

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
 Data File : BN001948.D
 Acq On : 03 Jul 2018 17:52
 Operator : JU/SJ
 Sample : J3721-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F1H20

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-BN061918.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	3.022	3	6	19	rVB	3725699	5286326	33.74%	2.264%
2	3.111	19	21	28	rVB2	38065	57306	0.37%	0.025%
3	3.270	44	48	57	rVB	112318	160968	1.03%	0.069%
4	3.769	129	133	140	rVB	103536	138893	0.89%	0.059%
5	5.828	478	483	492	rVB	26218	50027	0.32%	0.021%
6	6.881	655	662	680	rBV	2135420	3660050	23.36%	1.567%
7	7.052	684	691	703	rVV	1761264	2700475	17.24%	1.156%
8	7.246	717	724	734	rBV	2199251	3464615	22.11%	1.484%
9	7.710	796	803	811	rBV	2325066	3689642	23.55%	1.580%
10	8.246	888	894	899	rBV	29452	51410	0.33%	0.022%
11	8.410	911	922	934	rBV	2498413	4114063	26.26%	1.762%
12	8.857	990	998	1009	rBV	2106063	3522210	22.48%	1.508%
13	8.969	1012	1017	1022	rVV2	40241	65600	0.42%	0.028%
14	9.569	1110	1119	1135	rBV	1767832	2927044	18.68%	1.253%
15	10.104	1201	1210	1222	rBV	2851737	4707265	30.05%	2.016%
16	10.481	1266	1274	1282	rBV	3446617	5889493	37.59%	2.522%
17	10.616	1288	1297	1316	rVV	2479091	4288185	27.37%	1.836%
18	12.075	1536	1545	1552	rBV2	56338	99991	0.64%	0.043%
19	13.751	1823	1830	1834	rBV	4981990	7027273	44.86%	3.009%
20	13.798	1834	1838	1844	rVB	2766828	3755675	23.97%	1.608%
21	14.028	1868	1877	1891	rBV	5711297	9039056	57.70%	3.871%
22	14.257	1910	1916	1920	rBV	90941	119784	0.76%	0.051%
23	14.340	1922	1930	1937	rBV2	5287392	8072225	51.53%	3.457%
24	14.534	1956	1963	1973	rBV	1681913	2525236	16.12%	1.081%
25	14.692	1987	1990	1997	rBV7	28852	55773	0.36%	0.024%
26	14.763	1997	2002	2008	rVV5	75300	119308	0.76%	0.051%
27	14.875	2017	2021	2028	rVB2	38055	57788	0.37%	0.025%
28	15.157	2064	2069	2074	rBV2	64558	105756	0.68%	0.045%
29	15.210	2074	2078	2083	rVB	223184	268769	1.72%	0.115%
30	15.334	2092	2099	2105	rBV	7503138	10728496	68.48%	4.594%
31	15.392	2105	2109	2112	rVB	44206	60444	0.39%	0.026%
32	15.451	2112	2119	2127	rBV	1863541	2635870	16.82%	1.129%
33	15.575	2134	2140	2144	rBV2	96170	185383	1.18%	0.079%
34	15.616	2144	2147	2151	rVB2	60428	98738	0.63%	0.042%

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35	16.016	2210	2215	2218	rBV6	26956	50614	0.32%	0.022%
36	16.069	2218	2224	2227	rBV3	237844	341563	2.18%	0.146%
37	16.498	2292	2297	2300	rVB5	30361	47564	0.30%	0.020%
38	16.657	2320	2324	2329	rVB7	27477	53505	0.34%	0.023%
39	16.863	2355	2359	2364	rBV2	165296	218889	1.40%	0.094%
40	17.081	2389	2396	2402	rBV2	6336142	9569771	61.08%	4.098%
41	17.122	2402	2403	2407	rVV	208700	214604	1.37%	0.092%
42	17.181	2407	2413	2424	rVV	8248100	12008390	76.65%	5.143%
43	17.275	2425	2429	2435	rVB3	63866	107775	0.69%	0.046%
44	17.381	2445	2447	2455	rVB2	39262	57765	0.37%	0.025%
45	17.598	2481	2484	2489	rBV2	80149	104593	0.67%	0.045%
46	17.863	2525	2529	2537	rBV8	76010	179314	1.14%	0.077%
47	17.992	2546	2551	2560	rBV	1305667	2061033	13.16%	0.883%
48	18.086	2560	2567	2571	rVV2	243294	538984	3.44%	0.231%
49	18.157	2575	2579	2590	rVB3	120104	263774	1.68%	0.113%
50	18.298	2599	2603	2607	rBV3	65205	93223	0.60%	0.040%
51	18.875	2697	2701	2707	rVB2	131863	205109	1.31%	0.088%
52	18.939	2708	2712	2717	rVV5	66779	129091	0.82%	0.055%
53	19.016	2721	2725	2735	rBV	178874	353532	2.26%	0.151%
54	19.145	2739	2747	2754	rVB	1118853	1722144	10.99%	0.737%
55	19.210	2755	2758	2761	rBV3	66004	90672	0.58%	0.039%
56	19.280	2766	2770	2780	rBV3	585789	960900	6.13%	0.411%
57	19.369	2781	2785	2792	rVB2	127814	236162	1.51%	0.101%
58	19.480	2798	2804	2807	rBV	9910973	13863738	88.49%	5.937%
59	19.510	2807	2809	2818	rVV	3086613	3579426	22.85%	1.533%
60	19.592	2819	2823	2829	rVB3	126021	254581	1.63%	0.109%
61	19.686	2836	2839	2845	rBV	143960	248822	1.59%	0.107%
62	19.745	2847	2849	2855	rVB	241592	339640	2.17%	0.145%
63	19.839	2859	2865	2875	rBV5	381744	920226	5.87%	0.394%
64	20.004	2883	2893	2898	rVB3	740621	2040440	13.02%	0.874%
65	20.110	2907	2911	2914	rBV	611476	719387	4.59%	0.308%
66	20.163	2914	2920	2925	rBV2	657537	1096396	7.00%	0.470%
67	20.304	2940	2944	2948	rBV2	714095	995815	6.36%	0.426%
68	20.351	2948	2952	2957	rVB2	352332	558862	3.57%	0.239%
69	20.563	2984	2988	2991	rBV4	195085	312023	1.99%	0.134%
70	20.722	3011	3015	3018	rBV3	229139	351365	2.24%	0.150%
71	20.757	3018	3021	3028	rVB2	376733	667457	4.26%	0.286%

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72	20.851	3034	3037	3041	rVB2	263989	308270	1.97%	0.132%
73	20.927	3043	3050	3053	rBV2	551703	883485	5.64%	0.378%
74	20.963	3053	3056	3059	rBV	331325	357808	2.28%	0.153%
75	21.010	3059	3064	3069	rBV3	1141110	2034905	12.99%	0.871%
76	21.216	3095	3099	3100	rBV2	233403	288480	1.84%	0.124%
77	21.280	3103	3110	3114	rVV2	7966859	15666407	100.00%	6.709%
78	21.316	3114	3116	3123	rVB	3472120	4366587	27.87%	1.870%
79	21.433	3133	3136	3142	rBV2	518736	978037	6.24%	0.419%
80	21.586	3158	3162	3168	rBV	549557	860506	5.49%	0.369%
81	21.639	3168	3171	3179	rVB3	353286	598566	3.82%	0.256%
82	21.774	3192	3194	3197	rBV	220754	273966	1.75%	0.117%
83	21.827	3197	3203	3208	rVV	967185	1800412	11.49%	0.771%
84	21.886	3209	3213	3217	rVB2	569887	827194	5.28%	0.354%
85	22.027	3233	3237	3240	rBV2	566983	789149	5.04%	0.338%
86	22.057	3240	3242	3248	rVB4	423322	569915	3.64%	0.244%
87	22.351	3290	3292	3300	rVB5	461296	718470	4.59%	0.308%
88	22.480	3311	3314	3320	rVB2	601431	840990	5.37%	0.360%
89	22.851	3369	3377	3382	rBV	5590473	13410654	85.60%	5.743%
90	23.016	3400	3405	3412	rVB	857322	1373895	8.77%	0.588%
91	23.151	3423	3428	3436	rBV2	349023	907969	5.80%	0.389%
92	23.321	3451	3457	3461	rBV	2848632	5352870	34.17%	2.292%
93	23.374	3461	3466	3470	rVV	4825540	9362175	59.76%	4.009%
94	23.416	3470	3473	3481	rVB	3645331	6316773	40.32%	2.705%
95	23.516	3482	3490	3494	rBV	3714002	7398839	47.23%	3.169%
96	23.563	3494	3498	3506	rVB2	1155975	2349198	15.00%	1.006%
97	24.074	3581	3585	3592	rVB	662710	1232846	7.87%	0.528%
98	24.821	3707	3712	3724	rVB2	447533	914804	5.84%	0.392%
99	25.739	3861	3868	3879	rVB2	1582620	4579047	29.23%	1.961%
100	26.421	3976	3984	3999	rVB	935115	2863139	18.28%	1.226%

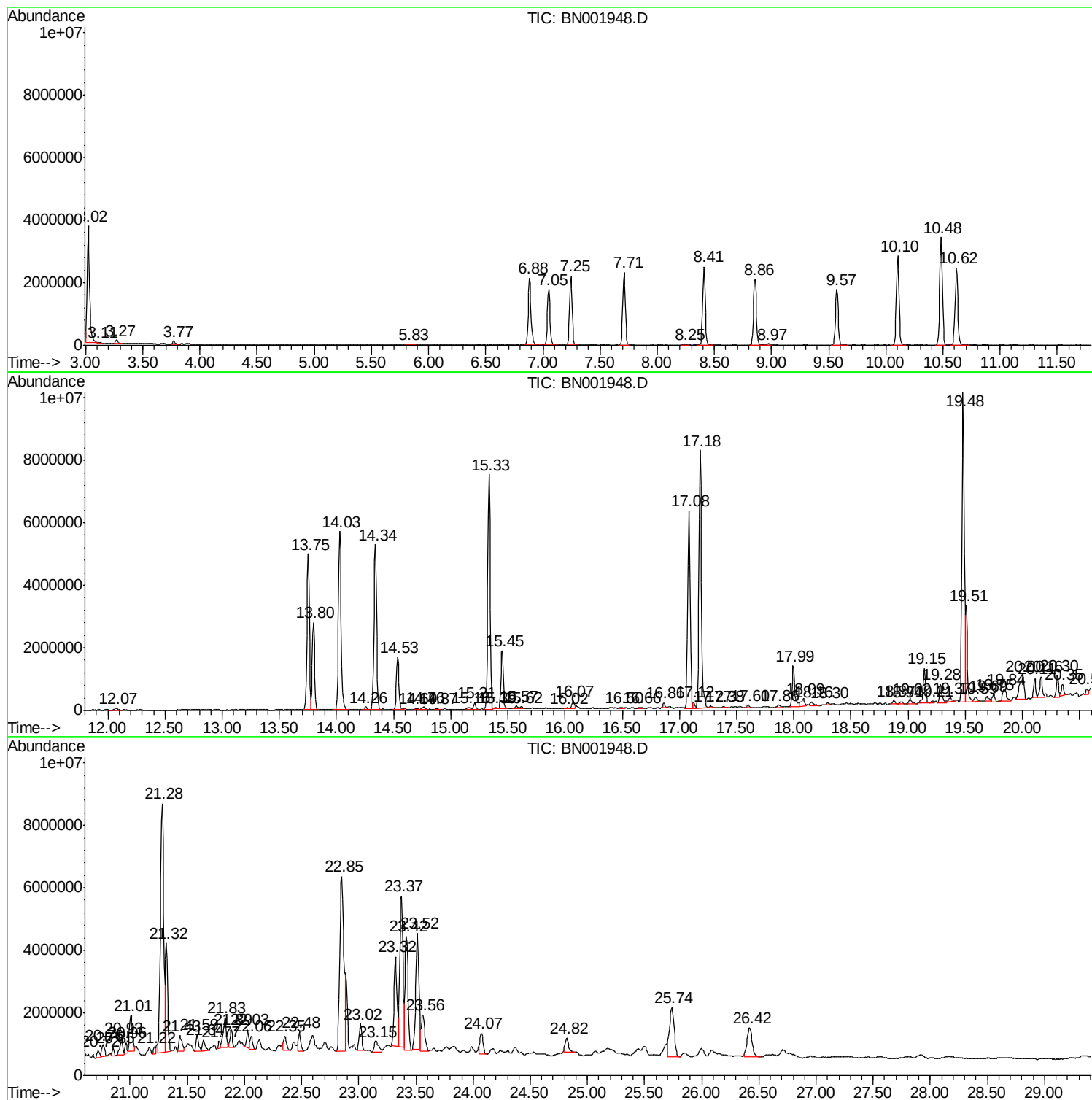
Sum of corrected areas: 233511642

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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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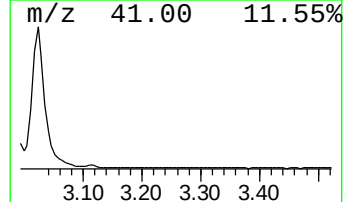
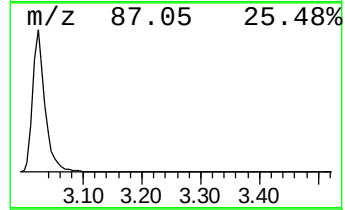
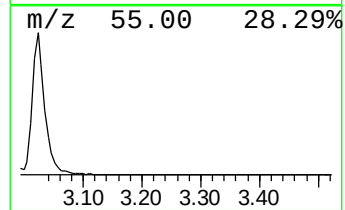
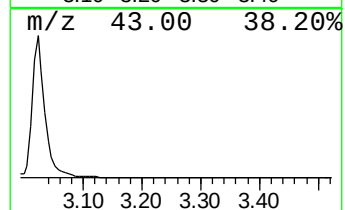
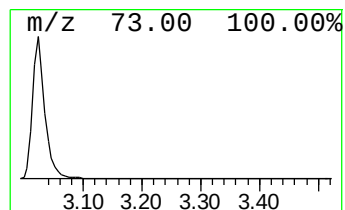
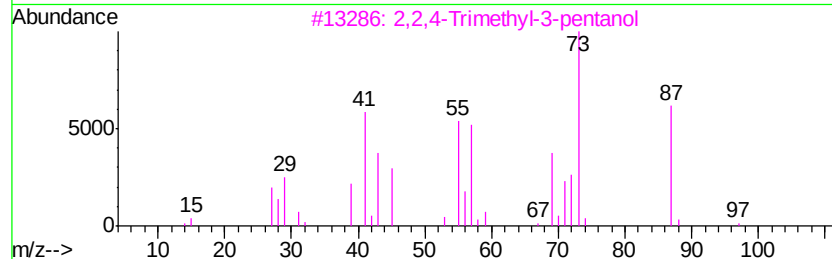
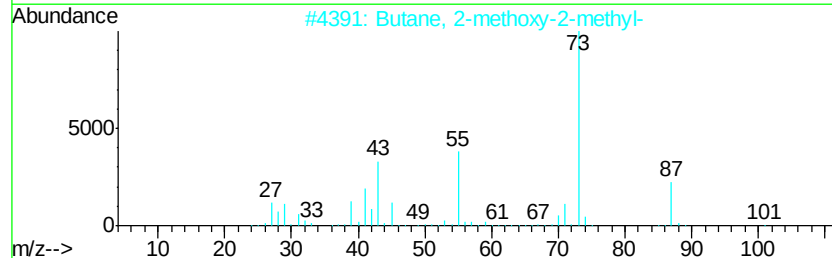
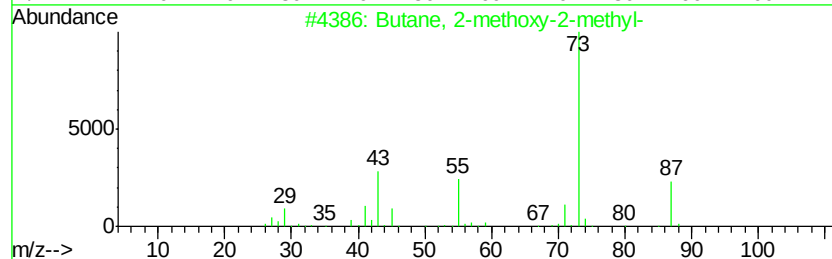
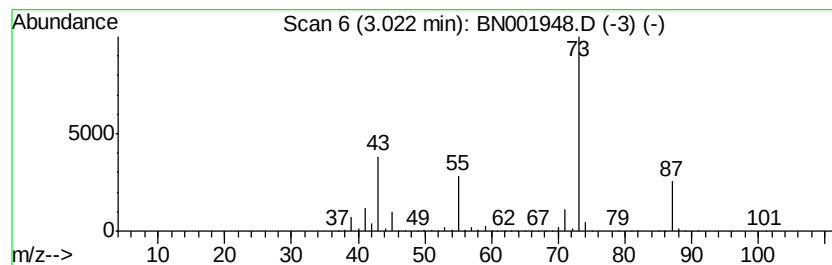
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
3.02	28.66 ng/ul	5286330	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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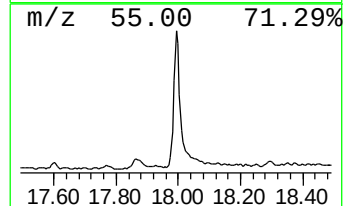
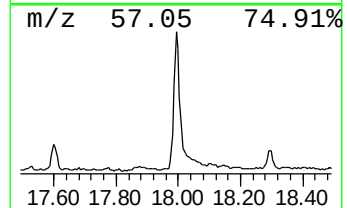
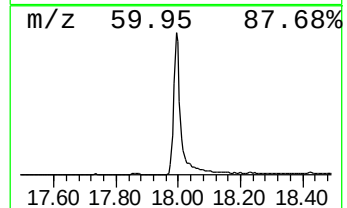
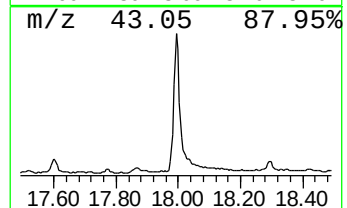
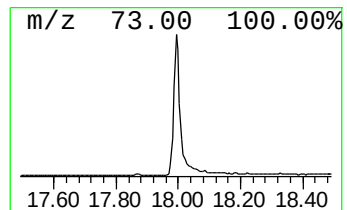
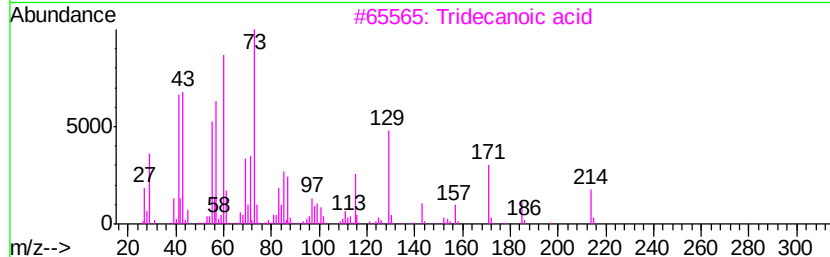
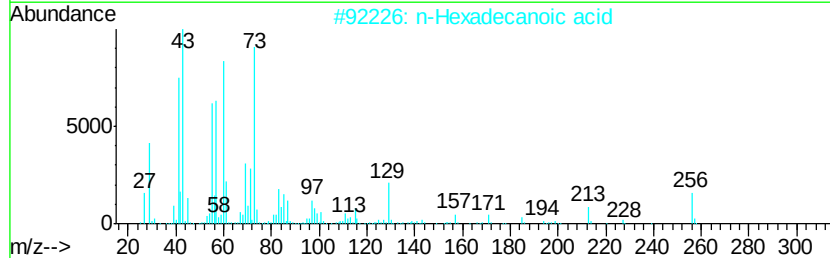
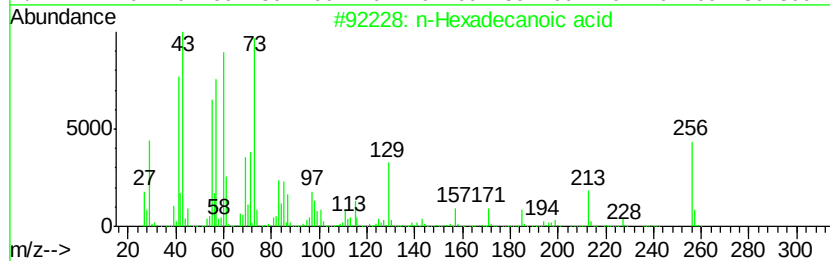
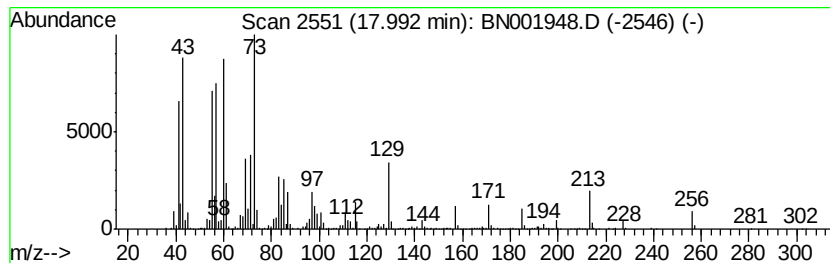
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.31 ng/ul	2061030	Phenanthrene-d10	17.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	95
3	Tridecanoic acid	214 C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	86
5	Tridecanoic acid	214 C13H26O2	000638-53-9	81



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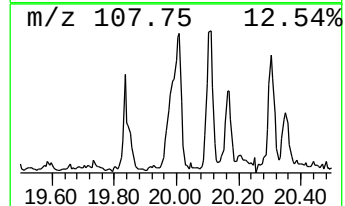
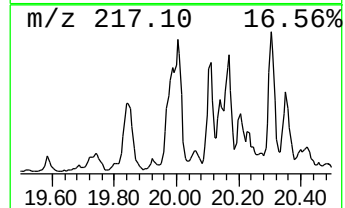
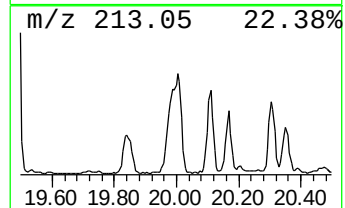
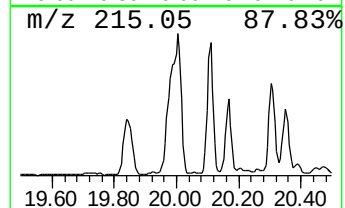
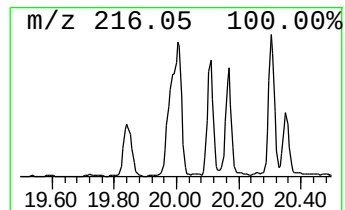
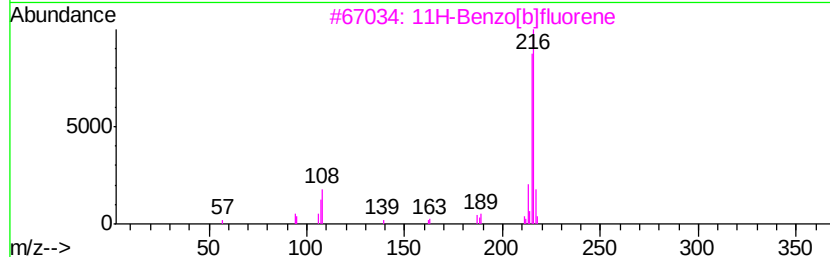
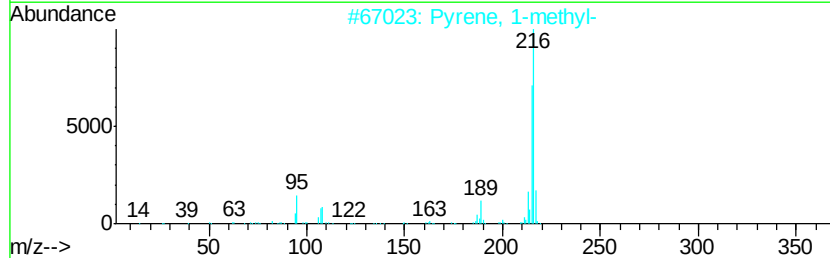
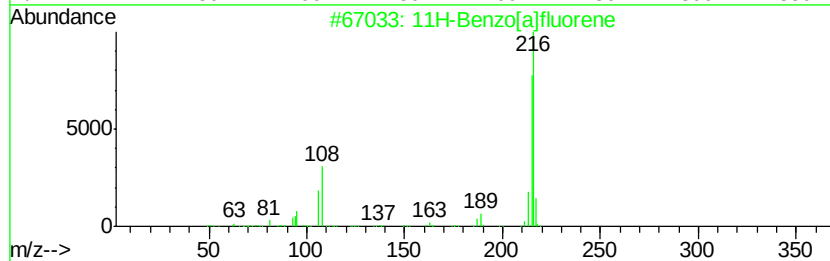
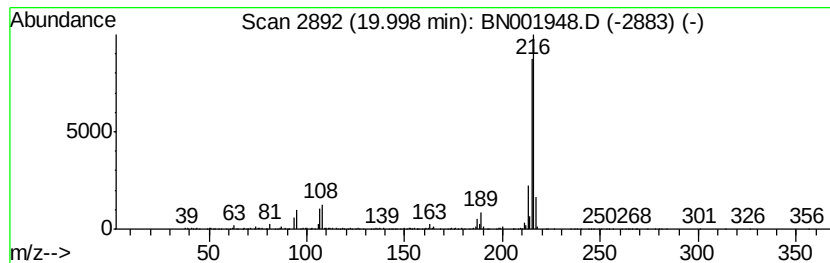
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 11H-Benzo[a]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.60 ng/ul	2040440	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



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Acq On : 03 Jul 2018 17:52
Operator : JU/SJ
Sample : J3721-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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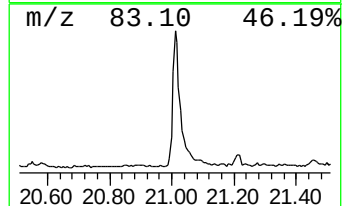
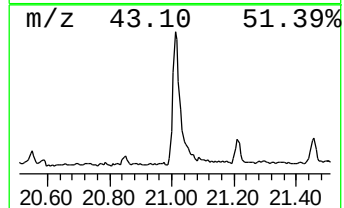
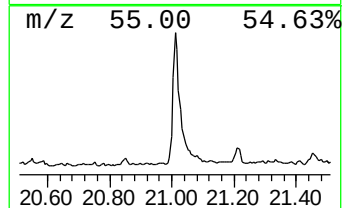
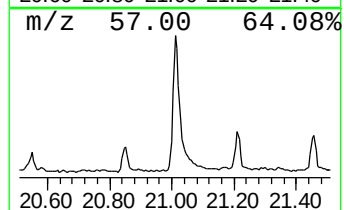
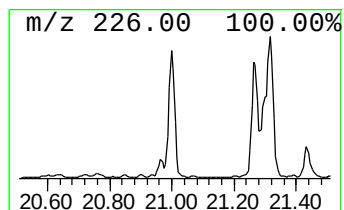
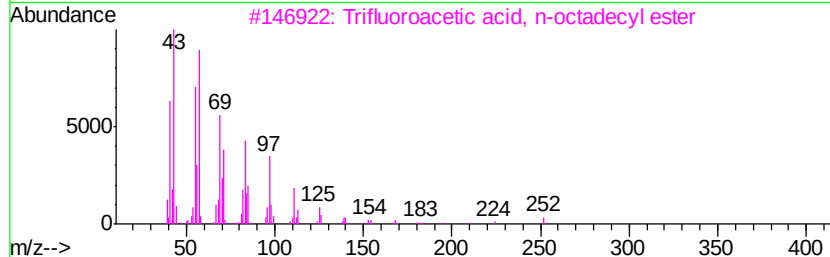
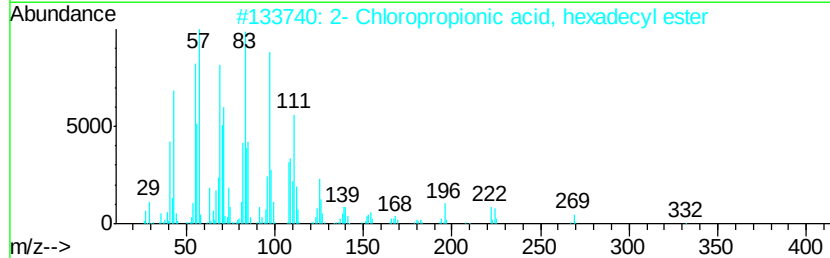
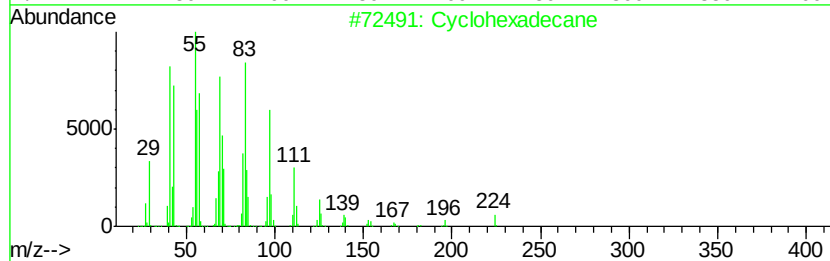
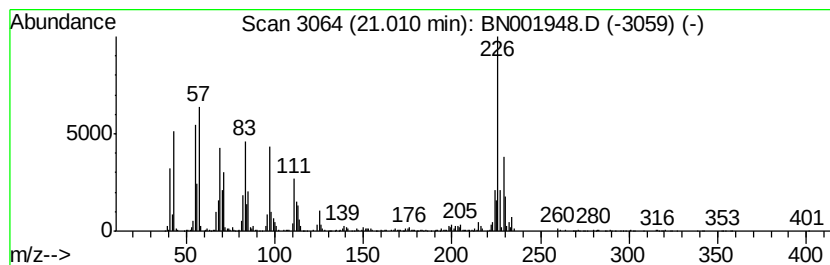
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.60 ng/ul	2034910	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	94
2		2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	42
3		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	42
4		1-Tricosene	322	C23H46	018835-32-0	38
5		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	30



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Data File : BN001948.D
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Sample : J3721-09
Misc :
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Instrument :
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ClientSampleId :
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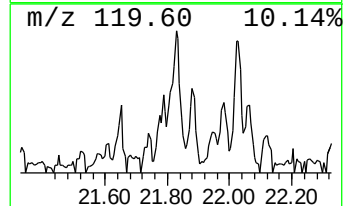
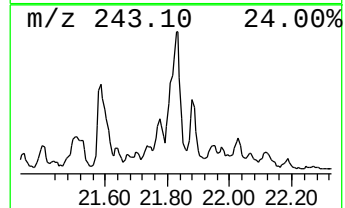
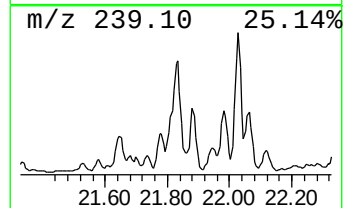
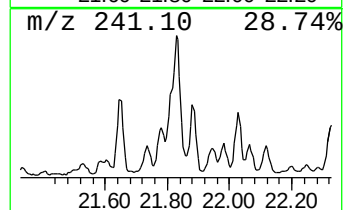
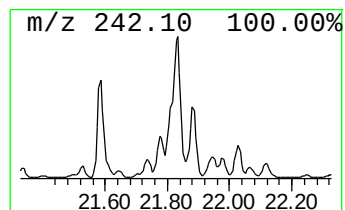
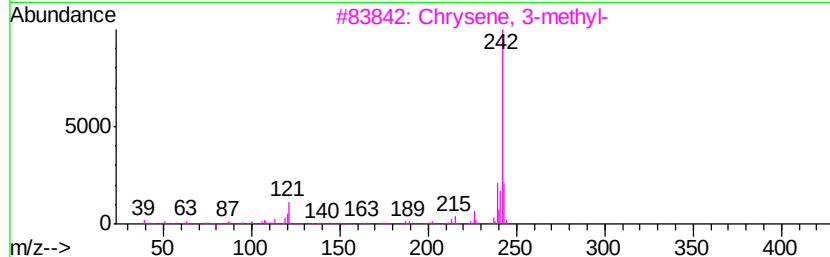
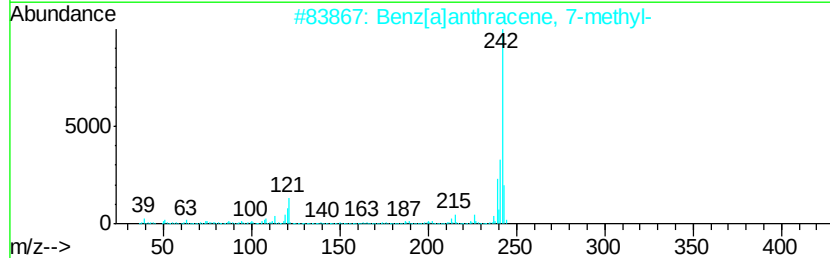
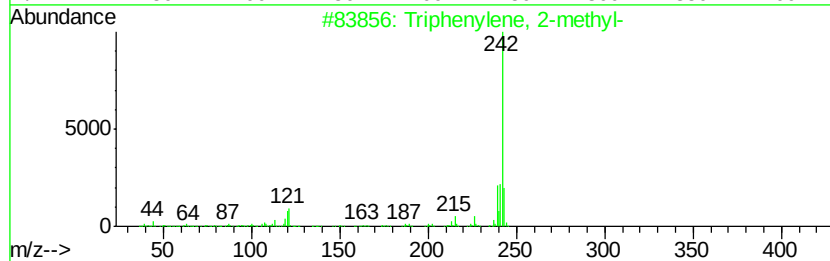
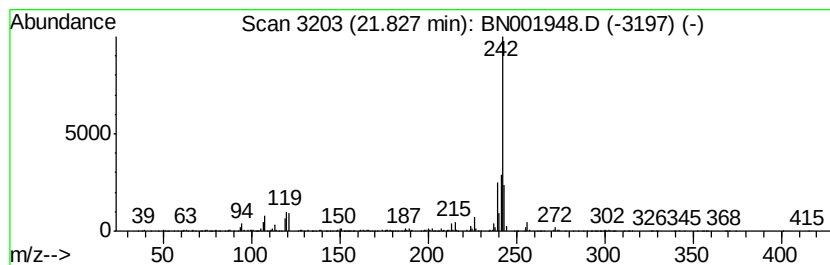
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Triphenylene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	2.30 ng/ul	1800410	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
3		Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
4		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	90
5		Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	86



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Sample : J3721-09
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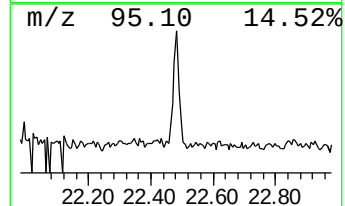
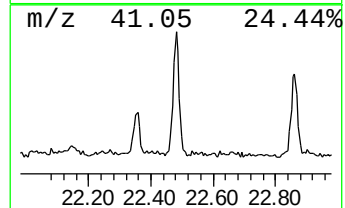
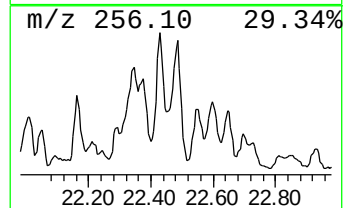
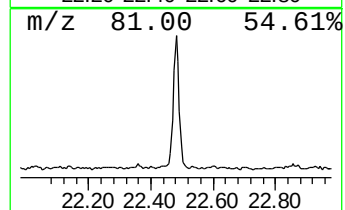
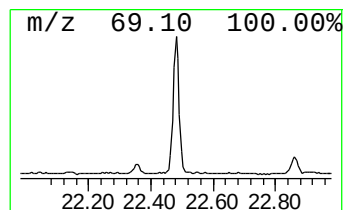
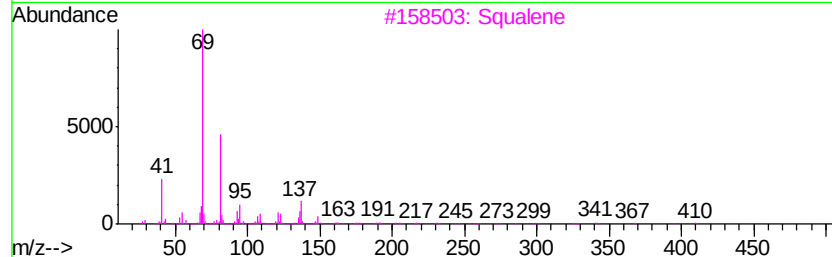
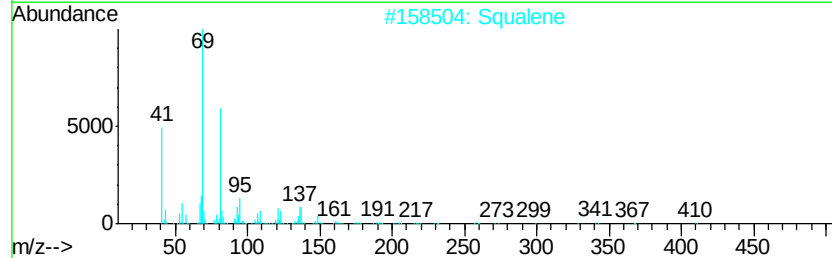
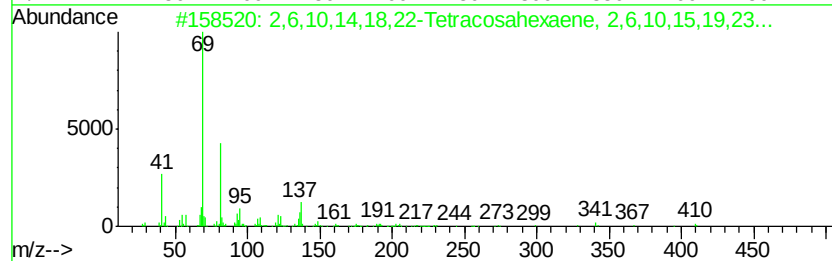
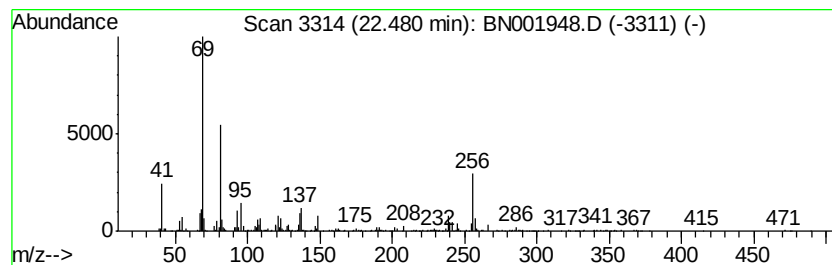
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,6,10,14,18,22-Tetracosae... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.27 ng/ul	840990	Perylene-d12	23.52
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	68
2	Squalene	410 C30H50	007683-64-9	68
3	Squalene	410 C30H50	007683-64-9	64
4	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	59
5	2,6,10,14-Hexadecatetraenoic aci...	332 C22H36O2	024035-35-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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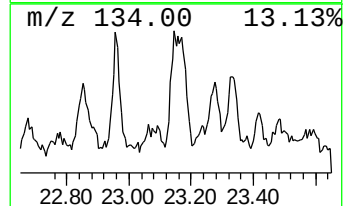
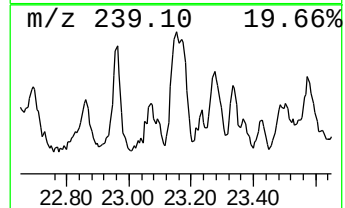
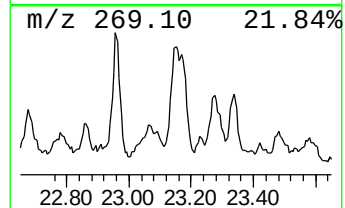
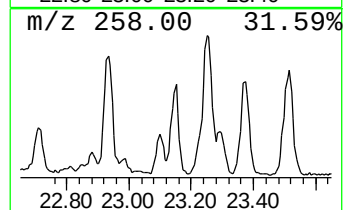
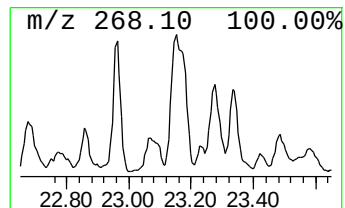
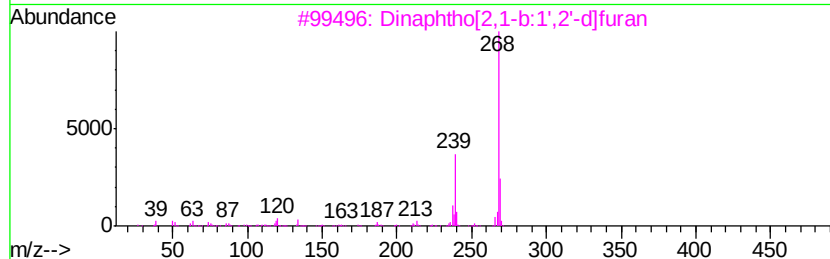
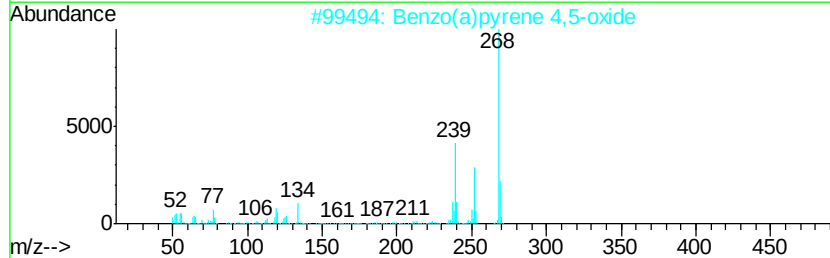
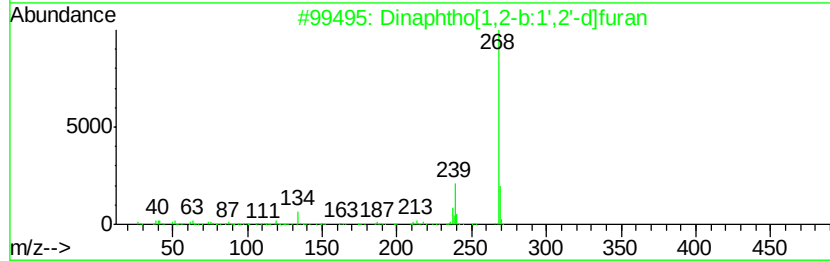
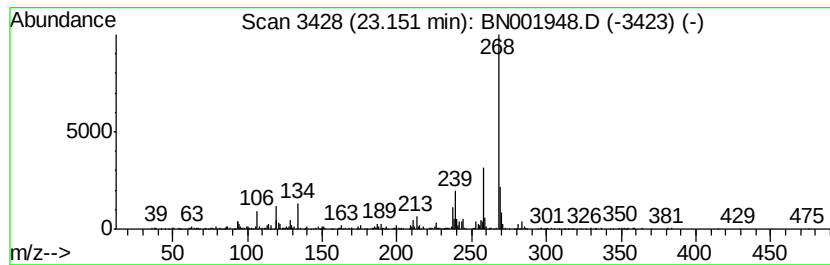
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
23.15	2.45 ng/ul	907969	Perylene-d12	23.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	81	
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64	
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	59	
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	53	
5	9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53	



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Misc :
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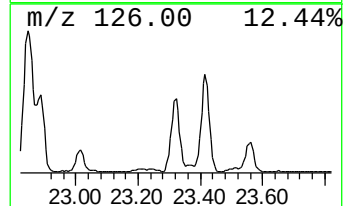
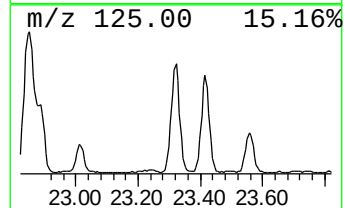
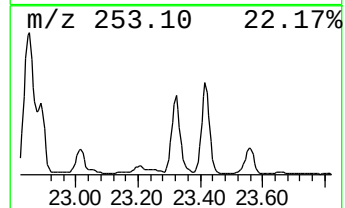
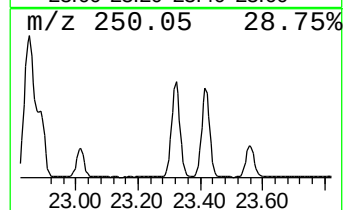
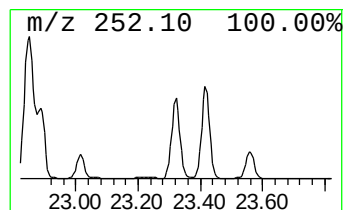
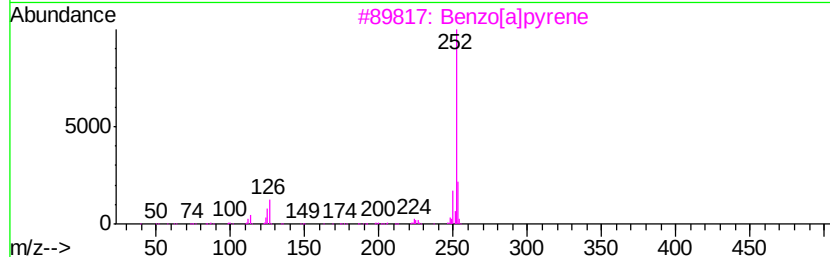
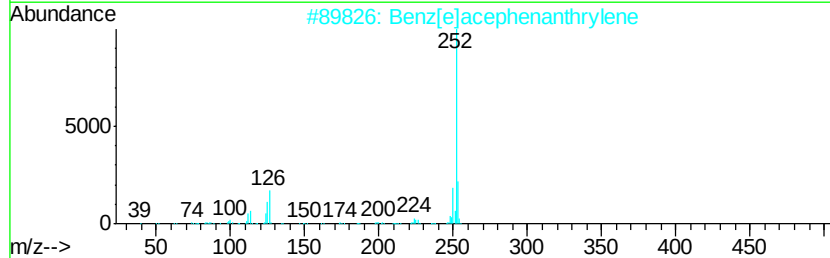
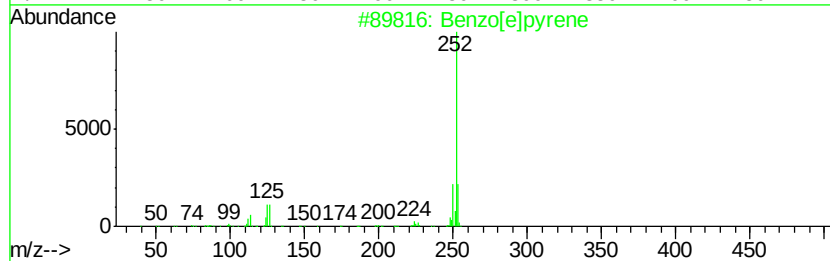
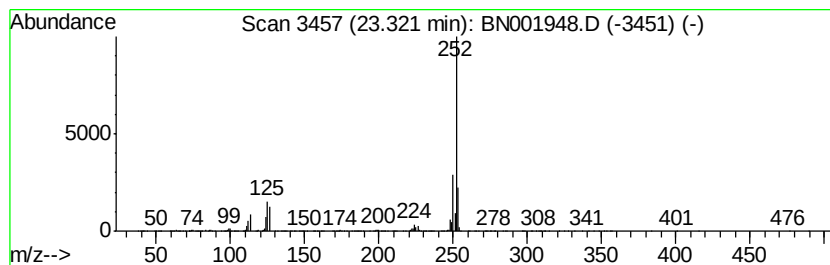
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	14.47 ng/ul	5352870	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
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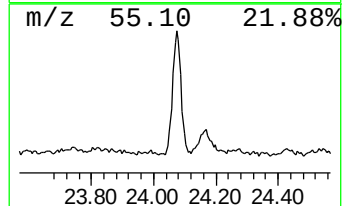
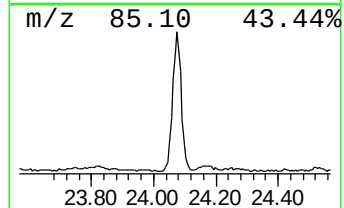
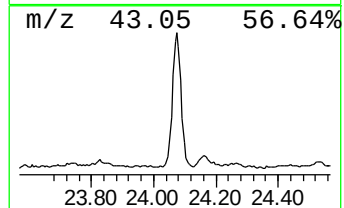
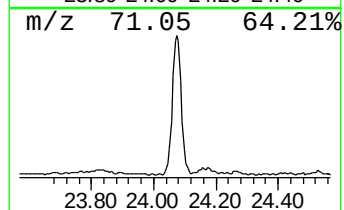
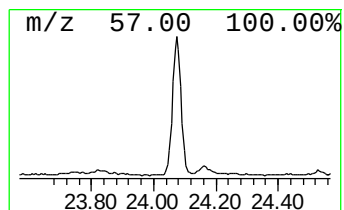
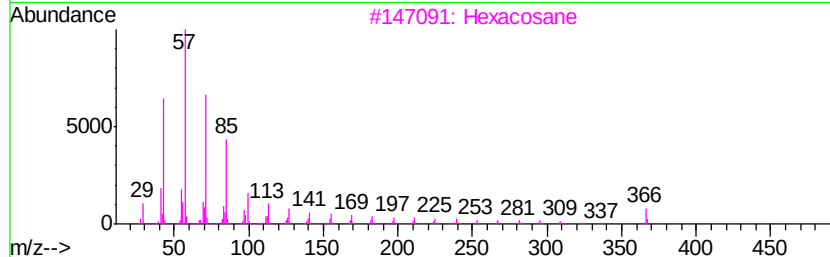
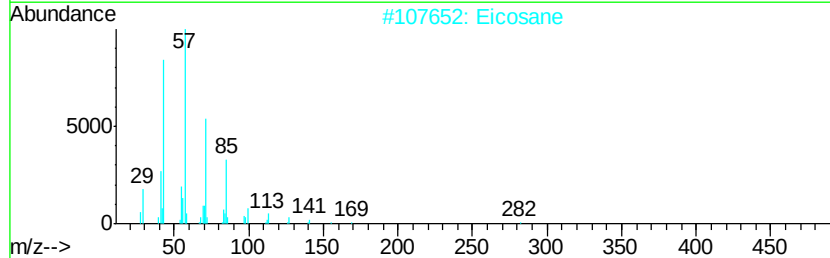
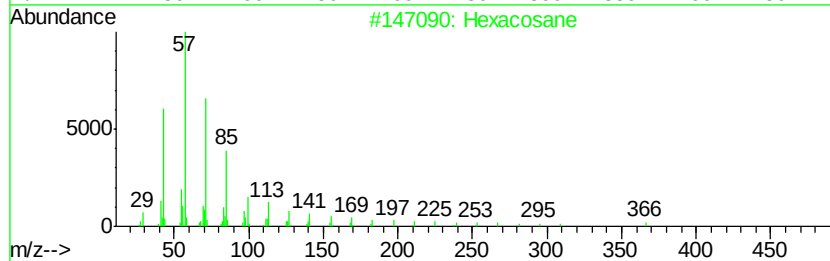
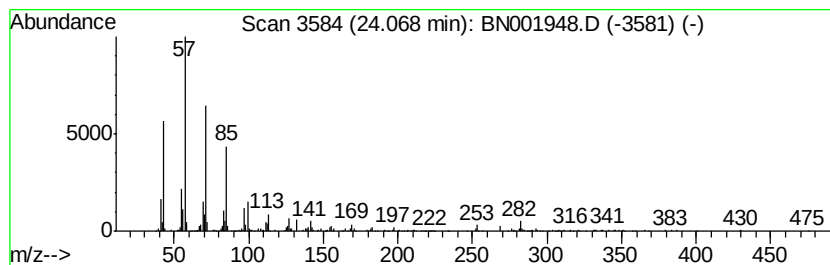
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.33 ng/ul	1232850	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	96
2		Eicosane	282	C20H42	000112-95-8	96
3		Hexacosane	366	C26H54	000630-01-3	94
4		Eicosane	282	C20H42	000112-95-8	94
5		Eicosane	282	C20H42	000112-95-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001948.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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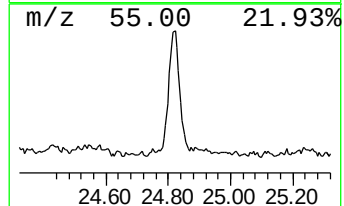
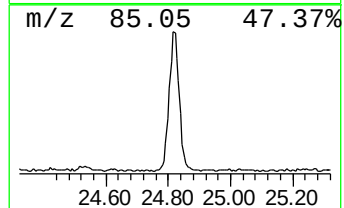
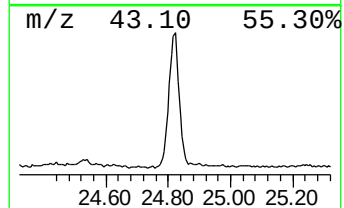
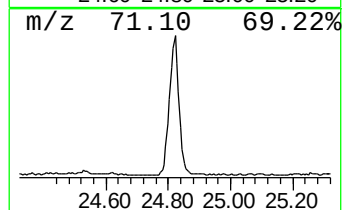
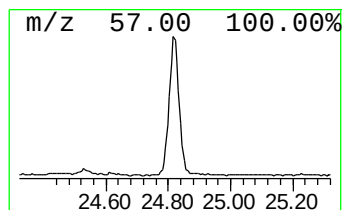
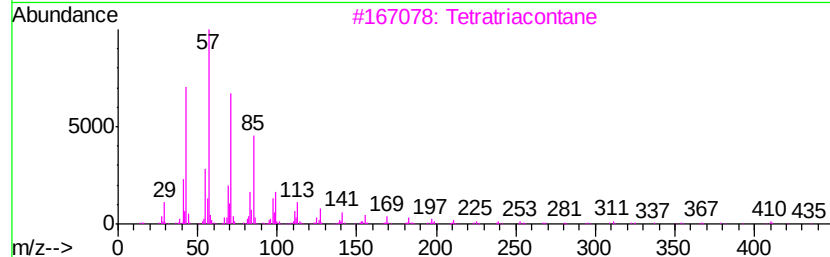
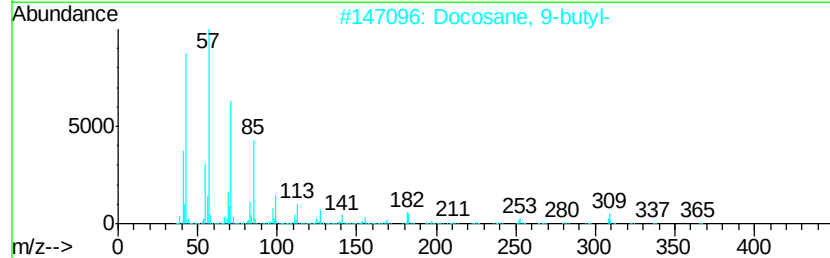
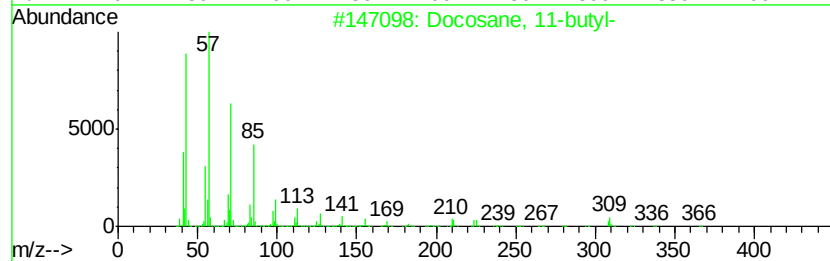
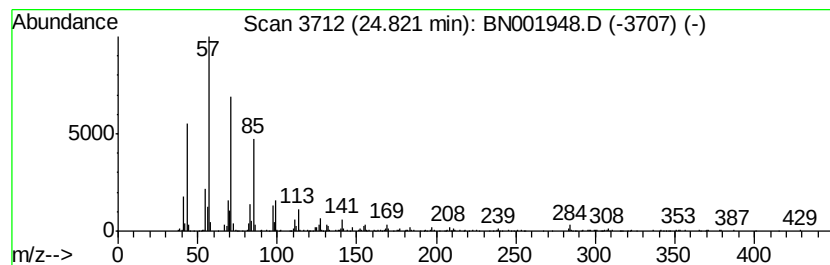
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	2.47 ng/ul	914804	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Triacontane	422	C30H62	000638-68-6	91
5		Hexatriacontane	507	C36H74	000630-06-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001948.D
Acq On : 03 Jul 2018 17:52
Operator : JU/SJ
Sample : J3721-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F1H20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.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
Butane, 2-methoxy...	3.02	28.7	ng/ul	5286330	1	7.71	3689640	20.0
n-Hexadecanoic acid	17.99	4.3	ng/ul	2061030	4	17.08	9569770	20.0
11H-Benzo[a]fluorene	20.00	2.6	ng/ul	2040440	5	21.28	15666400	20.0
(DEL) Alkane: Cyc...	21.01	2.6	ng/ul	2034910	5	21.28	15666400	20.0
Triphenylene, 2-m...	21.83	2.3	ng/ul	1800410	5	21.28	15666400	20.0
2,6,10,14,18,22-T...	22.48	2.3	ng/ul	840990	6	23.52	7398840	20.0
Dinaphtho[1,2-b:1...	23.15	2.5	ng/ul	907969	6	23.52	7398840	20.0
Benzo[e]pyrene	23.32	14.5	ng/ul	5352870	6	23.52	7398840	20.0
(DEL) Alkane: Str...	24.07	3.3	ng/ul	1232850	6	23.52	7398840	20.0
(DEL) Alkane: Str...	24.82	2.5	ng/ul	914804	6	23.52	7398840	20.0