

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005252.D
 Acq On : 24 Apr 2019 15:49
 Operator : JU/SJ
 Sample : K2403-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5127

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_N\METHODS\SOM-EPA-BN041919MA.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	3.217	35	39	49	rVB	136206	169562	1.72%	0.126%
2	3.469	79	82	92	rVB	24490	38698	0.39%	0.029%
3	3.916	153	158	163	rVB	18369	25947	0.26%	0.019%
4	4.258	209	216	220	rBV4	10186	17732	0.18%	0.013%
5	4.863	313	319	323	rBV5	8560	12667	0.13%	0.009%
6	5.728	460	466	474	rBV3	12952	24256	0.25%	0.018%
7	6.275	555	559	566	rVB5	13525	21909	0.22%	0.016%
8	6.775	636	644	655	rBV	2397582	3740066	37.86%	2.781%
9	6.946	660	673	685	rVV	1788091	2729306	27.63%	2.029%
10	7.134	698	705	717	rBV	2348374	3617162	36.62%	2.689%
11	7.599	777	784	791	rBV	1553854	2488302	25.19%	1.850%
12	7.663	791	795	804	rVB2	29418	49071	0.50%	0.036%
13	7.952	839	844	850	rBV3	7251	12466	0.13%	0.009%
14	8.293	894	902	915	rBV	2929388	4662004	47.20%	3.466%
15	8.740	969	978	989	rBV	2238645	3690602	37.36%	2.744%
16	8.851	994	997	1002	rVV4	8464	14127	0.14%	0.011%
17	8.910	1002	1007	1012	rVB4	33224	51313	0.52%	0.038%
18	9.193	1048	1055	1060	rBV	55093	77270	0.78%	0.057%
19	9.451	1091	1099	1109	rBV	1893408	3106868	31.45%	2.310%
20	9.981	1181	1189	1207	rBV	3019825	4932459	49.94%	3.667%
21	10.357	1245	1253	1260	rBV	2230399	3663678	37.09%	2.724%
22	10.493	1269	1276	1288	rBV	2853028	4837748	48.98%	3.597%
23	11.169	1385	1391	1398	rVB7	8134	17522	0.18%	0.013%
24	11.404	1425	1431	1441	rBV7	13289	28923	0.29%	0.022%
25	11.793	1491	1497	1499	rBV5	9810	14903	0.15%	0.011%
26	11.951	1519	1524	1533	rBV3	48746	80406	0.81%	0.060%
27	12.781	1659	1665	1670	rBV8	8907	14151	0.14%	0.011%
28	13.069	1710	1714	1721	rVB	55007	79623	0.81%	0.059%
29	13.140	1721	1726	1730	rBV4	16625	28068	0.28%	0.021%
30	13.198	1732	1736	1738	rVB4	10884	13248	0.13%	0.010%
31	13.598	1799	1804	1806	rBV3	12852	21123	0.21%	0.016%
32	13.651	1806	1813	1817	rVV	5155990	7173342	72.62%	5.334%
33	13.692	1817	1820	1827	rVV	1695661	2295580	23.24%	1.707%
34	13.781	1831	1835	1844	rVB6	18418	37842	0.38%	0.028%

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35	13.863	1844	1849	1851	rBV2	13266	19029	0.19%	0.014%
36	13.922	1851	1859	1868	rBV	5514324	8429780	85.34%	6.268%
37	14.157	1894	1899	1904	rBV	98565	125210	1.27%	0.093%
38	14.228	1904	1911	1922	rVV2	3089270	4808924	48.68%	3.576%
39	14.434	1939	1946	1956	rBV	2008627	3035557	30.73%	2.257%
40	14.604	1970	1975	1977	rBV6	14011	19225	0.19%	0.014%
41	14.663	1981	1985	1992	rBV6	17928	31846	0.32%	0.024%
42	14.786	2001	2006	2012	rVB7	18794	28623	0.29%	0.021%
43	15.063	2049	2053	2058	rBV5	9074	15430	0.16%	0.011%
44	15.116	2058	2062	2067	rVV	72798	88259	0.89%	0.066%
45	15.228	2074	2081	2092	rVB	6621512	9877704	100.00%	7.344%
46	15.351	2096	2102	2112	rBV	1327137	1903517	19.27%	1.415%
47	15.469	2117	2122	2127	rVV	91759	143509	1.45%	0.107%
48	15.522	2130	2131	2136	rVB5	13632	15363	0.16%	0.011%
49	15.616	2141	2147	2152	rVB7	11641	20995	0.21%	0.016%
50	15.675	2152	2157	2161	rVB5	14440	20433	0.21%	0.015%
51	15.916	2193	2198	2205	rBV8	16890	37162	0.38%	0.028%
52	15.981	2205	2209	2212	rVV2	32678	41169	0.42%	0.031%
53	16.016	2212	2215	2223	rVB6	34410	65373	0.66%	0.049%
54	16.145	2233	2237	2240	rBV5	10851	14345	0.15%	0.011%
55	16.239	2250	2253	2257	rVB2	11139	15199	0.15%	0.011%
56	16.398	2276	2280	2281	rBV2	12914	15641	0.16%	0.012%
57	16.669	2322	2326	2329	rVB5	16438	25081	0.25%	0.019%
58	16.775	2340	2344	2348	rBV4	19975	32141	0.33%	0.024%
59	16.986	2373	2380	2390	rBV2	3487931	5128449	51.92%	3.813%
60	17.086	2390	2397	2405	rBV	6519953	9648408	97.68%	7.174%
61	17.239	2420	2423	2430	rBV9	21332	42400	0.43%	0.032%
62	17.675	2494	2497	2500	rVB5	15964	17938	0.18%	0.013%
63	17.798	2511	2518	2525	rBV8	13415	35383	0.36%	0.026%
64	17.916	2532	2538	2557	rBV	1533356	2536663	25.68%	1.886%
65	18.210	2586	2588	2593	rVB5	25857	36798	0.37%	0.027%
66	18.345	2609	2611	2615	rVB5	11487	13924	0.14%	0.010%
67	18.592	2651	2653	2657	rBV5	11701	17247	0.17%	0.013%
68	18.680	2665	2668	2673	rVB4	15822	20767	0.21%	0.015%
69	18.775	2680	2684	2685	rBV3	13278	15129	0.15%	0.011%
70	18.863	2696	2699	2702	rVB3	19349	23157	0.23%	0.017%
71	19.027	2723	2727	2730	rBV	77397	98922	1.00%	0.074%

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72	19.063	2730	2733	2735	rVV3	32969	42487	0.43%	0.032%
73	19.092	2735	2738	2748	rVB7	57174	132799	1.34%	0.099%
74	19.210	2754	2758	2766	rBV	654445	1026827	10.40%	0.763%
75	19.280	2767	2770	2774	rVB	89710	123414	1.25%	0.092%
76	19.398	2781	2790	2796	rBV	7178299	9658692	97.78%	7.181%
77	19.451	2796	2799	2802	rVV4	41725	55655	0.56%	0.041%
78	19.480	2802	2804	2811	rVV5	37367	49465	0.50%	0.037%
79	19.557	2813	2817	2821	rVB4	58056	69524	0.70%	0.052%
80	19.957	2883	2885	2888	rBV4	18642	19584	0.20%	0.015%
81	19.992	2888	2891	2897	rVB4	59981	67235	0.68%	0.050%
82	20.316	2943	2946	2947	rBV3	33397	33882	0.34%	0.025%
83	20.363	2947	2954	2964	rVV	1515694	1924783	19.49%	1.431%
84	20.498	2970	2977	2980	rBV2	106938	157361	1.59%	0.117%
85	20.574	2987	2990	2991	rBV3	26608	30342	0.31%	0.023%
86	20.963	3051	3056	3070	rBV	1449845	2407407	24.37%	1.790%
87	21.221	3094	3100	3106	rBV	3196248	4288790	43.42%	3.189%
88	21.363	3120	3124	3129	rBV	193370	227284	2.30%	0.169%
89	21.421	3130	3134	3139	rBV	276349	311544	3.15%	0.232%
90	21.504	3145	3148	3152	rBV3	61584	86118	0.87%	0.064%
91	21.857	3204	3208	3216	rBV	402630	592688	6.00%	0.441%
92	22.321	3282	3287	3293	rVB	569910	805841	8.16%	0.599%
93	22.821	3367	3372	3378	rBV	738508	1046190	10.59%	0.778%
94	23.298	3446	3453	3462	rVB	4622213	8176436	82.78%	6.079%
95	23.386	3462	3468	3471	rVV	739671	1272077	12.88%	0.946%
96	23.433	3471	3476	3484	rVB2	2285437	4079616	41.30%	3.033%
97	24.021	3570	3576	3583	rVB	668353	1259651	12.75%	0.937%
98	24.098	3585	3589	3598	rVB5	159879	344128	3.48%	0.256%
99	24.751	3694	3700	3707	rBV	510140	1059777	10.73%	0.788%
100	25.604	3839	3845	3855	rVB	366137	893599	9.05%	0.664%

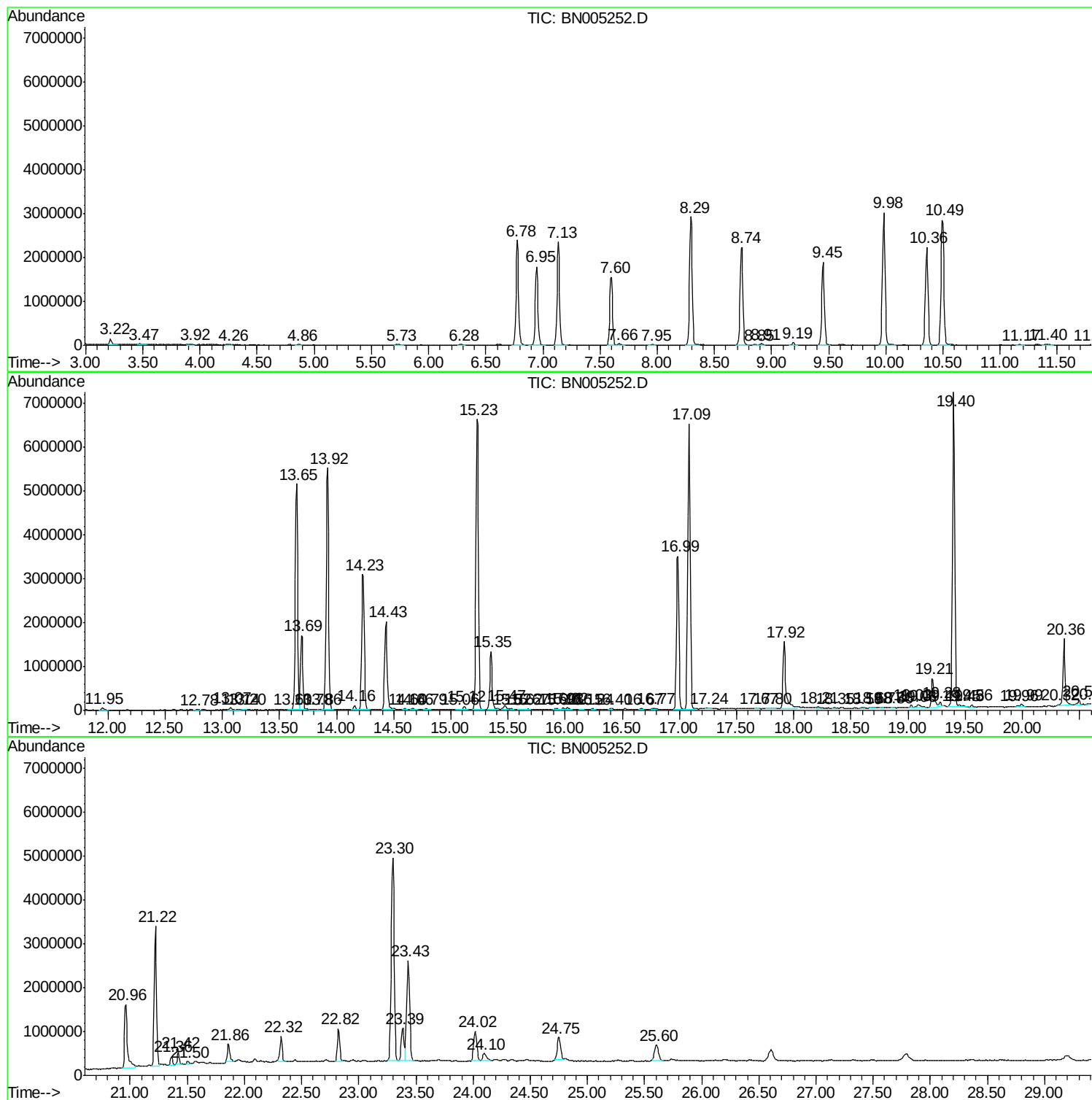
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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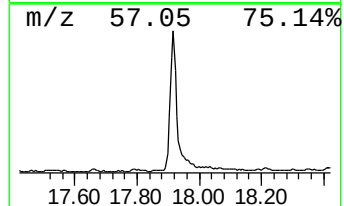
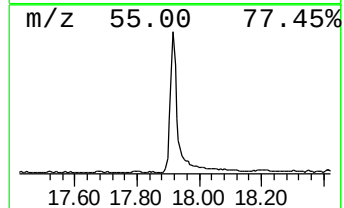
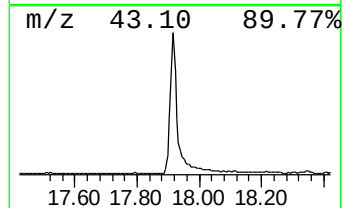
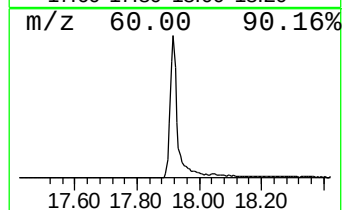
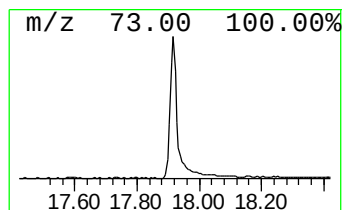
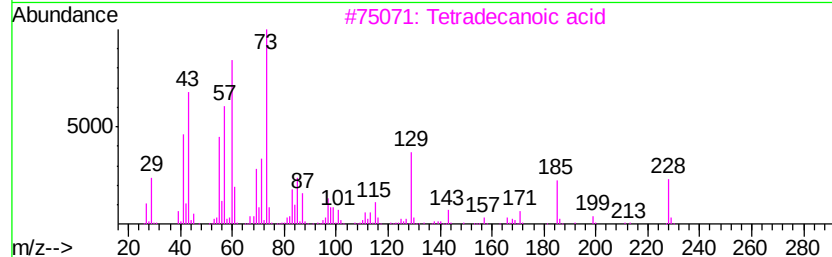
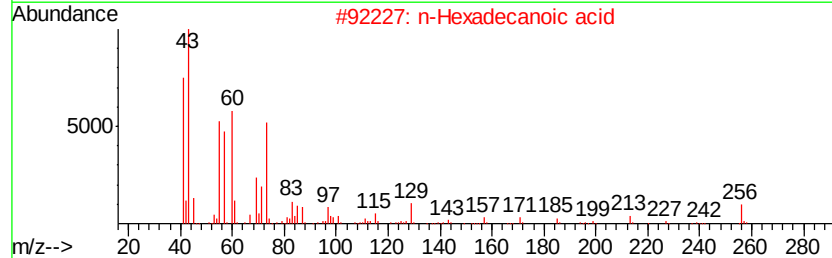
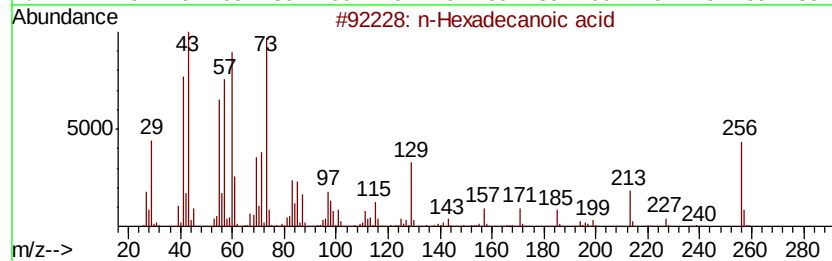
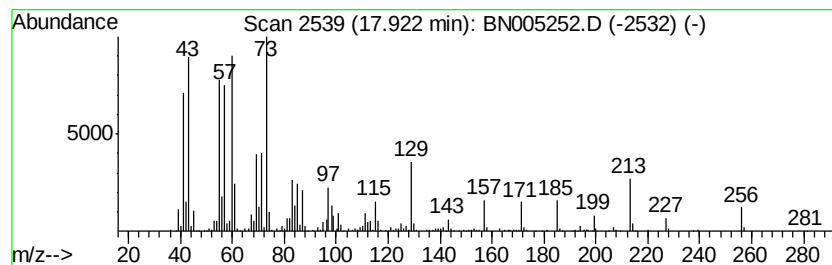
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.92	9.89 ng/ul	2536660	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	



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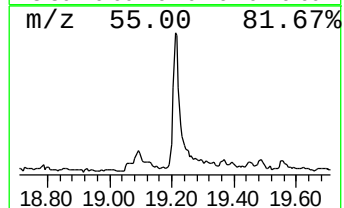
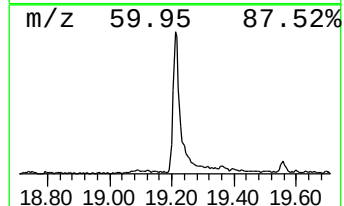
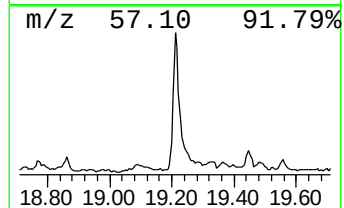
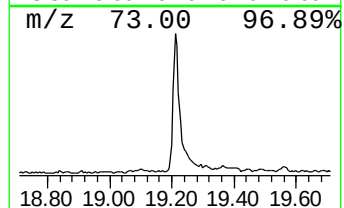
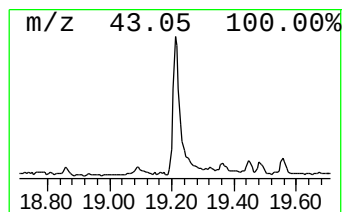
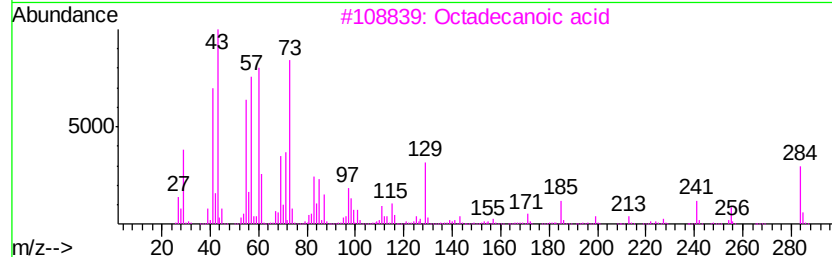
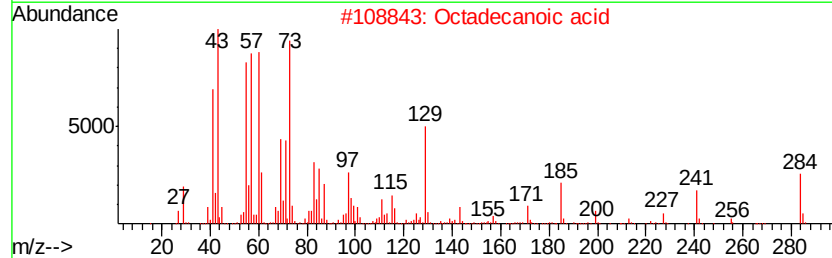
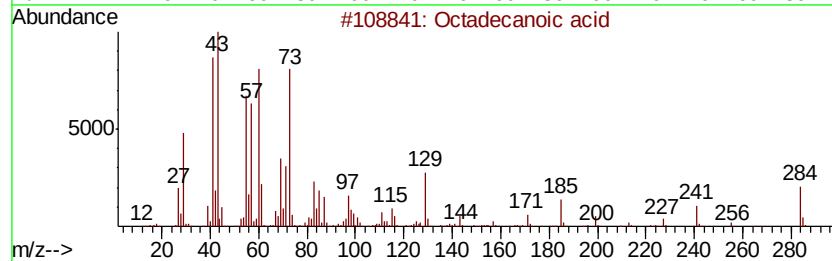
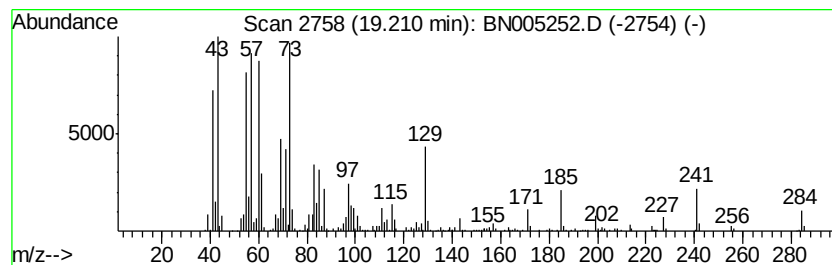
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.21	4.79 ng/ul	1026830	Chrysene-d12	21.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89



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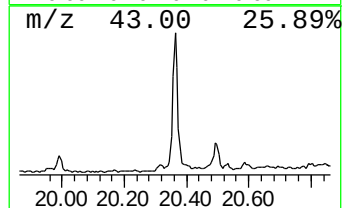
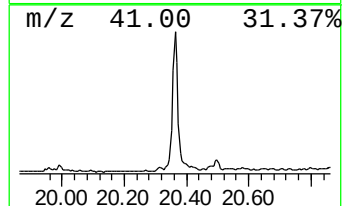
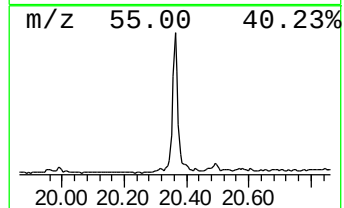
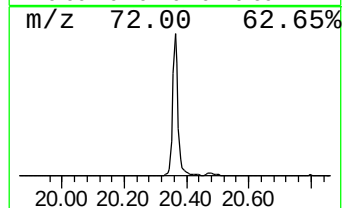
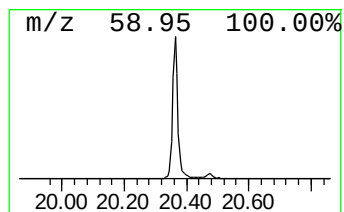
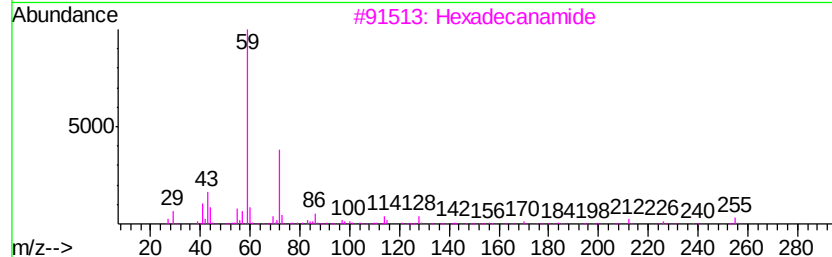
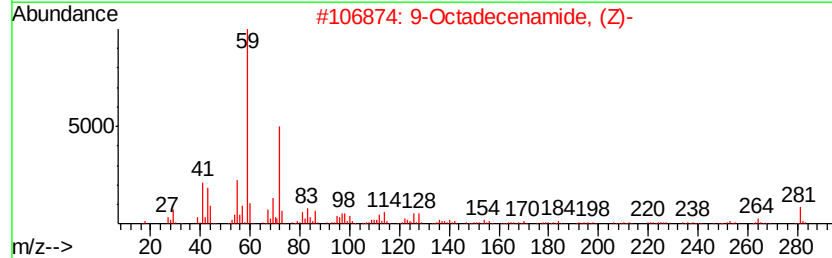
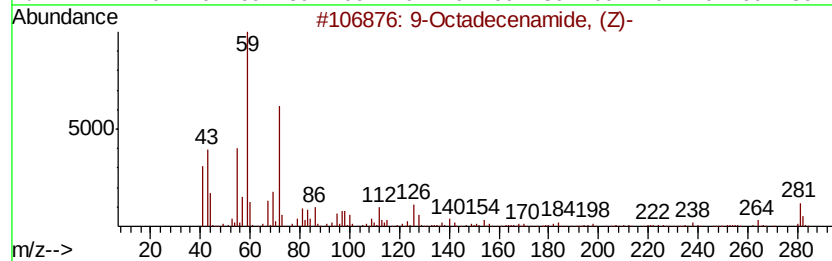
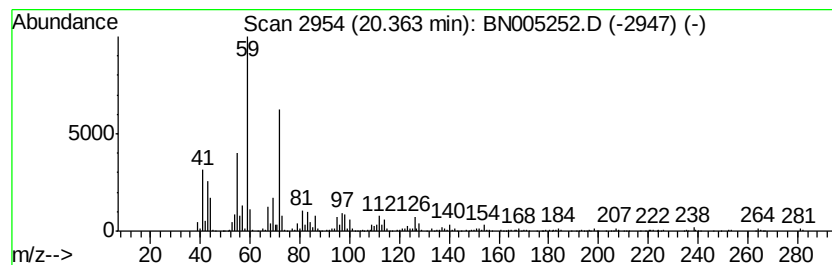
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	8.98 ng/ul	1924780	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0 95
2		9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0 93
3		Hexadecanamide	255 C16H33NO	000629-54-9 59
4		Octanamide	143 C8H17NO	000629-01-6 53
5		9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0 53



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Acq On : 24 Apr 2019 15:49
Operator : JU/SJ
Sample : K2403-10
Misc :
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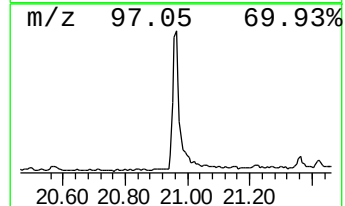
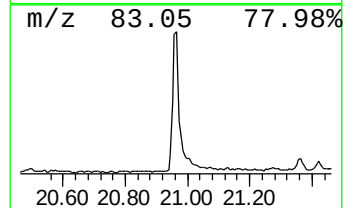
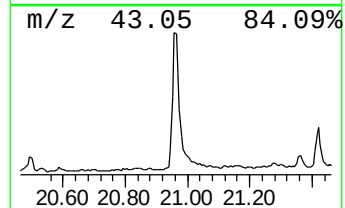
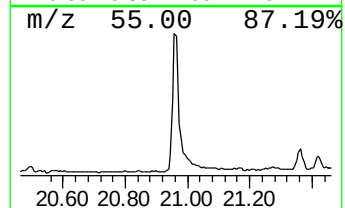
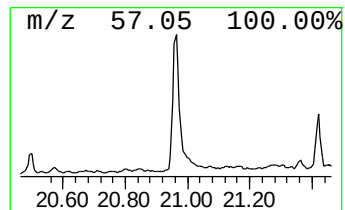
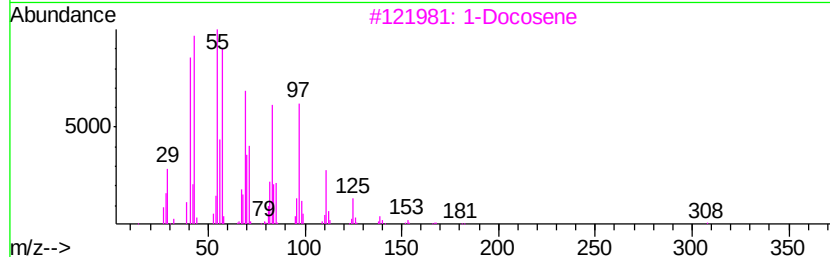
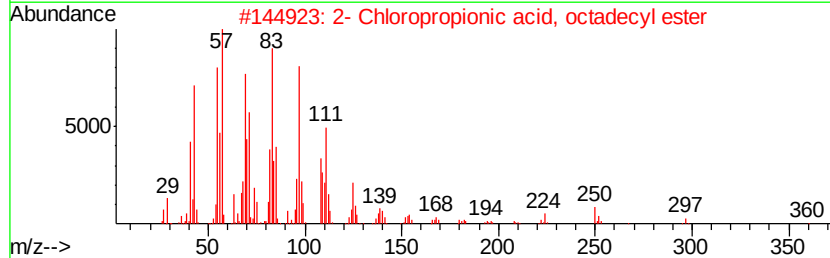
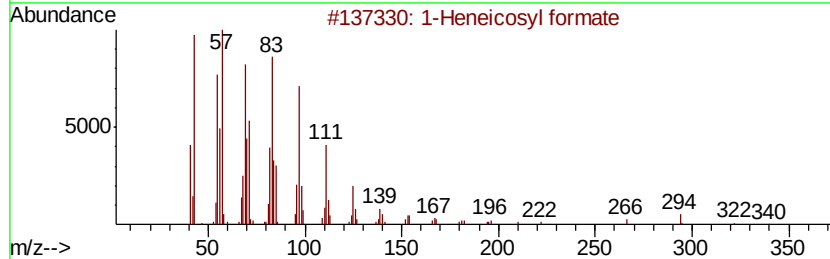
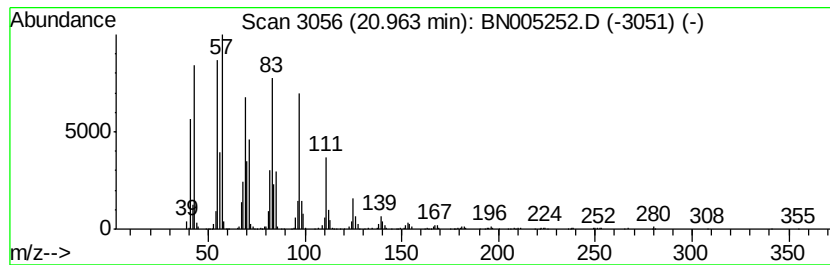
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	11.23 ng/ul	2407410	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
2	2- Chloropropionic acid, octadec...	360 C21H41ClO2	088104-31-8	91
3	1-Docosene	308 C22H44	001599-67-3	91
4	10-Heneicosene (c,t)	294 C21H42	095008-11-0	91
5	Cyclotetracosane	336 C24H48	000297-03-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005252.D
Acq On : 24 Apr 2019 15:49
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Sample : K2403-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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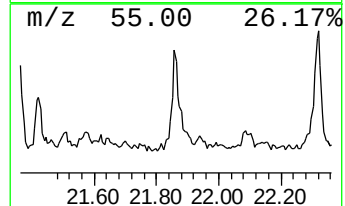
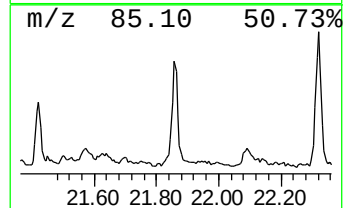
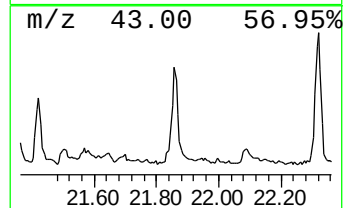
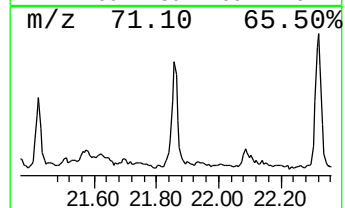
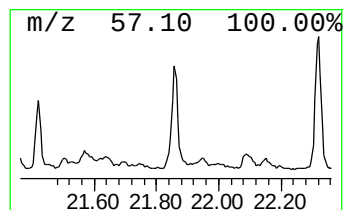
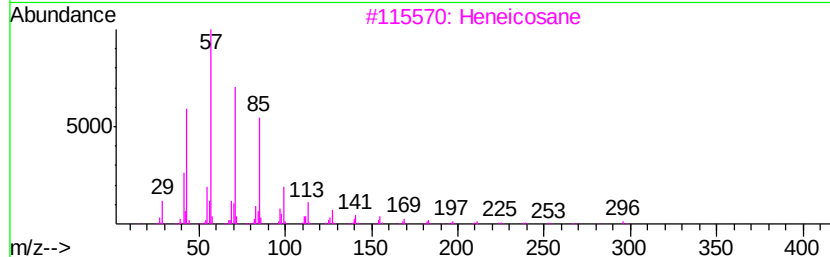
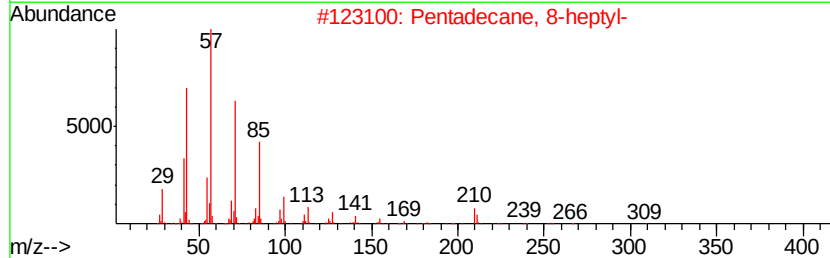
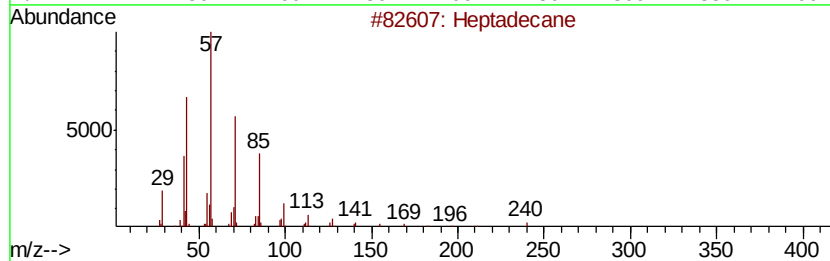
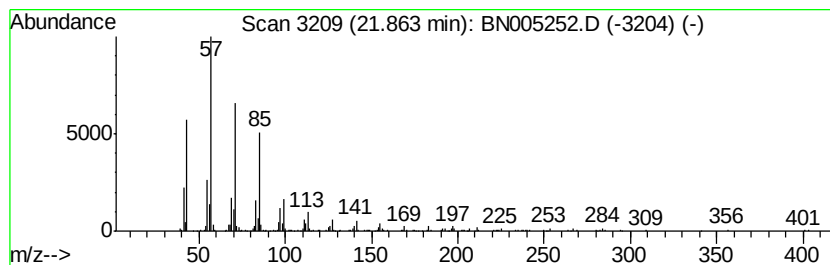
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	2.76 ng/ul	592688	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	91
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005252.D
Acq On : 24 Apr 2019 15:49
Operator : JU/SJ
Sample : K2403-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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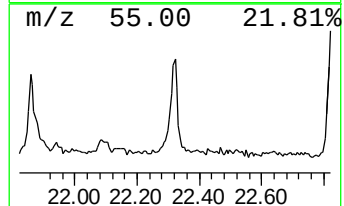
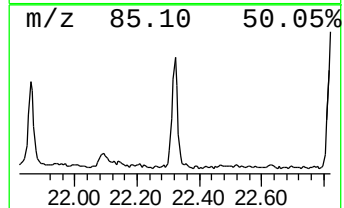
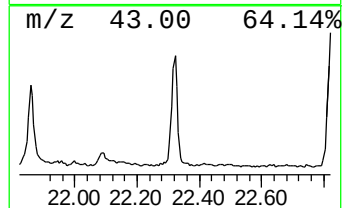
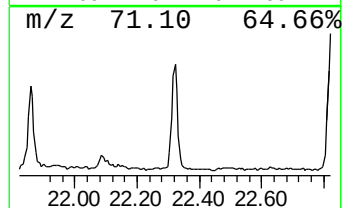
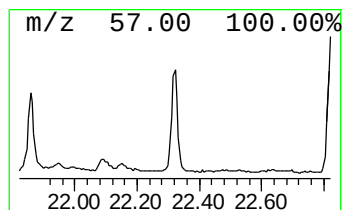
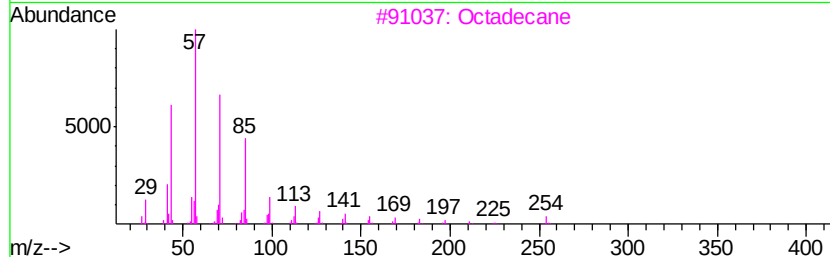
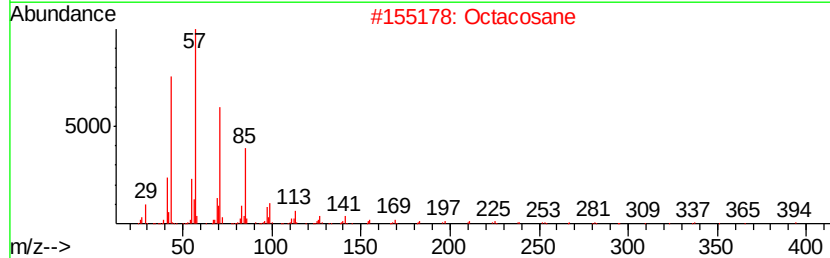
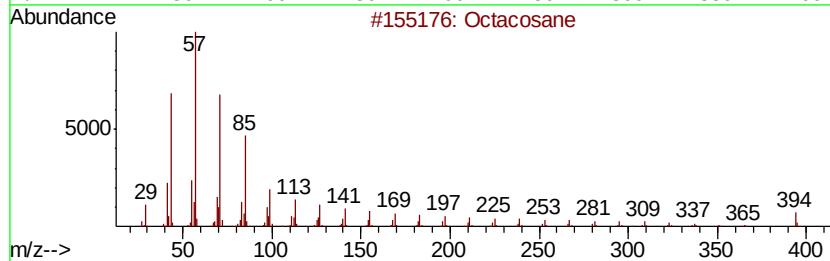
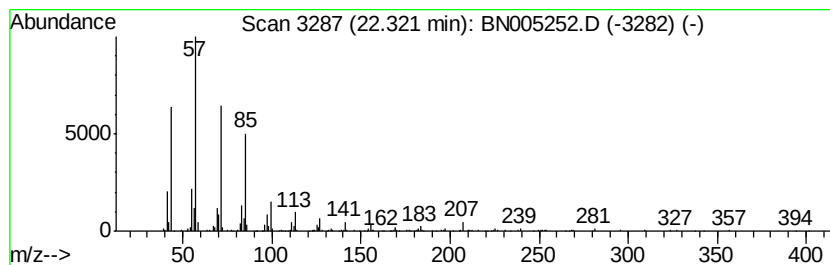
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.76 ng/ul	805841	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	95
2		Octacosane	394	C28H58	000630-02-4	94
3		Octadecane	254	C18H38	000593-45-3	94
4		Docosane	310	C22H46	000629-97-0	91
5		Octadecane	254	C18H38	000593-45-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005252.D
Acq On : 24 Apr 2019 15:49
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Sample : K2403-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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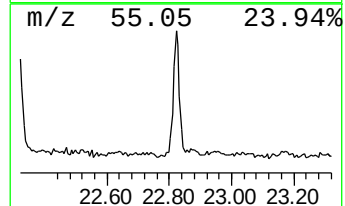
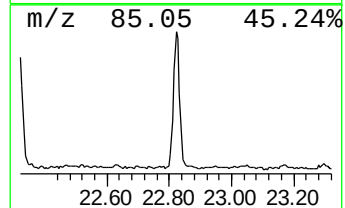
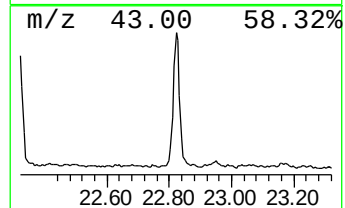
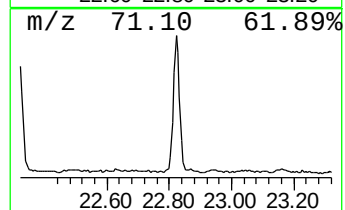
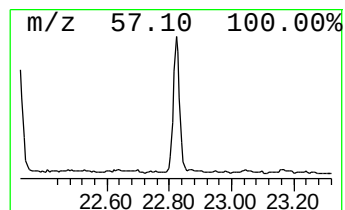
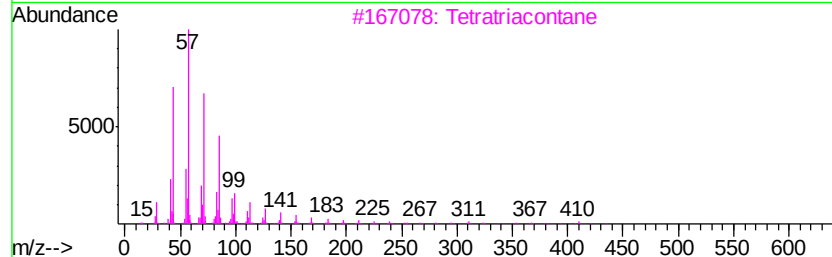
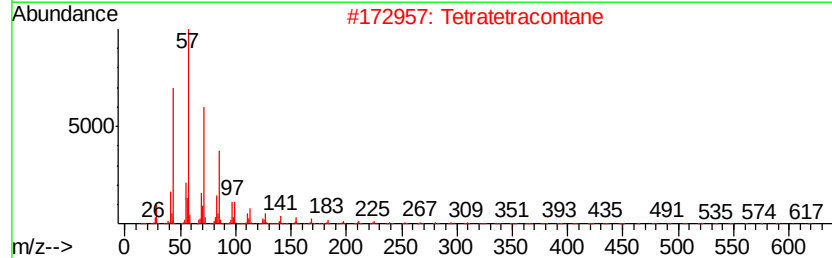
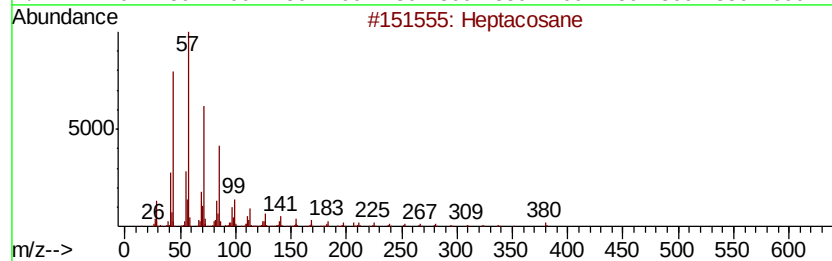
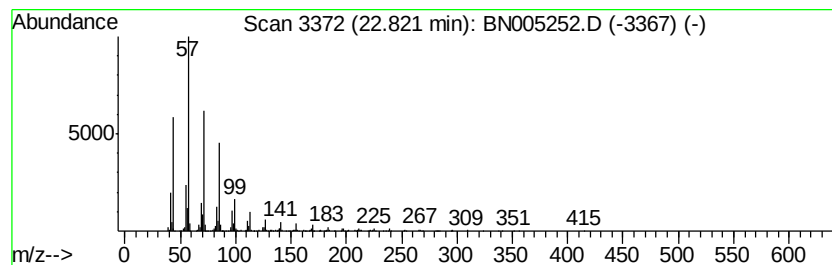
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	5.13 ng/ul	1046190	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentacosane	352	C25H52	000629-99-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005252.D
Acq On : 24 Apr 2019 15:49
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Sample : K2403-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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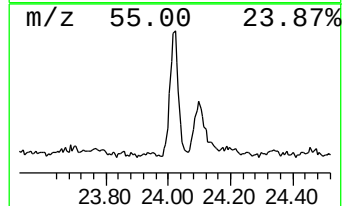
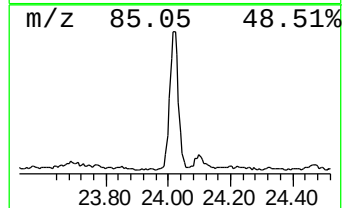
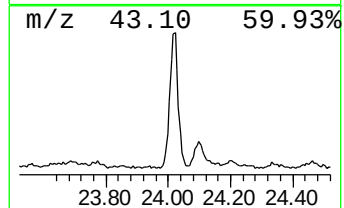
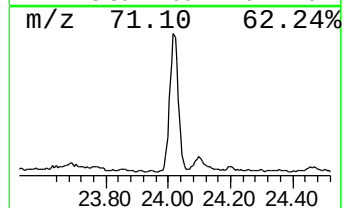
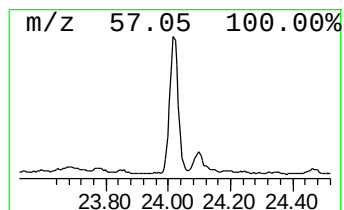
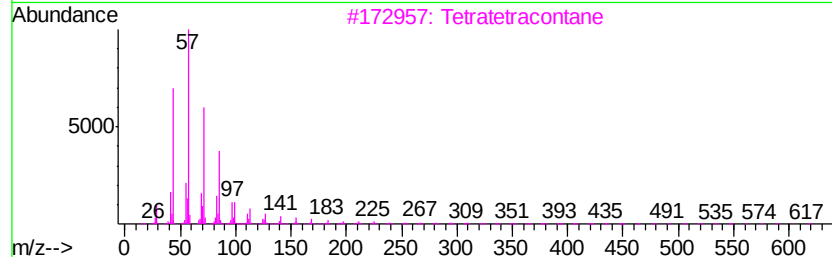
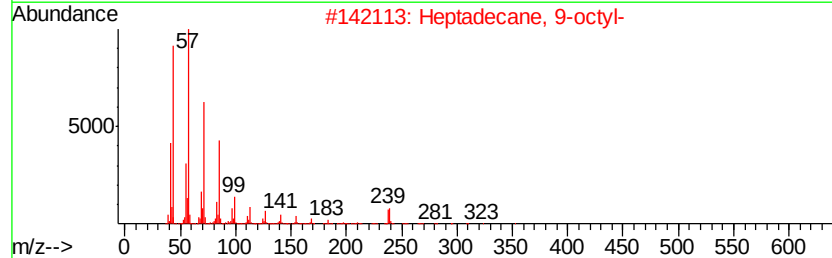
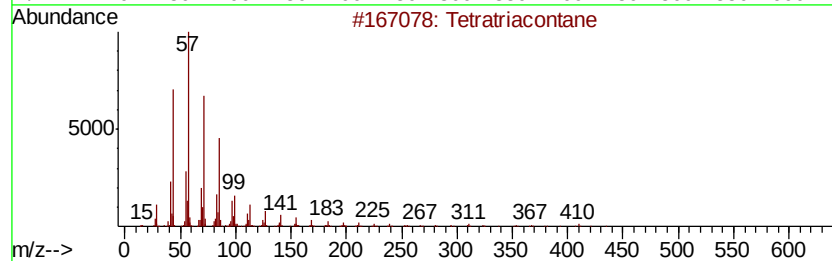
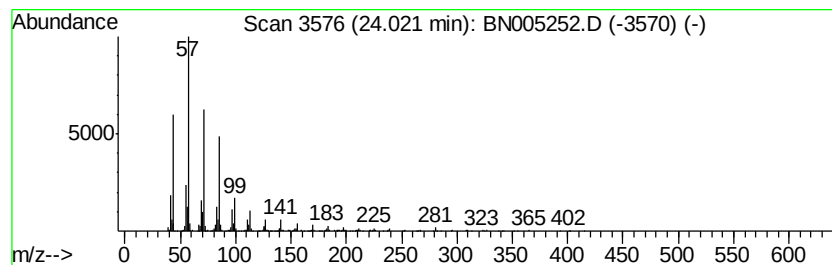
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	6.18 ng/ul	1259650	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	91
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005252.D
Acq On : 24 Apr 2019 15:49
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
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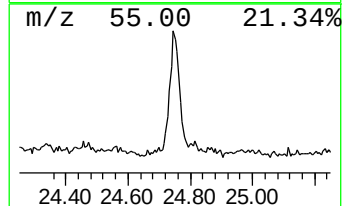
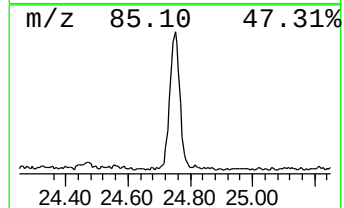
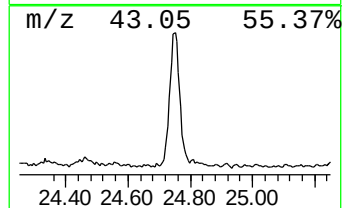
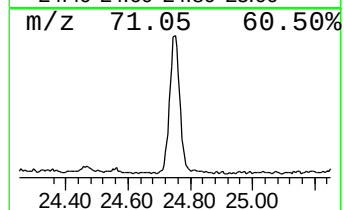
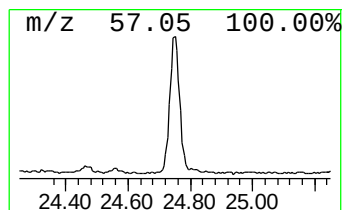
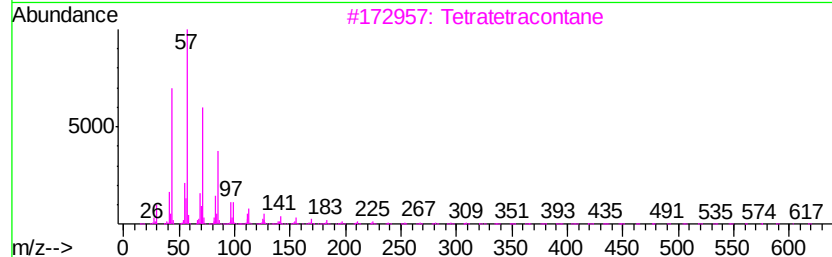
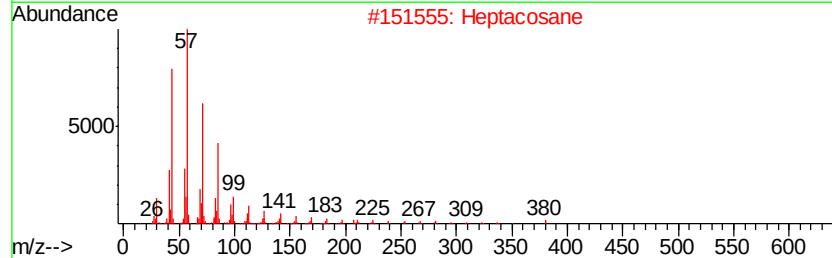
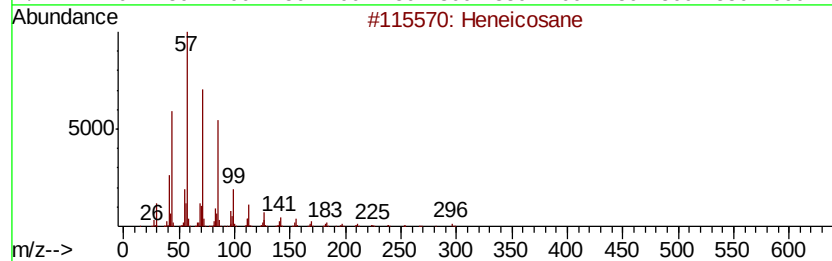
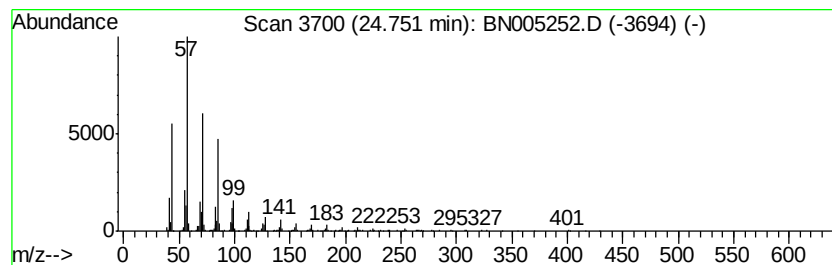
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.75	5.20 ng/ul	1059780	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Tetratetracontane	619	C44H90	007098-22-8	91
4		Nonacosane	408	C29H60	000630-03-5	91
5		Octacosane	394	C28H58	000630-02-4	91



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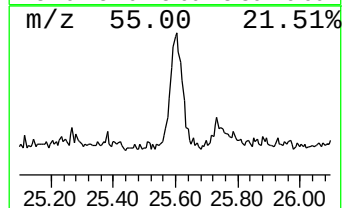
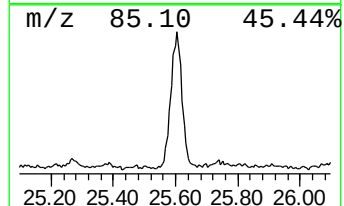
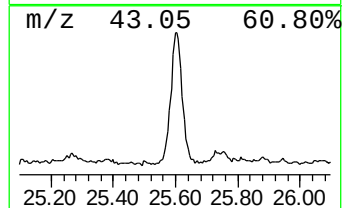
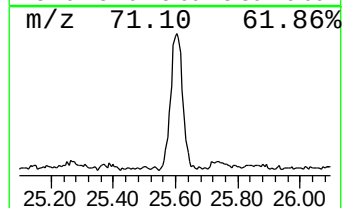
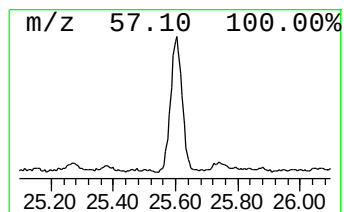
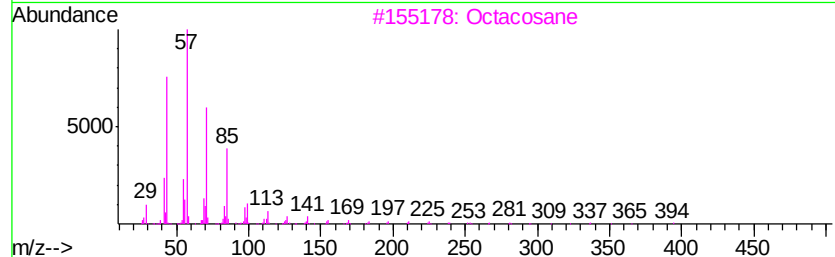
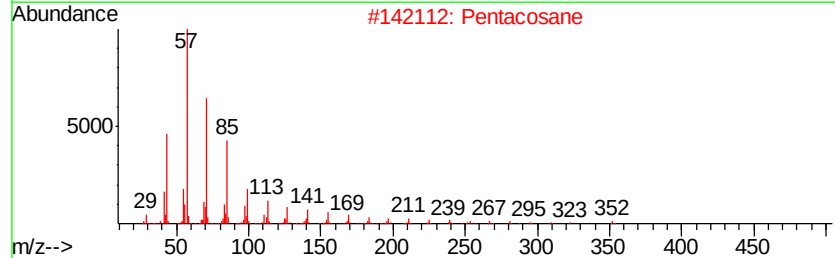
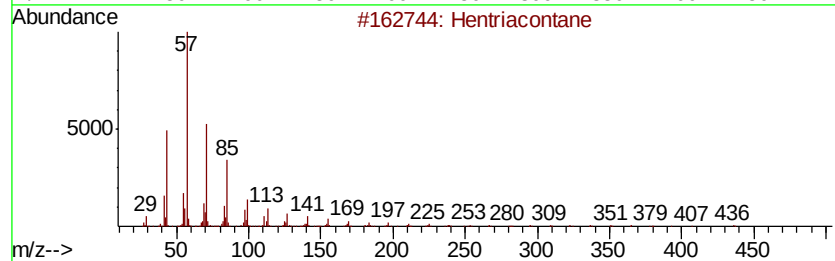
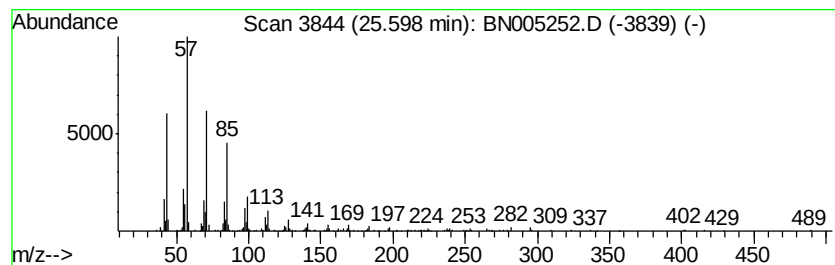
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	4.38 ng/ul	893599	Perylene-d12	23.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Pentacosane	352	C25H52	000629-99-2	90
3			Octacosane	394	C28H58	000630-02-4	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005252.D
Acq On : 24 Apr 2019 15:49
Operator : JU/SJ
Sample : K2403-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A5127

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.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
n-Hexadecanoic acid	17.92	9.9	ng/ul	2536660	4	16.98	5128450	20.0
Octadecanoic acid	19.21	4.8	ng/ul	1026830	5	21.22	4288790	20.0
9-Octadecenamide,...	20.36	9.0	ng/ul	1924780	5	21.22	4288790	20.0
1-Heneicosyl formate	20.96	11.2	ng/ul	2407410	5	21.22	4288790	20.0
(DEL) Alkane: Str...	21.86	2.8	ng/ul	592688	5	21.22	4288790	20.0
(DEL) Alkane: Str...	22.32	3.8	ng/ul	805841	5	21.22	4288790	20.0
(DEL) Alkane: Str...	22.82	5.1	ng/ul	1046190	6	23.43	4079620	20.0
(DEL) Alkane: Str...	24.02	6.2	ng/ul	1259650	6	23.43	4079620	20.0
(DEL) Alkane: Str...	24.75	5.2	ng/ul	1059780	6	23.43	4079620	20.0
(DEL) Alkane: Str...	25.60	4.4	ng/ul	893599	6	23.43	4079620	20.0