

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042010.D
 Acq On : 6 Aug 2019 23:34
 Operator : HP/JU
 Sample : K4028-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENR0

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_G\METHODS\SOM-EPA-BG080319MA.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	3.141	5	9	24	rVB	1059984	1682476	100.00%	7.770%
2	3.934	142	144	149	rVB7	2073	2691	0.16%	0.012%
3	4.075	164	168	173	rVB3	8175	12006	0.71%	0.055%
4	4.175	180	185	189	rVB	14274	21475	1.28%	0.099%
5	5.104	338	343	347	rVB4	1777	3568	0.21%	0.016%
6	6.426	563	568	578	rBV2	25709	43812	2.60%	0.202%
7	7.178	689	696	707	rBV	94565	200560	11.92%	0.926%
8	7.342	717	724	734	rBV	81756	142707	8.48%	0.659%
9	7.407	734	735	742	rVB4	1459	1687	0.10%	0.008%
10	7.554	752	760	772	rBV	110731	205153	12.19%	0.947%
11	8.024	833	840	849	rBV	190875	335426	19.94%	1.549%
12	8.735	953	961	977	rBV2	112174	232972	13.85%	1.076%
13	8.858	978	982	988	rVB5	2552	5072	0.30%	0.023%
14	8.987	999	1004	1006	rBV2	1046	1871	0.11%	0.009%
15	9.193	1030	1039	1051	rBV	104378	198521	11.80%	0.917%
16	9.645	1113	1116	1118	rVB4	1846	1783	0.11%	0.008%
17	9.921	1156	1163	1172	rBV2	87231	170844	10.15%	0.789%
18	10.468	1248	1256	1269	rBV	134833	290327	17.26%	1.341%
19	10.850	1308	1321	1334	rBV	296633	528927	31.44%	2.443%
20	10.985	1336	1344	1364	rBV	84434	200417	11.91%	0.926%
21	12.389	1578	1583	1586	rBV2	1879	2774	0.16%	0.013%
22	12.448	1588	1593	1598	rVB3	2981	4605	0.27%	0.021%
23	13.047	1692	1695	1700	rBV3	2009	3067	0.18%	0.014%
24	13.294	1732	1737	1738	rBV	2020	2653	0.16%	0.012%
25	13.582	1780	1786	1791	rBV3	1511	2737	0.16%	0.013%
26	13.964	1848	1851	1853	rBV3	1355	1801	0.11%	0.008%
27	14.081	1865	1871	1876	rBV	369528	567686	33.74%	2.622%
28	14.128	1876	1879	1890	rVV	189444	298864	17.76%	1.380%
29	14.375	1913	1921	1933	rBV	432910	685386	40.74%	3.165%
30	14.686	1967	1974	1982	rBV	568163	877871	52.18%	4.054%
31	14.827	1993	1998	2000	rBV	8061	10695	0.64%	0.049%
32	14.874	2000	2006	2015	rVV	65236	143479	8.53%	0.663%
33	14.939	2015	2017	2019	rVB3	2975	2872	0.17%	0.013%
34	15.098	2039	2044	2048	rBV4	4314	6329	0.38%	0.029%

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35	15.486	2105	2110	2115	rBV4	4993	7258	0.43%	0.034%
36	15.538	2117	2119	2123	rVB	2902	3090	0.18%	0.014%
37	15.679	2136	2143	2157	rBV	607277	923262	54.88%	4.264%
38	15.791	2157	2162	2175	rBV2	115800	206480	12.27%	0.954%
39	15.920	2180	2184	2190	rVB6	7777	11827	0.70%	0.055%
40	16.038	2201	2204	2208	rVB4	1881	2499	0.15%	0.012%
41	16.396	2262	2265	2268	rBV3	2707	4370	0.26%	0.020%
42	16.431	2268	2271	2273	rVV4	3733	4547	0.27%	0.021%
43	16.467	2273	2277	2281	rVB3	3221	4748	0.28%	0.022%
44	16.567	2290	2294	2297	rBV5	2034	3218	0.19%	0.015%
45	16.925	2349	2355	2357	rBV4	1588	2594	0.15%	0.012%
46	17.025	2366	2372	2373	rVV4	2061	3502	0.21%	0.016%
47	17.137	2389	2391	2398	rVV4	2993	3854	0.23%	0.018%
48	17.195	2398	2401	2404	rVV4	2919	3758	0.22%	0.017%
49	17.225	2404	2406	2408	rVV2	2617	2411	0.14%	0.011%
50	17.354	2424	2428	2431	rBV5	2268	3230	0.19%	0.015%
51	17.436	2435	2442	2452	rBV2	791602	1208006	71.80%	5.579%
52	17.536	2452	2459	2470	rVV	679416	1064536	63.27%	4.916%
53	17.724	2487	2491	2495	rVB3	1418	2063	0.12%	0.010%
54	17.941	2522	2528	2531	rBV5	3065	4238	0.25%	0.020%
55	18.112	2552	2557	2561	rVB6	2135	3354	0.20%	0.015%
56	18.218	2569	2575	2576	rBV5	2438	3825	0.23%	0.018%
57	18.341	2590	2596	2605	rBV6	19659	55614	3.31%	0.257%
58	18.564	2631	2634	2636	rBV4	1224	1733	0.10%	0.008%
59	18.594	2636	2639	2642	rVV4	1632	2374	0.14%	0.011%
60	18.629	2642	2645	2653	rVV3	9836	14606	0.87%	0.067%
61	18.817	2674	2677	2678	rBV2	1572	1845	0.11%	0.009%
62	18.882	2687	2688	2691	rVV3	2167	1821	0.11%	0.008%
63	18.911	2691	2693	2695	rVV2	1506	1988	0.12%	0.009%
64	19.158	2734	2735	2738	rBV3	1651	1868	0.11%	0.009%
65	19.258	2747	2752	2756	rBV	27384	34975	2.08%	0.162%
66	19.457	2783	2786	2790	rBV2	8355	13946	0.83%	0.064%
67	19.716	2826	2830	2833	rVB2	5693	6913	0.41%	0.032%
68	19.822	2842	2848	2858	rBV	920289	1384373	82.28%	6.393%
69	20.315	2930	2932	2934	rBV3	4170	3875	0.23%	0.018%
70	20.362	2934	2940	2943	rBV4	28942	52105	3.10%	0.241%
71	20.591	2977	2979	2982	rVB4	2634	1976	0.12%	0.009%

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72	20.721	2998	3001	3004	rBV5	5069	8476	0.50%	0.039%
73	20.862	3019	3025	3030	rBV4	17103	24438	1.45%	0.113%
74	21.044	3053	3056	3061	rVB6	8055	11667	0.69%	0.054%
75	21.367	3105	3111	3122	rBV	138954	303740	18.05%	1.403%
76	21.719	3161	3171	3184	rBV2	833182	1429751	84.98%	6.603%
77	21.925	3200	3206	3211	rBV4	35623	61624	3.66%	0.285%
78	22.172	3244	3248	3255	rVB6	25877	39501	2.35%	0.182%
79	22.548	3305	3312	3322	rBV	318159	572197	34.01%	2.642%
80	22.836	3359	3361	3366	rVB6	11547	17705	1.05%	0.082%
81	23.259	3426	3433	3440	rVB	70476	138119	8.21%	0.638%
82	23.453	3460	3466	3471	rBV	35735	73480	4.37%	0.339%
83	23.605	3487	3492	3507	rVB2	102013	253089	15.04%	1.169%
84	24.087	3564	3574	3581	rBV	353149	804821	47.84%	3.717%
85	24.152	3581	3585	3590	rVV8	14627	33920	2.02%	0.157%
86	24.516	3641	3647	3656	rVB8	23841	55750	3.31%	0.257%
87	24.757	3678	3688	3702	rVB	472460	1342019	79.76%	6.198%
88	24.986	3715	3727	3735	rBV2	525651	1511562	89.84%	6.981%
89	25.585	3820	3829	3839	rVB3	113666	329408	19.58%	1.521%
90	26.220	3928	3937	3949	rVB2	59352	193458	11.50%	0.893%
91	26.367	3955	3962	3964	rBV7	15660	35594	2.12%	0.164%
92	26.866	4038	4047	4062	rVB7	43493	141629	8.42%	0.654%
93	28.106	4256	4258	4261	rVB3	5384	4973	0.30%	0.023%
94	28.417	4298	4311	4330	rVB5	272644	1104931	65.67%	5.103%
95	28.876	4380	4389	4402	rVB5	57279	227183	13.50%	1.049%
96	30.456	4648	4658	4660	rBV7	46351	120239	7.15%	0.555%
97	31.437	4807	4825	4841	rBV10	132289	864750	51.40%	3.994%

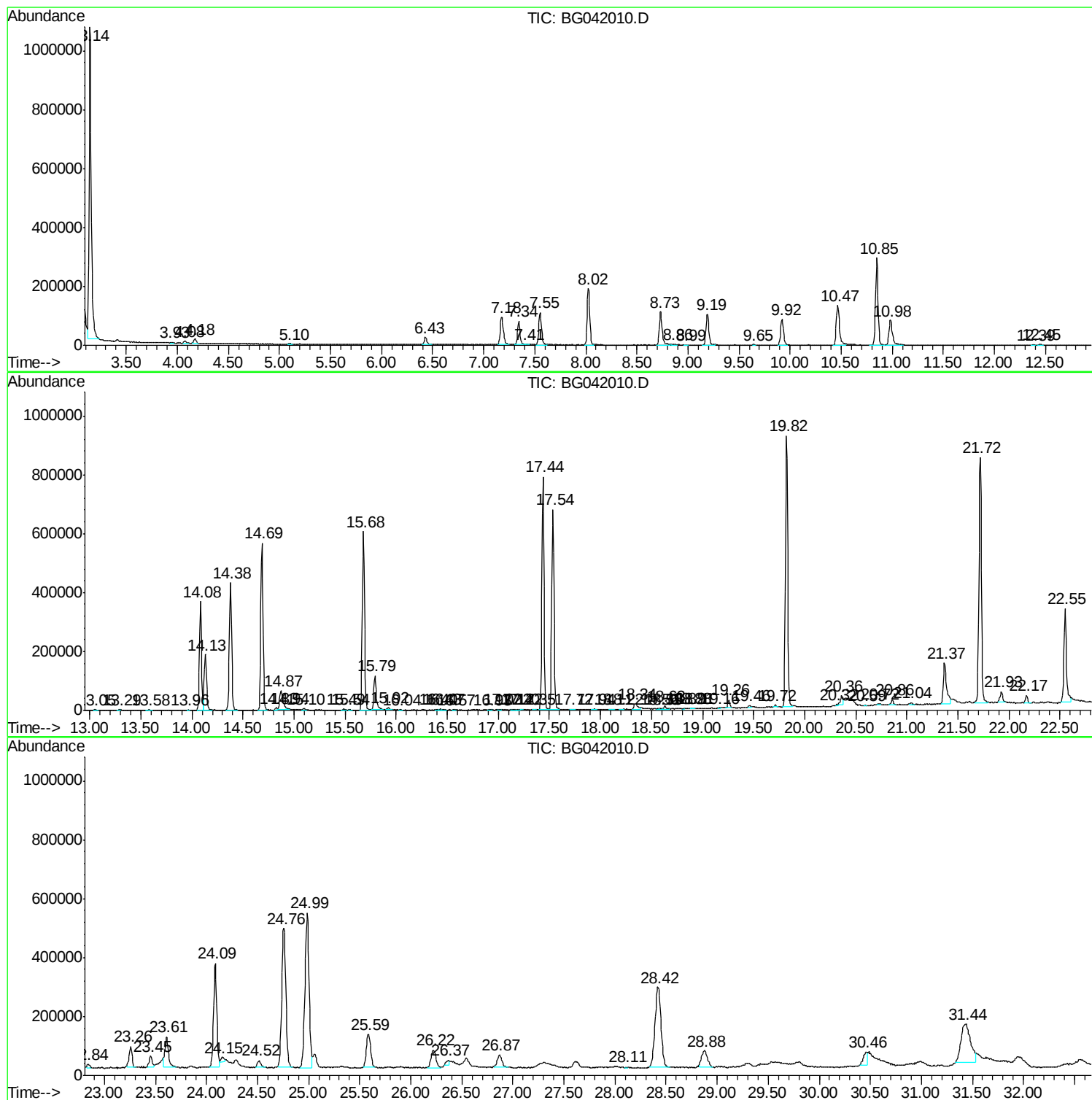
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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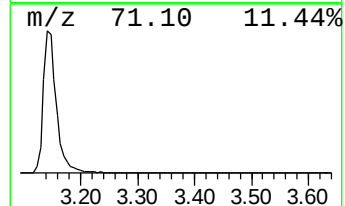
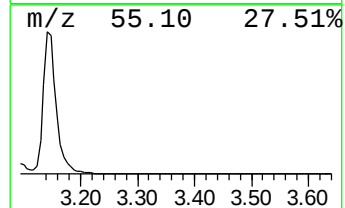
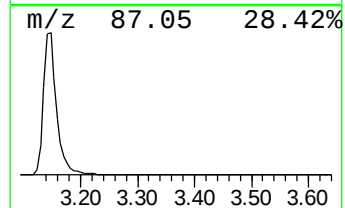
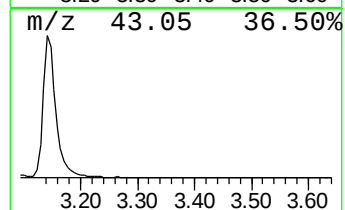
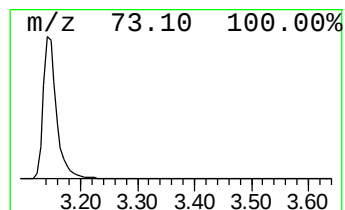
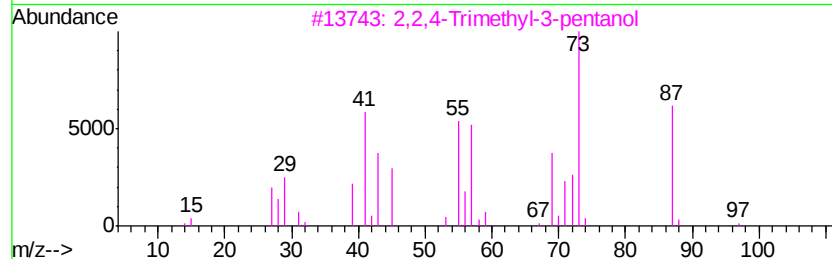
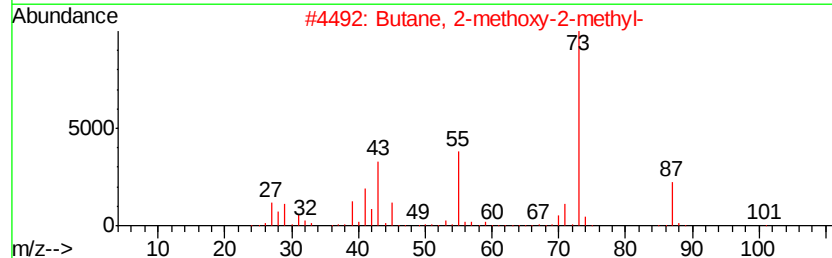
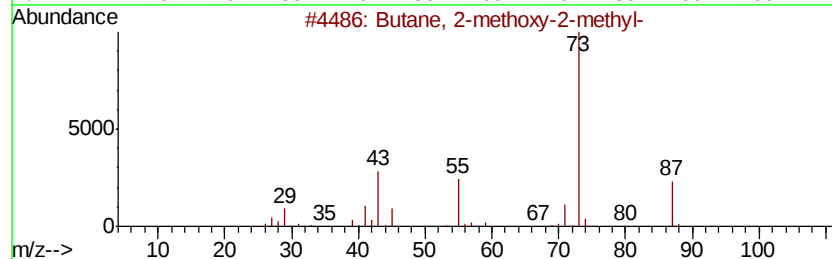
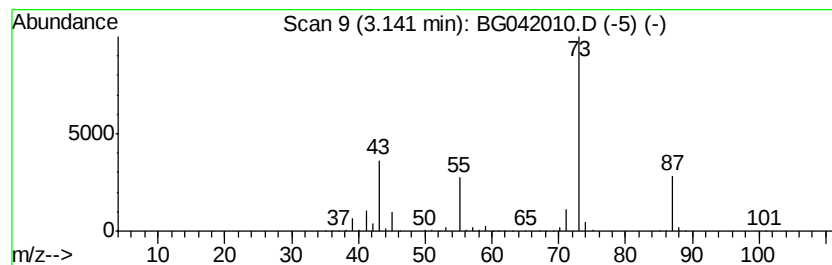
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	100.32 ng/ul	1682480	1,4-Dichlorobenzene-d4	8.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23



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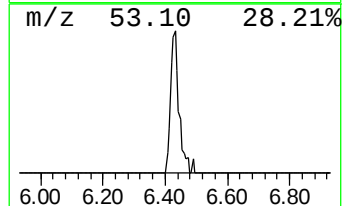
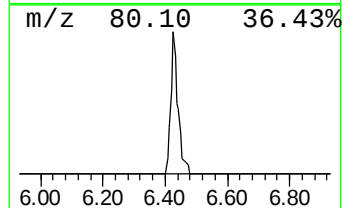
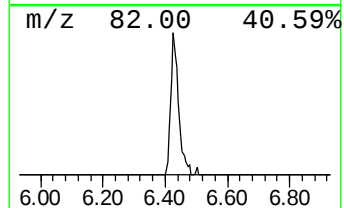
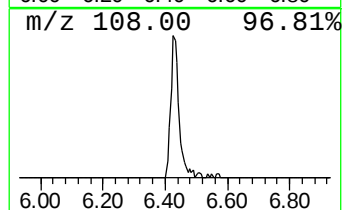
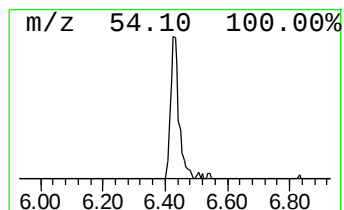
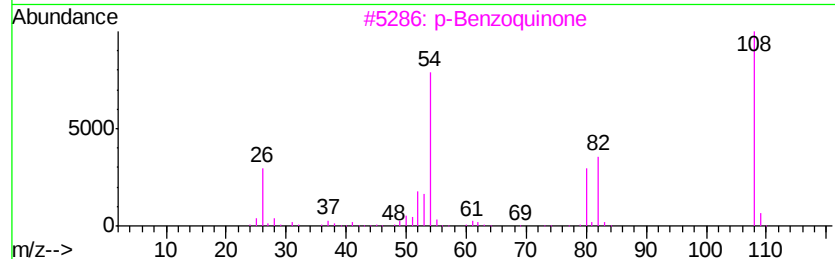
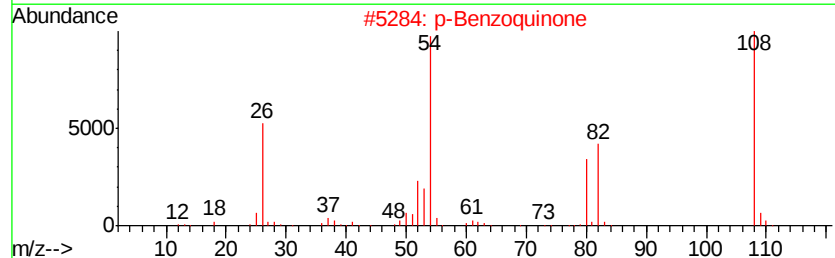
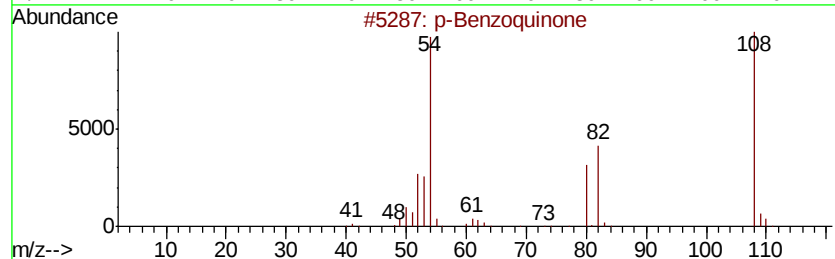
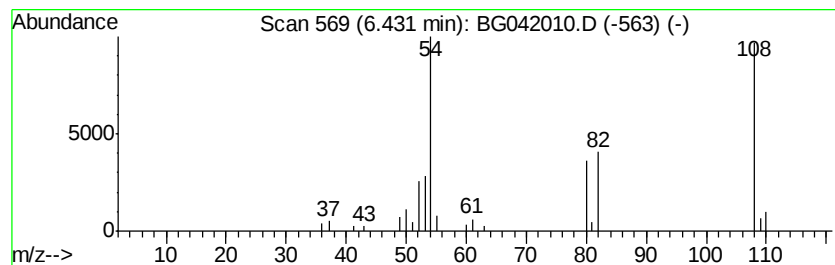
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 p-Benzoquinone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	2.61 ng/ul	43812	1,4-Dichlorobenzene-d4	8.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			p-Benzoquinone	108	C6H4O2	000106-51-4	95
2			p-Benzoquinone	108	C6H4O2	000106-51-4	94
3			p-Benzoquinone	108	C6H4O2	000106-51-4	91
4			p-Benzoquinone	108	C6H4O2	000106-51-4	91
5			2-Butyne	54	C4H6	000503-17-3	37



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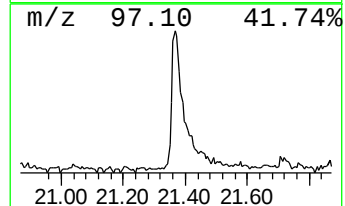
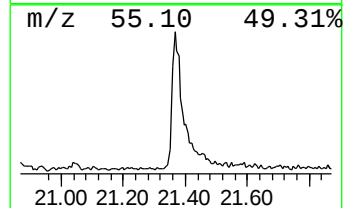
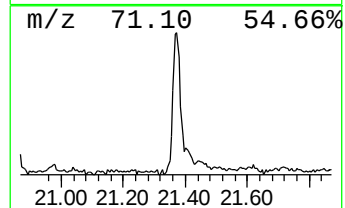
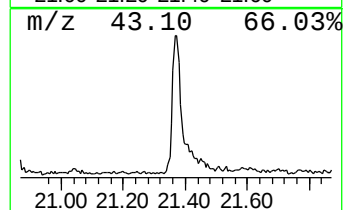
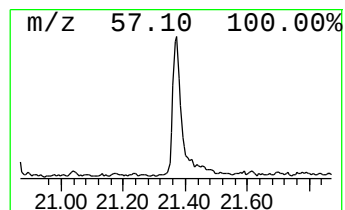
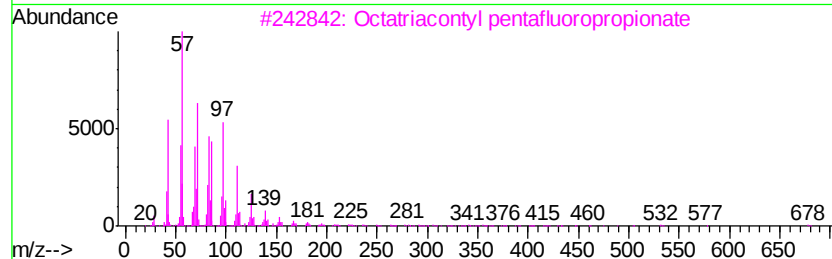
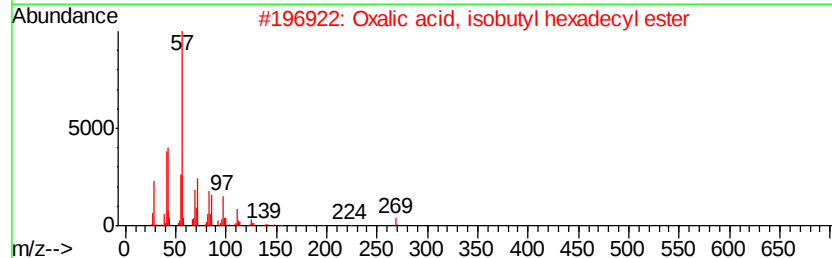
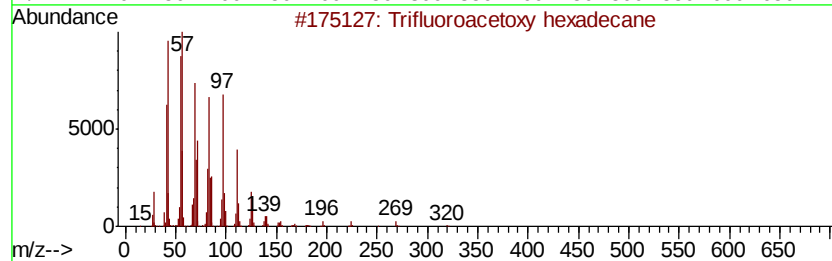
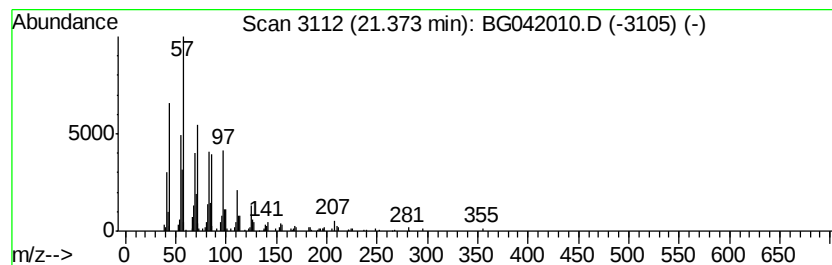
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Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	4.25 ng/ul	303740	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	92
2		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	91
4		Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	91
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
Operator : HP/JU
Sample : K4028-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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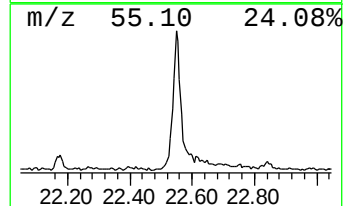
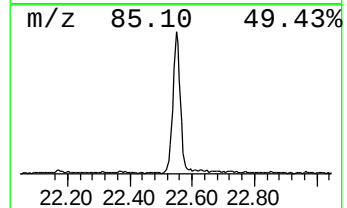
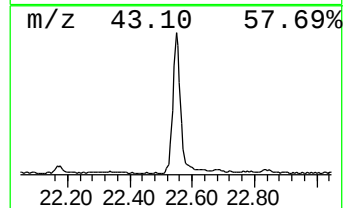
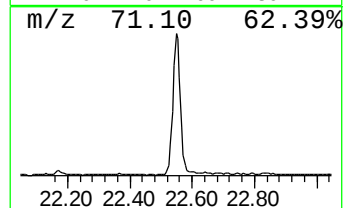
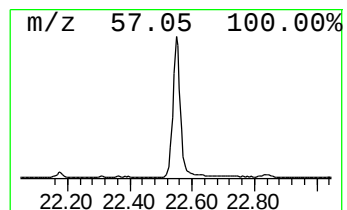
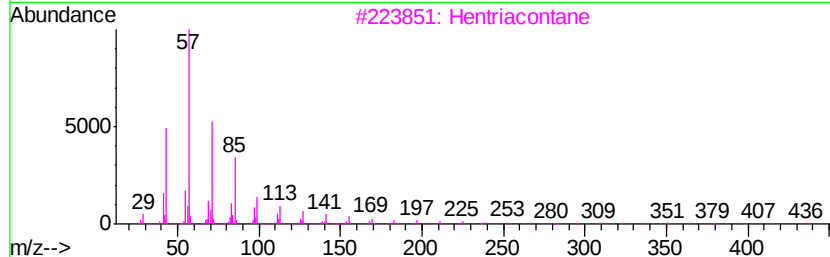
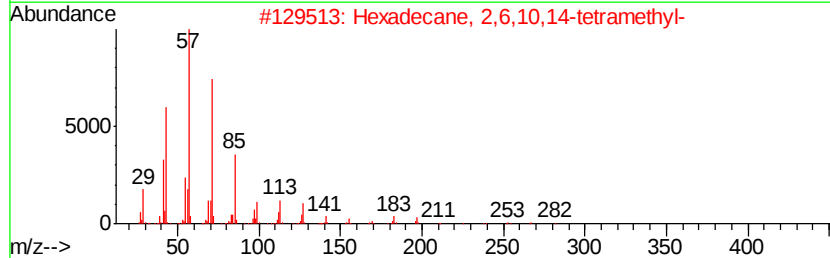
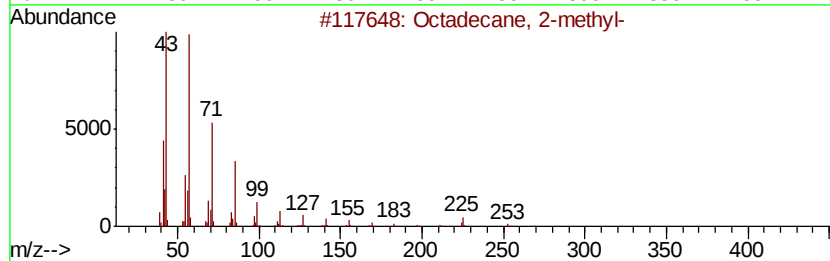
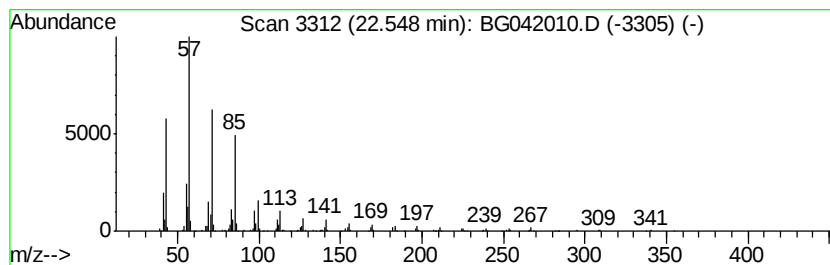
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	8.00 ng/ul	572197	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	92
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Docosane	310	C22H46	000629-97-0	91
5		2-methyloctacosane	408	C29H60	1000376-72-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
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Misc :
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Instrument :
BNA_G
ClientSampleId :
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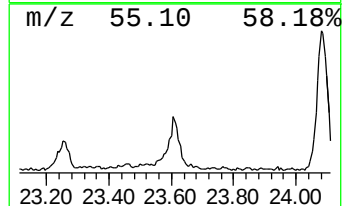
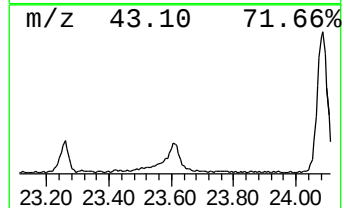
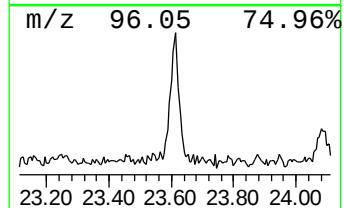
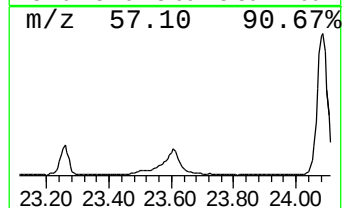
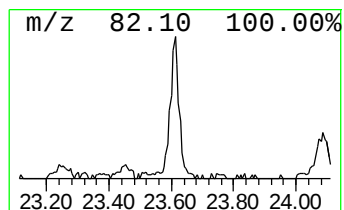
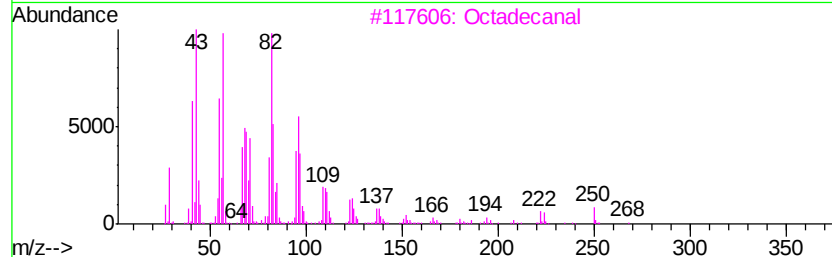
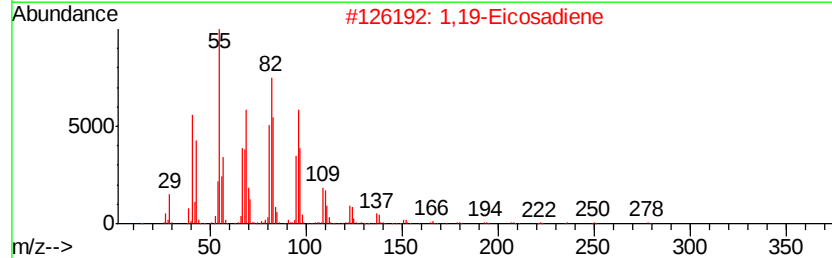
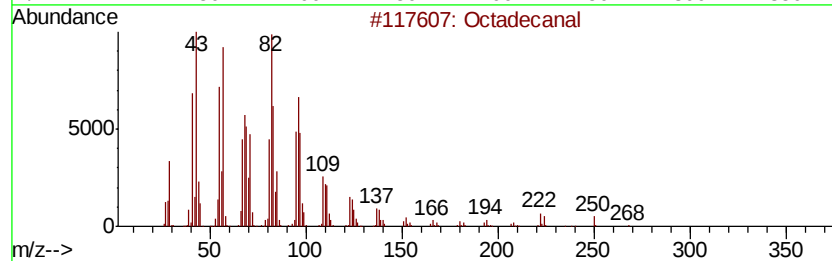
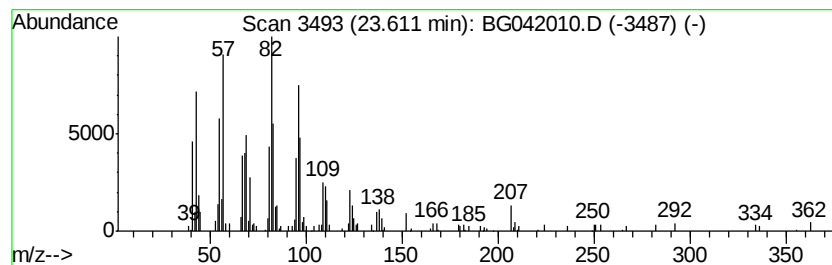
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	3.35 ng/ul	253089	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	83
2		1,19-Eicosadiene	278	C20H38	014811-95-1	83
3		Octadecanal	268	C18H36O	000638-66-4	80
4		Hexadecanal	240	C16H32O	000629-80-1	80
5		1,19-Eicosadiene	278	C20H38	014811-95-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
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Sample : K4028-15
Misc :
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Instrument :
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ClientSampleId :
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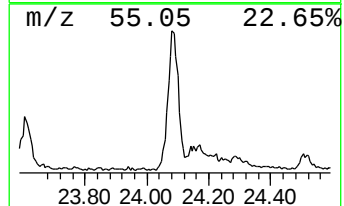
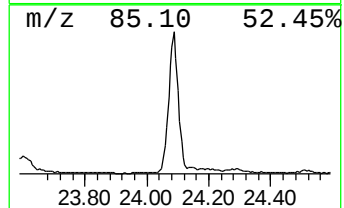
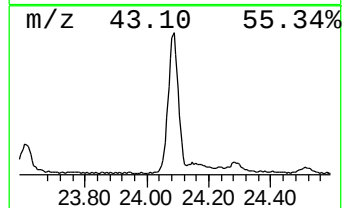
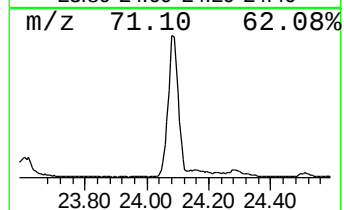
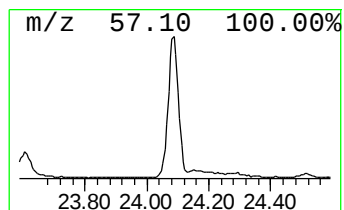
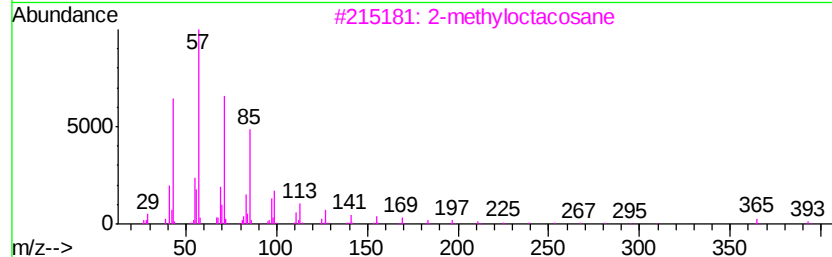
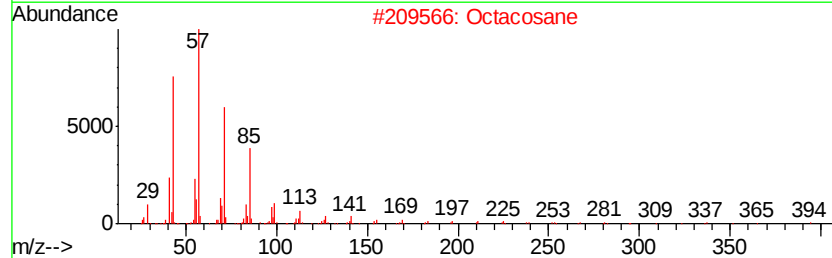
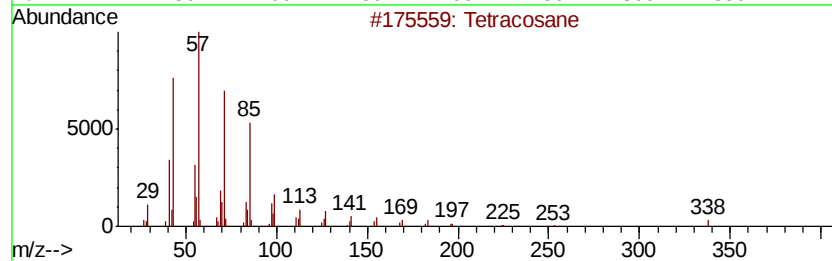
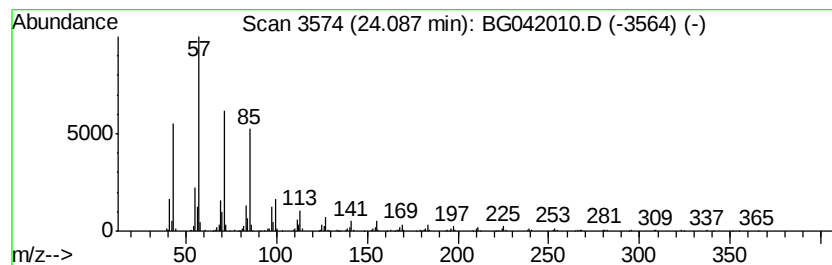
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	10.65 ng/ul	804821	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Octacosane	394	C28H58	000630-02-4	91
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
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Sample : K4028-15
Misc :
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Instrument :
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ClientSampleId :
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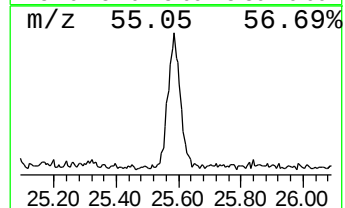
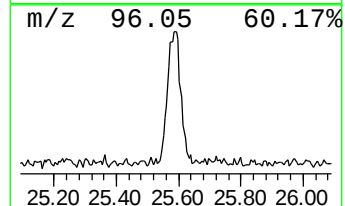
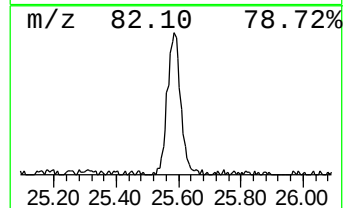
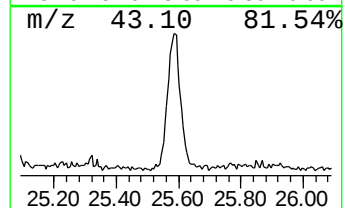
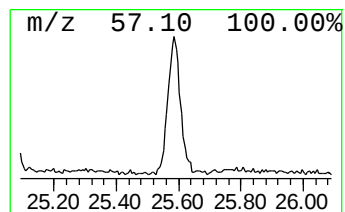
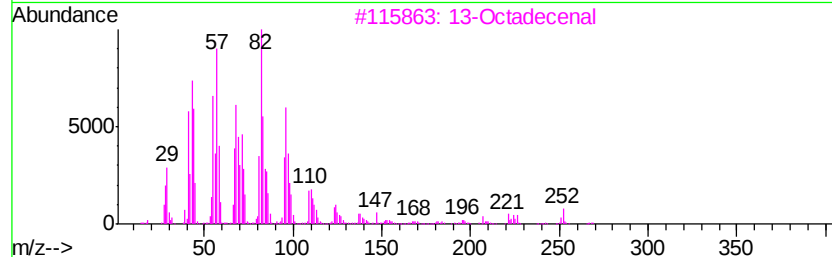
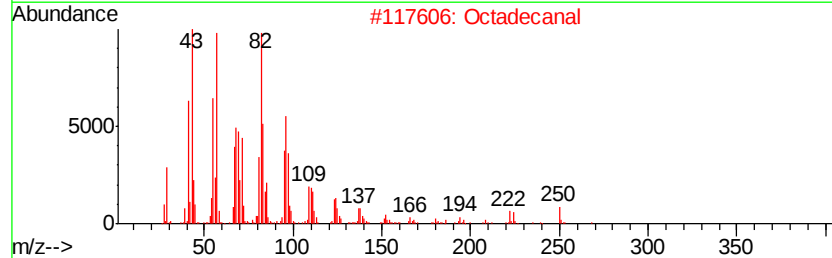
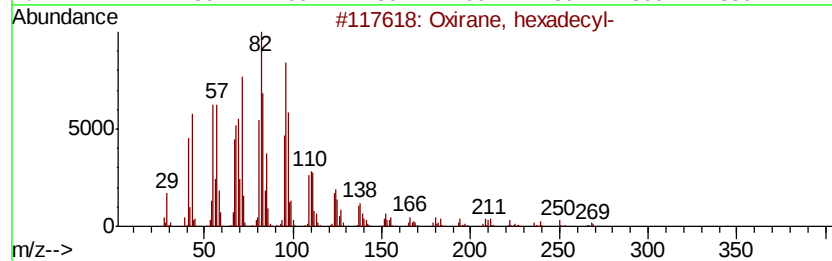
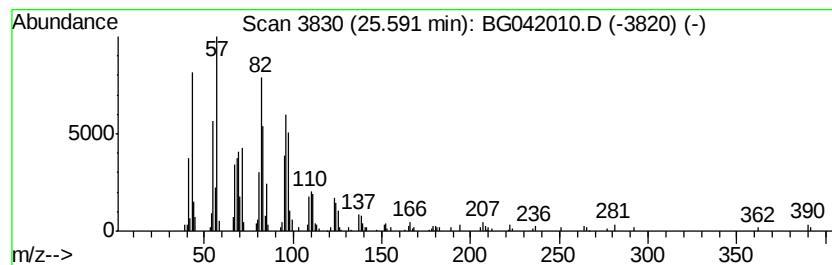
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
25.59	4.36 ng/ul	329408	Perylene-d12		24.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
2			Octadecanal	268	C18H36O	000638-66-4	90
3			13-Octadecenal	266	C18H34O	056554-90-6	90
4			Octadecanal	268	C18H36O	000638-66-4	87
5			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
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Sample : K4028-15
Misc :
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Instrument :
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ClientSampleId :
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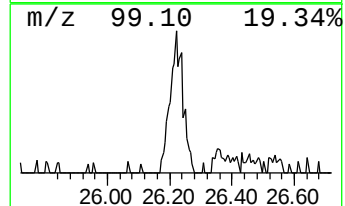
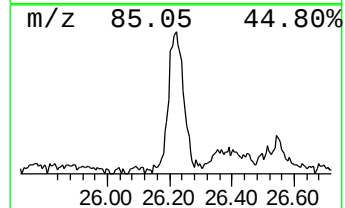
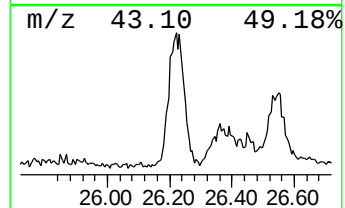
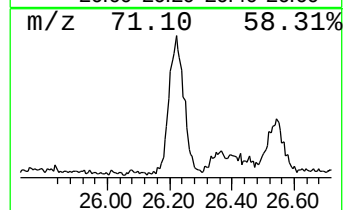
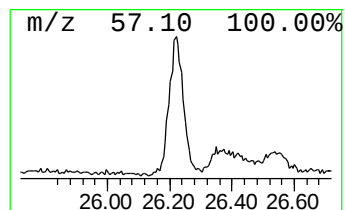
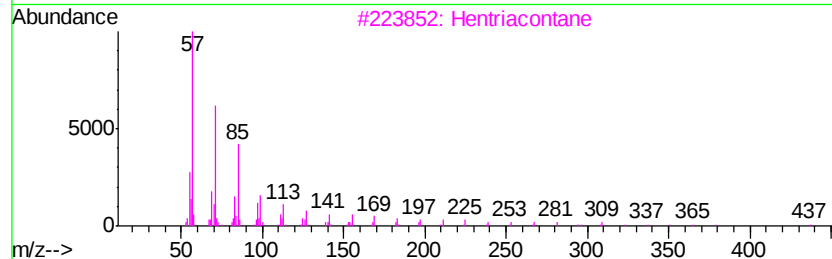
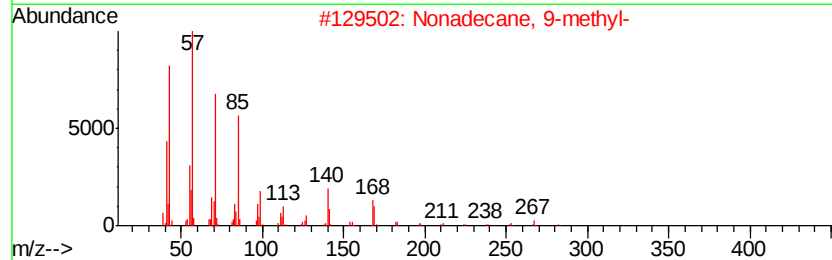
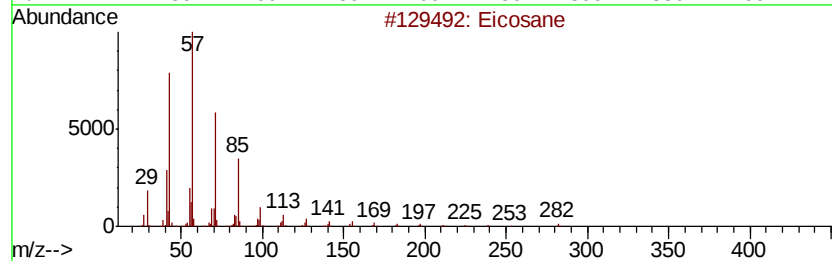
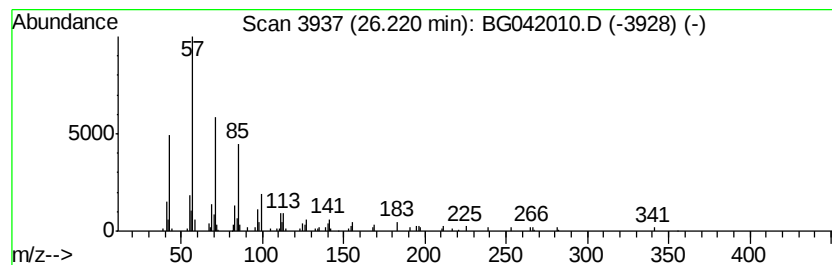
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	2.56 ng/ul	193458	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	94
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Hentriacontane	437	C31H64	000630-04-6	93
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hentriacontane	437	C31H64	000630-04-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
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ClientSampleId :
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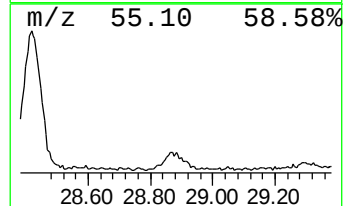
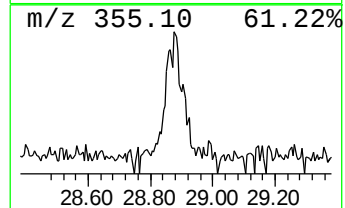
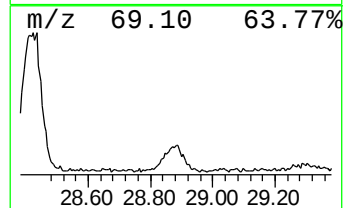
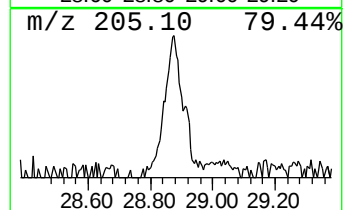
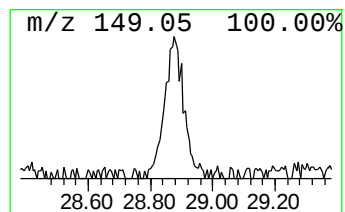
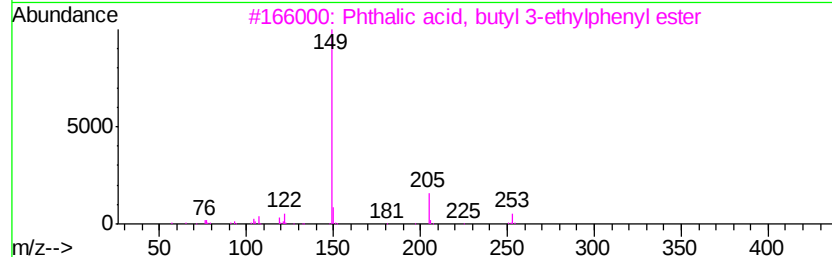
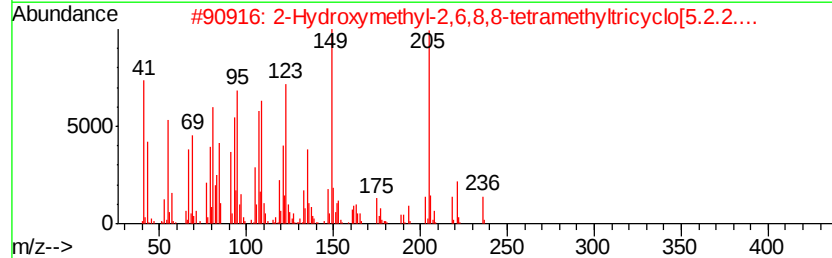
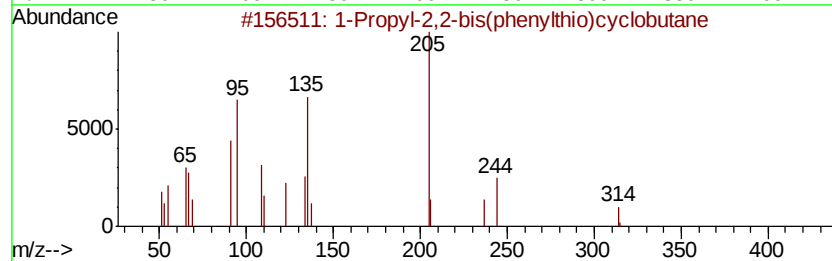
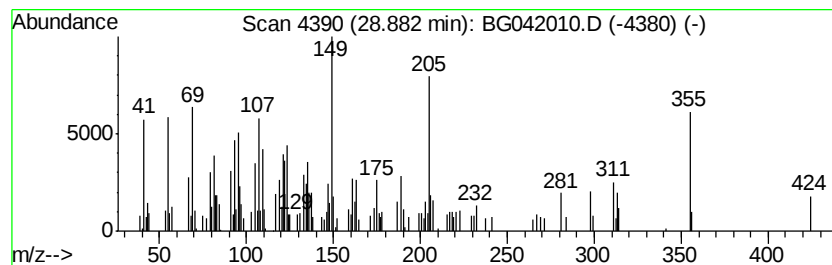
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1-Propyl-2,2-bis(phenylthio)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.88	3.01 ng/ul	227183	Perylene-d12	24.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propyl-2,2-bis(phenylthio)cycl...	314	C19H22S2	122732-89-2	68
2			2-Hydroxymethyl-2,6,8,8-tetramet...	236	C16H28O	137235-47-3	35
3			Phthalic acid, butyl 3-ethylphen...	326	C20H22O4	1000357-07-8	22
4			Isophthalic acid, butyl 3-methyl...	312	C19H20O4	1000344-51-7	22
5			2-(2-Isopropyl-5-methylphenoxy)-...	314	C18H22N2O3	339108-39-3	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
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Misc :
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ClientSampleId :
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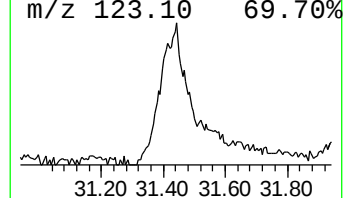
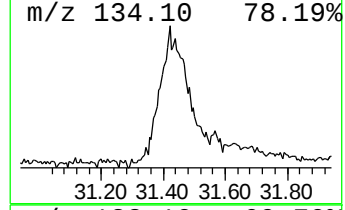
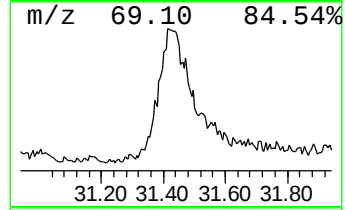
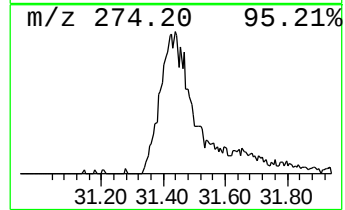
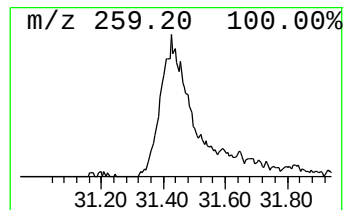
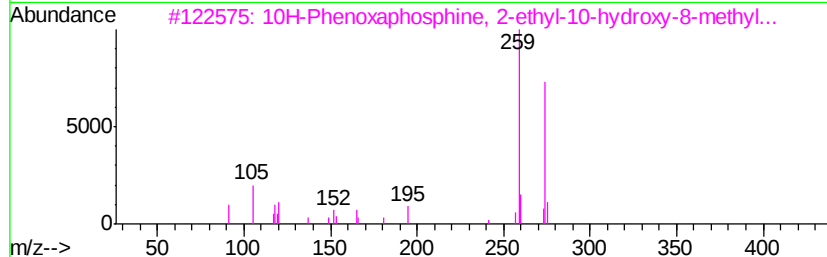
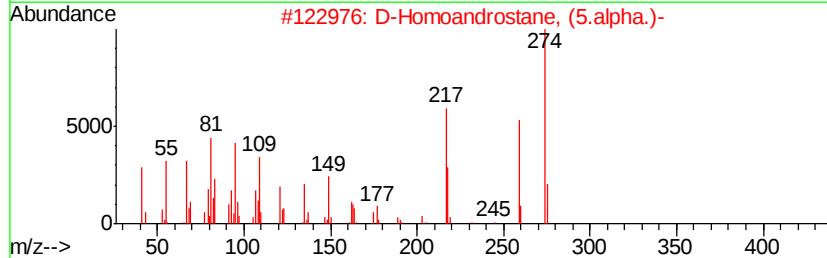
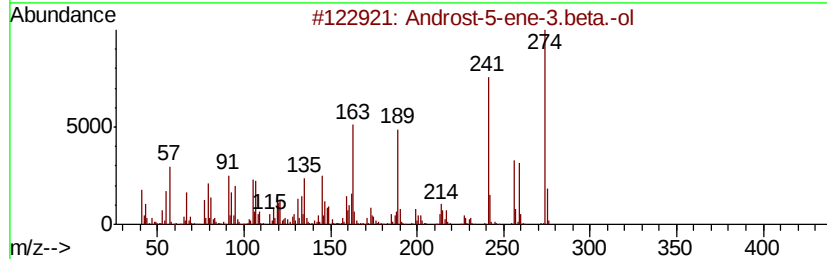
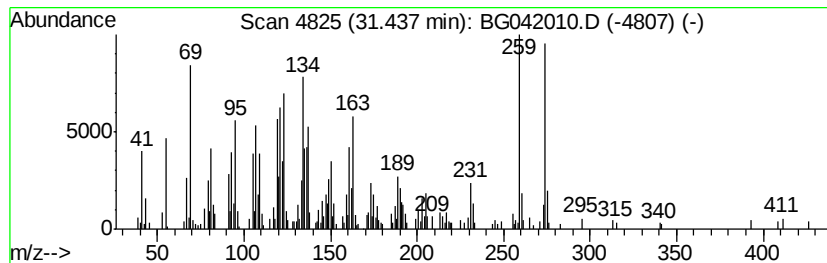
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Androst-5-ene-3.beta.-ol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.44	11.44 ng/ul	864750	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-5-ene-3.beta.-ol	274	C19H30O	001476-64-8	53
2		D-Homoandrostane, (5.alpha.)-	274	C20H34	035575-26-9	35
3		10H-Phenoxaphosphine, 2-ethyl-10...	274	C15H15O3P	036360-91-5	30
4		Androstan-4-one, (5.beta.)-	274	C19H30O	013583-71-6	22
5		(Azepan-2-ylidene)[5-(4-fluoroph...	274	C14H15FN4O	1000302-66-1	20



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080619\
Data File : BG042010.D
Acq On : 6 Aug 2019 23:34
Operator : HP/JU
Sample : K4028-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.14	100.3	ng/ul	1682480	1	8.02	335426	20.0
p-Benzoquinone	6.43	2.6	ng/ul	43812	1	8.02	335426	20.0
Trifluoroacetoxy ...	21.37	4.3	ng/ul	303740	5	21.72	1429750	20.0
(DEL) Alkane: Str...	22.55	8.0	ng/ul	572197	5	21.72	1429750	20.0
Octadecanal	23.61	3.4	ng/ul	253089	6	24.99	1511560	20.0
(DEL) Alkane: Str...	24.09	10.7	ng/ul	804821	6	24.99	1511560	20.0
Oxirane, hexadecyl-	25.59	4.4	ng/ul	329408	6	24.99	1511560	20.0
(DEL) Alkane: Str...	26.22	2.6	ng/ul	193458	6	24.99	1511560	20.0
1-Propyl-2,2-bis(...	28.88	3.0	ng/ul	227183	6	24.99	1511560	20.0
Androst-5-ene-3.b...	31.44	11.4	ng/ul	864750	6	24.99	1511560	20.0