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP19

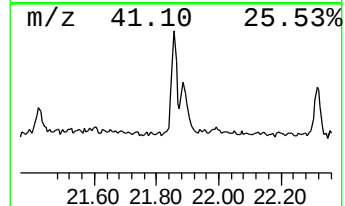
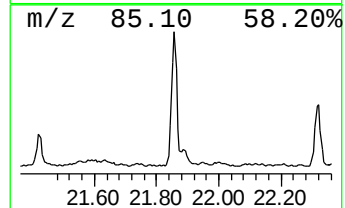
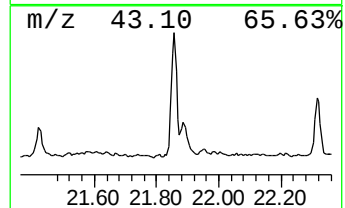
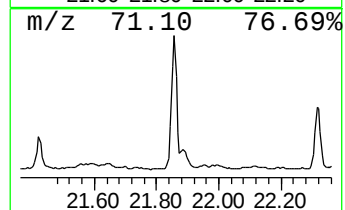
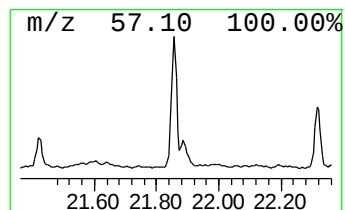
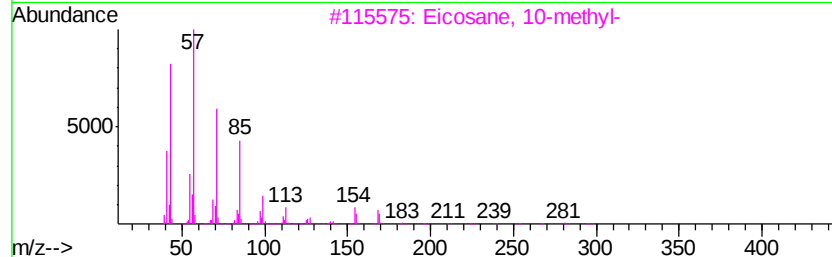
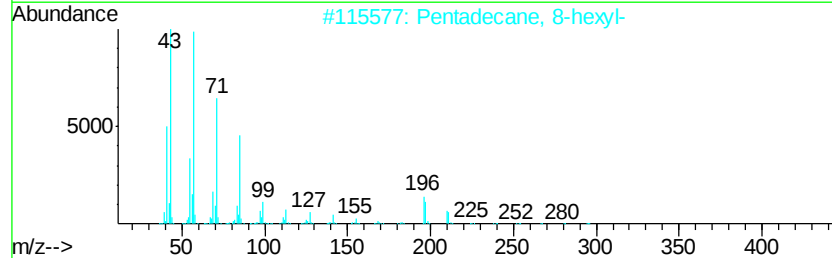
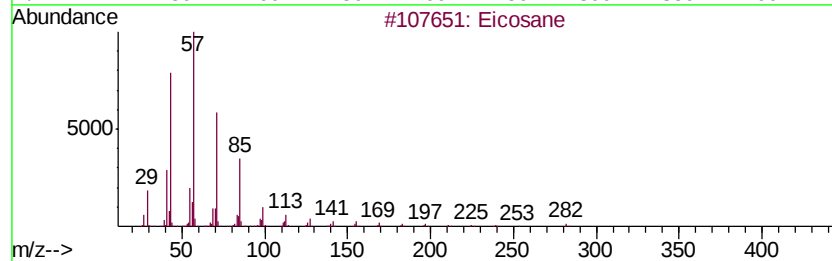
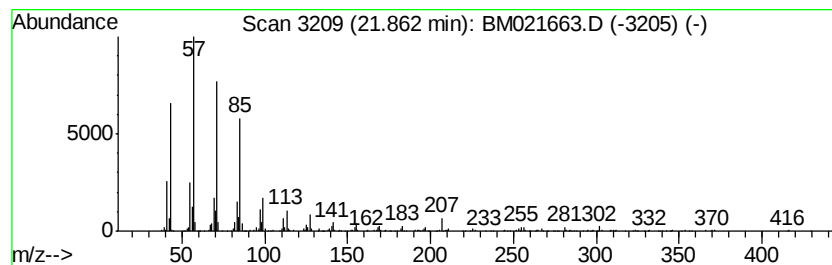
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.67 ng/ul	509084	Chrysene-d12	21.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Eicosane	282	C20H42	000112-95-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072519\
Data File : BM021663.D
Acq On : 26 Jul 2019 07:58
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP19

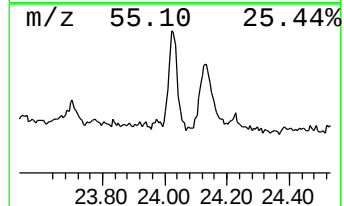
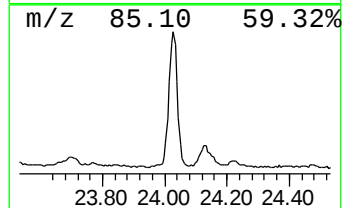
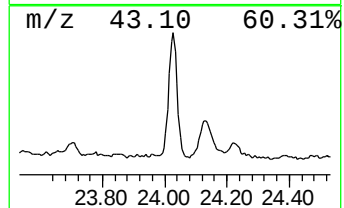
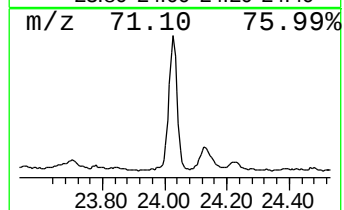
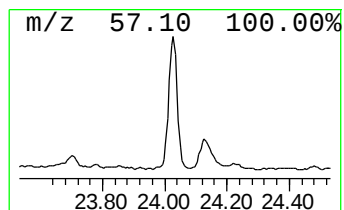
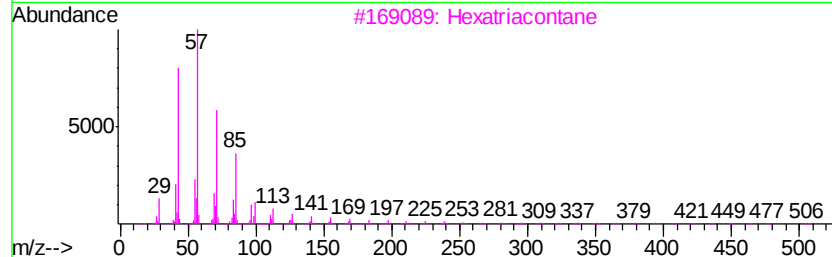
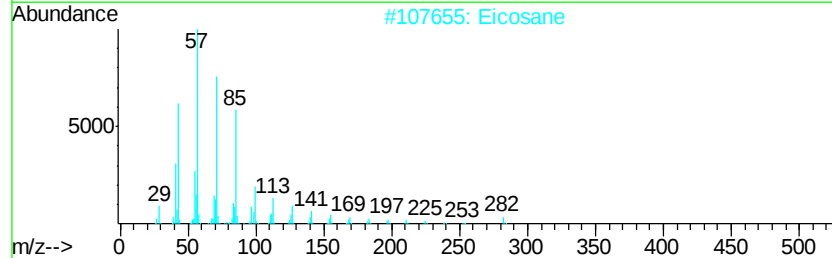
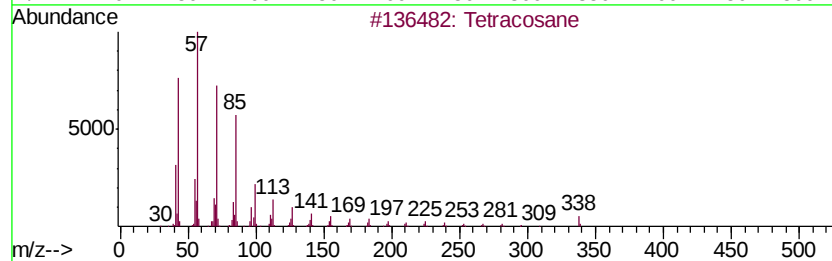
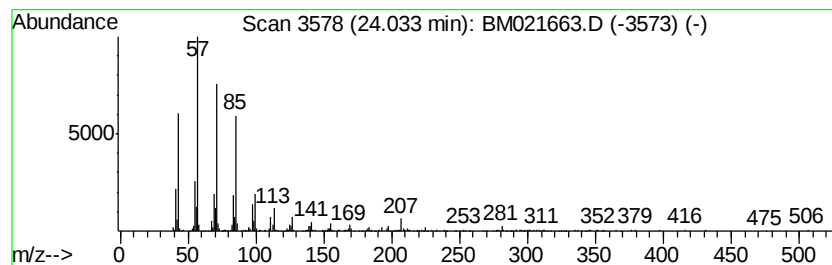
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	5.96 ng/ul	835744	Perylene-d12	23.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	97
2		Eicosane	282	C20H42	000112-95-8	97
3		Hexatriacontane	507	C36H74	000630-06-8	93
4		Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5		Heptacosane	380	C27H56	000593-49-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072519\
Data File : BM021663.D
Acq On : 26 Jul 2019 07:58
Operator : HP/JU
Sample : K3893-15
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEP19

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.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
unknown-01	17.29	2.5	ng/ul	311053	4	17.09	2490500	20.0
n-Hexadecanoic acid	17.99	10.7	ng/ul	1328060	4	17.09	2490500	20.0
Octadecanoic acid	19.27	4.8	ng/ul	922699	5	21.29	3811140	20.0
1-Hexacosanol	20.99	5.5	ng/ul	1054530	5	21.29	3811140	20.0
(DEL) Alkane: Str...	21.86	2.7	ng/ul	509084	5	21.29	3811140	20.0
(DEL) Alkane: Str...	24.03	6.0	ng/ul	835744	6	23.53	2805570	20.0