

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028198.D
 Acq On : 19 Dec 2020 15:45
 Operator : JU/CG
 Sample : L5071-06
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54J6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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	3.416	35	39	47	rVB	17185	25895	1.61%	0.109%
2	3.887	114	119	122	rVB5	2379	3730	0.23%	0.016%
3	3.987	132	136	141	rBV2	7408	11103	0.69%	0.047%
4	4.222	170	176	190	rVB	1028838	1531461	94.93%	6.459%
5	4.463	212	217	223	rVB3	6549	10262	0.64%	0.043%
6	4.904	288	292	296	rVB4	3567	5071	0.31%	0.021%
7	5.228	343	347	355	rVB	2823	5408	0.34%	0.023%
8	6.157	500	505	510	rVB6	2276	3848	0.24%	0.016%
9	6.240	516	519	526	rVB2	2084	3270	0.20%	0.014%
10	7.157	670	675	678	rVB4	1865	3088	0.19%	0.013%
11	7.340	699	706	716	rBV	291406	472469	29.29%	1.993%
12	7.463	724	727	730	rBV3	2470	2947	0.18%	0.012%
13	7.516	730	736	745	rVB	229828	358967	22.25%	1.514%
14	7.722	764	771	780	rVB	304946	487591	30.22%	2.056%
15	7.798	780	784	791	rBV3	8401	16103	1.00%	0.068%
16	7.987	812	816	821	rVB3	1231	2232	0.14%	0.009%
17	8.204	843	853	860	rBV	534831	853453	52.90%	3.599%
18	8.257	860	862	869	rVB3	3760	4515	0.28%	0.019%
19	8.445	886	894	903	rBV6	6518	13055	0.81%	0.055%
20	8.904	964	972	984	rBV	316478	512380	31.76%	2.161%
21	8.992	984	987	990	rVB3	1288	1737	0.11%	0.007%
22	9.034	990	994	999	rBV3	2949	5062	0.31%	0.021%
23	9.381	1046	1053	1060	rBV	255794	428232	26.54%	1.806%
24	9.457	1063	1066	1072	rVB4	1920	3829	0.24%	0.016%
25	9.534	1076	1079	1083	rVB2	2698	2653	0.16%	0.011%
26	9.769	1114	1119	1125	rVB	9763	12750	0.79%	0.054%
27	10.104	1170	1176	1185	rBV	207074	341823	21.19%	1.442%
28	10.228	1192	1197	1200	rVB5	1844	3044	0.19%	0.013%
29	10.304	1206	1210	1213	rBV3	1151	1843	0.11%	0.008%
30	10.639	1261	1267	1278	rBV	325448	550973	34.15%	2.324%
31	11.033	1326	1334	1342	rBV	726702	1203692	74.61%	5.077%
32	11.157	1345	1355	1364	rVB	274955	464081	28.77%	1.957%
33	11.610	1428	1432	1436	rBV3	1071	1631	0.10%	0.007%
34	11.775	1456	1460	1467	rVB3	1674	2304	0.14%	0.010%

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35	12.416	1562	1569	1575	rBV4	1380	3238	0.20%	0.014%
36	12.498	1579	1583	1585	rVB3	1464	2138	0.13%	0.009%
37	12.598	1594	1600	1605	rVB2	4897	7538	0.47%	0.032%
38	13.192	1696	1701	1706	rBV4	2589	3462	0.21%	0.015%
39	13.439	1738	1743	1749	rVB5	3625	5912	0.37%	0.025%
40	13.557	1759	1763	1769	rVB5	922	1764	0.11%	0.007%
41	13.645	1774	1778	1781	rVB2	2373	3037	0.19%	0.013%
42	13.710	1781	1789	1793	rBV2	6563	9017	0.56%	0.038%
43	14.157	1861	1865	1868	rBV4	1517	1814	0.11%	0.008%
44	14.227	1870	1877	1881	rVV	546410	741815	45.98%	3.129%
45	14.274	1881	1885	1892	rVV	152952	208733	12.94%	0.880%
46	14.451	1910	1915	1921	rBV6	5963	10580	0.66%	0.045%
47	14.527	1921	1928	1938	rVV	657863	949295	58.84%	4.004%
48	14.704	1955	1958	1962	rBV5	3381	3516	0.22%	0.015%
49	14.827	1972	1979	1987	rBV	1015112	1489225	92.31%	6.281%
50	14.892	1987	1990	1996	rVB3	4904	6253	0.39%	0.026%
51	14.998	2002	2008	2016	rVV	168079	250448	15.52%	1.056%
52	15.068	2016	2020	2028	rVB2	33405	52256	3.24%	0.220%
53	15.221	2040	2046	2049	rVB5	2805	4143	0.26%	0.017%
54	15.604	2107	2111	2115	rBV5	2701	3562	0.22%	0.015%
55	15.645	2115	2118	2122	rVB2	2209	2913	0.18%	0.012%
56	15.810	2140	2146	2152	rBV	795983	1121007	69.49%	4.728%
57	15.863	2152	2155	2159	rVB	2849	3364	0.21%	0.014%
58	15.921	2159	2165	2173	rBV	197976	275238	17.06%	1.161%
59	16.051	2180	2187	2190	rVB4	8152	11748	0.73%	0.050%
60	16.151	2202	2204	2208	rVB3	1963	2250	0.14%	0.009%
61	16.445	2249	2254	2256	rVB4	2155	3601	0.22%	0.015%
62	16.498	2260	2263	2267	rVB3	3082	3253	0.20%	0.014%
63	16.586	2275	2278	2283	rVB4	3098	3877	0.24%	0.016%
64	16.680	2291	2294	2298	rVB5	2219	2961	0.18%	0.012%
65	17.151	2370	2374	2376	rVB3	2034	2117	0.13%	0.009%
66	17.204	2380	2383	2385	rBV3	1499	2151	0.13%	0.009%
67	17.286	2393	2397	2403	rBV7	3458	5827	0.36%	0.025%
68	17.339	2403	2406	2409	rBV3	3394	4294	0.27%	0.018%
69	17.551	2435	2442	2447	rBV	1145061	1613291	100.00%	6.804%
70	17.592	2447	2449	2453	rVV	63139	72972	4.52%	0.308%
71	17.645	2453	2458	2473	rVB	822907	1160937	71.96%	4.896%

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72	17.809	2483	2486	2490	rVB4	2861	3415	0.21%	0.014%
73	17.909	2499	2503	2506	rBV5	2451	4817	0.30%	0.020%
74	17.945	2506	2509	2512	rVB2	3126	4130	0.26%	0.017%
75	18.015	2518	2521	2524	rVB3	3418	2856	0.18%	0.012%
76	18.121	2537	2539	2542	rVV4	2242	1890	0.12%	0.008%
77	18.186	2548	2550	2554	rBV5	2086	2313	0.14%	0.010%
78	18.274	2564	2565	2568	rBV2	1623	1856	0.12%	0.008%
79	18.404	2582	2587	2594	rBV2	63501	95392	5.91%	0.402%
80	18.462	2594	2597	2604	rVB4	10590	21127	1.31%	0.089%
81	18.609	2616	2622	2625	rBV6	10002	20644	1.28%	0.087%
82	18.821	2656	2658	2663	rVB6	4779	5457	0.34%	0.023%
83	18.904	2668	2672	2676	rVV2	5678	9353	0.58%	0.039%
84	18.945	2676	2679	2683	rVB4	4623	6433	0.40%	0.027%
85	19.027	2691	2693	2696	rBV4	2765	3216	0.20%	0.014%
86	19.192	2717	2721	2726	rBV8	6410	10940	0.68%	0.046%
87	19.315	2739	2742	2745	rBV4	6651	9680	0.60%	0.041%
88	19.574	2782	2786	2792	rVB	105935	138588	8.59%	0.584%
89	19.656	2797	2800	2807	rVV7	19412	29253	1.81%	0.123%
90	19.903	2836	2842	2853	rBV	1005874	1472273	91.26%	6.209%
91	21.350	3084	3088	3095	rBV	338569	464941	28.82%	1.961%
92	21.662	3135	3141	3145	rBV	1176486	1595041	98.87%	6.727%
93	22.239	3236	3239	3242	rBV	112409	153702	9.53%	0.648%
94	22.968	3360	3363	3367	rVB2	145631	179783	11.14%	0.758%
95	23.262	3409	3413	3417	rBV	185706	262410	16.27%	1.107%
96	23.315	3417	3422	3434	rVB	381897	801611	49.69%	3.381%
97	23.874	3511	3517	3523	rBV	628893	1201102	74.45%	5.066%
98	24.027	3537	3543	3555	rVB	762634	1468142	91.00%	6.192%
99	24.203	3569	3573	3580	rVB	192732	340644	21.11%	1.437%

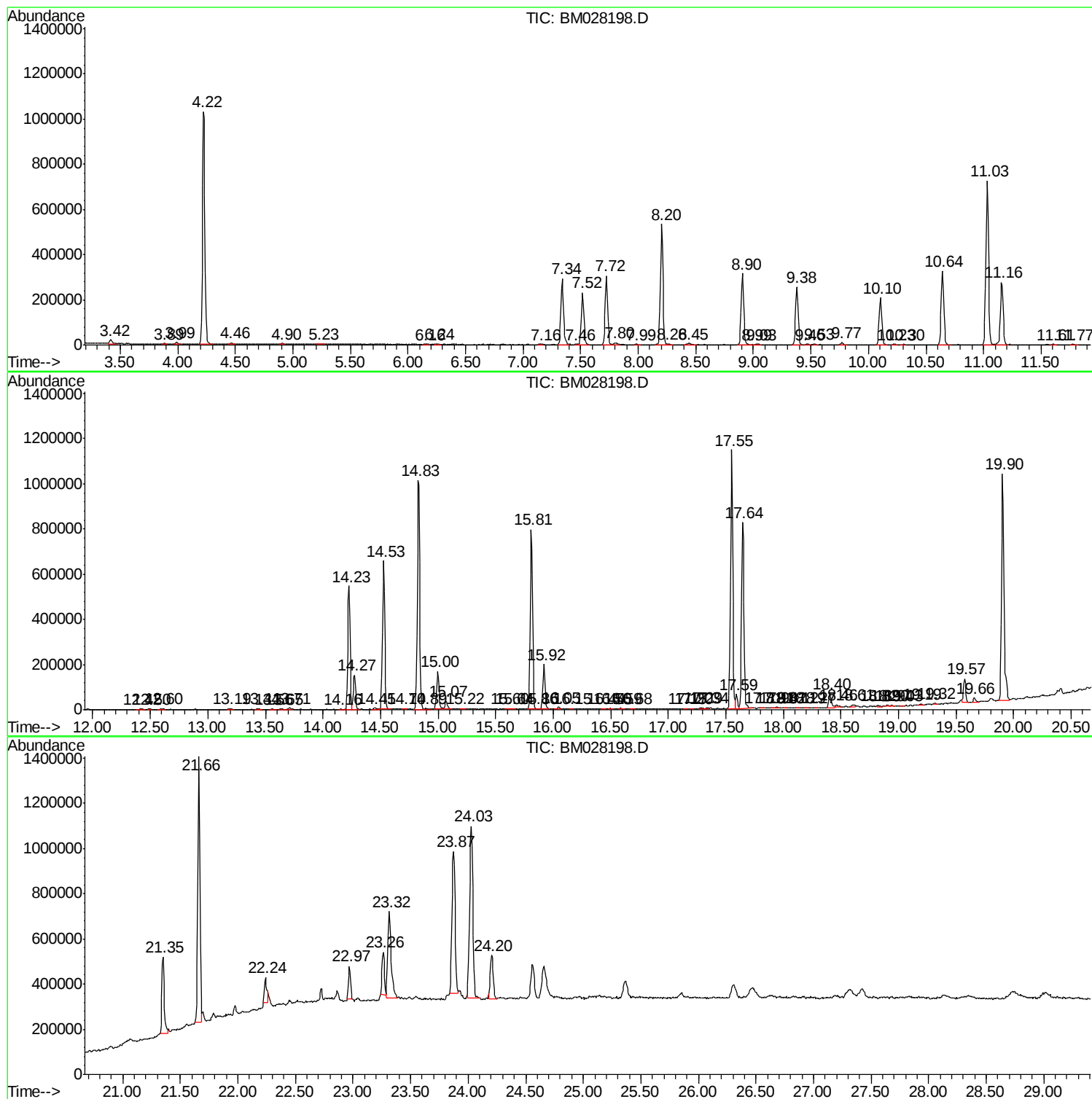
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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



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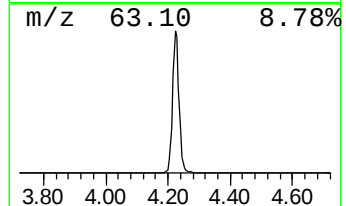
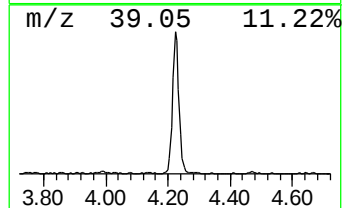
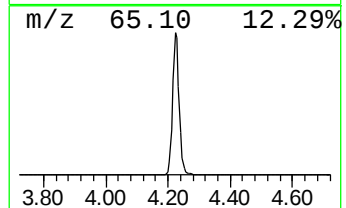
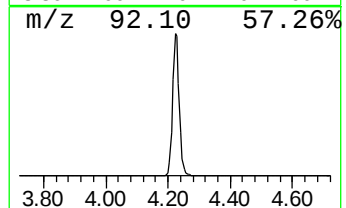
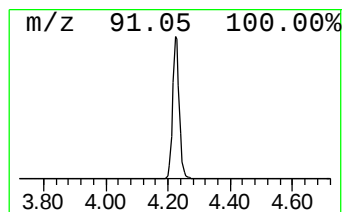
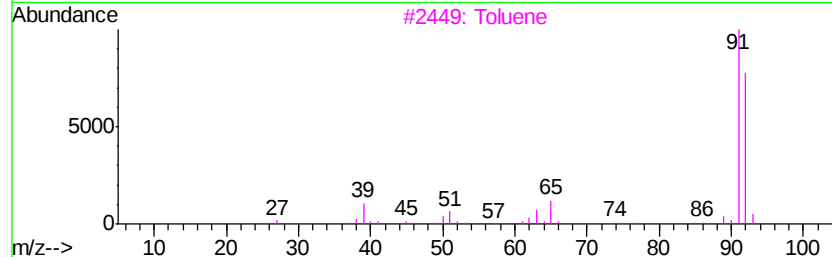
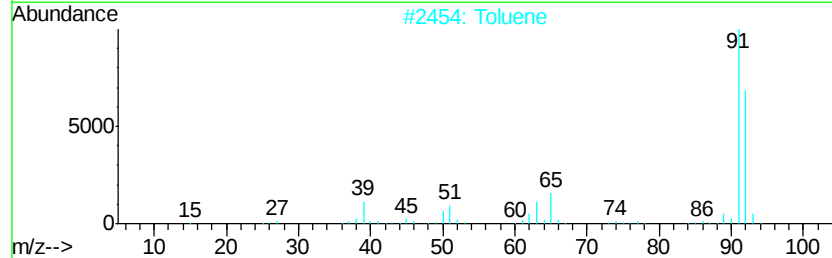
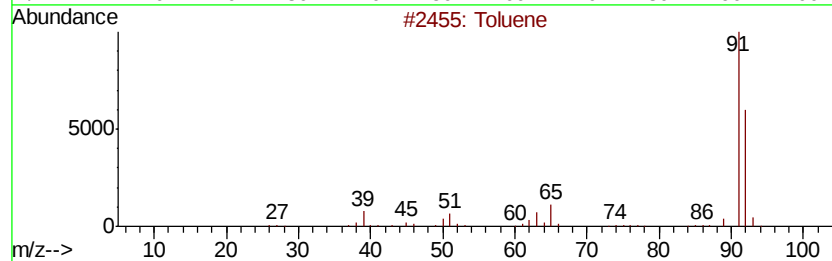
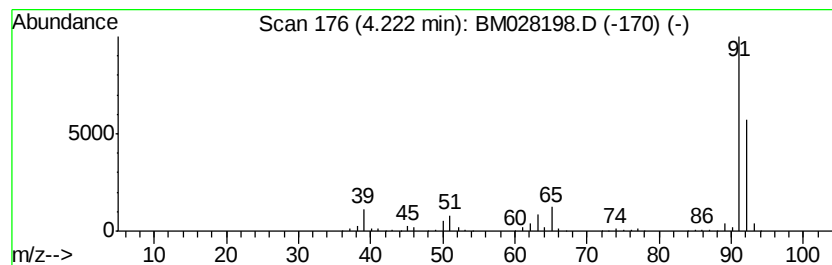
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	35.89 ng/ul	1531460	1,4-Dichlorobenzene-d4	8.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	95
2		Toluene	92	C7H8	000108-88-3	95
3		Toluene	92	C7H8	000108-88-3	94
4		Toluene	92	C7H8	000108-88-3	91
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90



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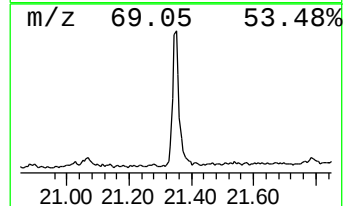
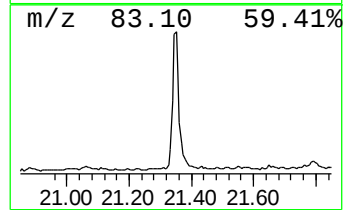
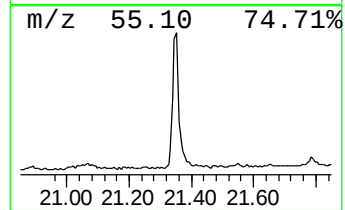
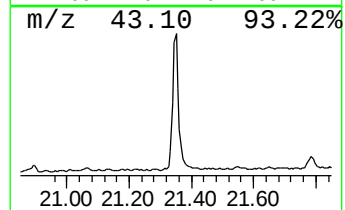
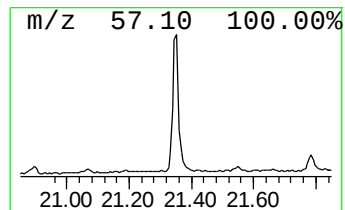
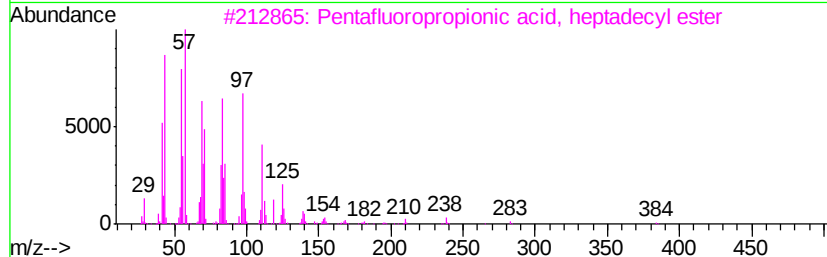
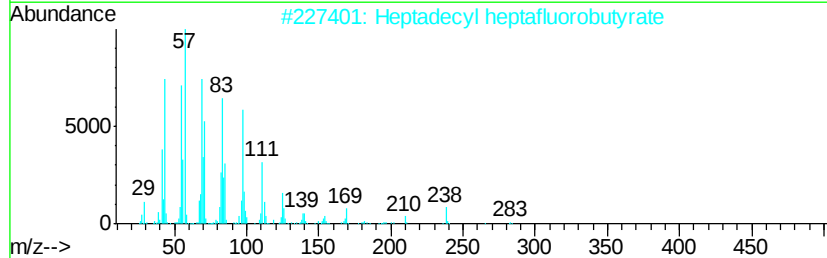
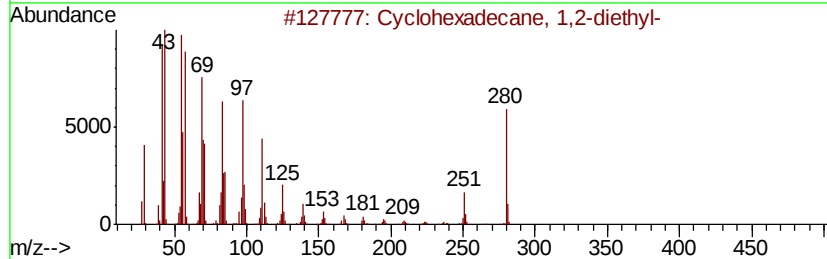
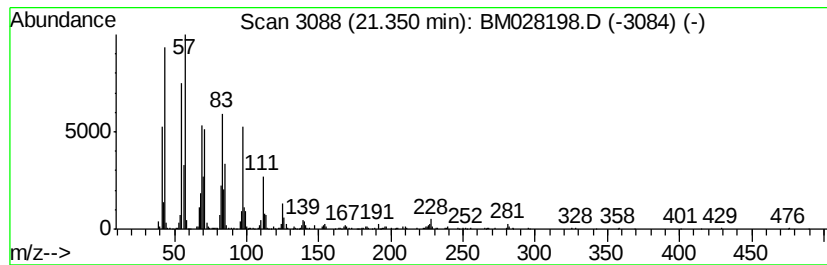
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic21.35 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.35	5.83 ng/ul	464941	Chrysene-d12	21.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cvclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	97
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91



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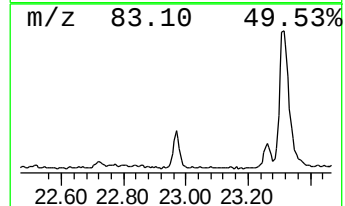
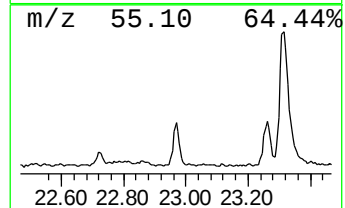
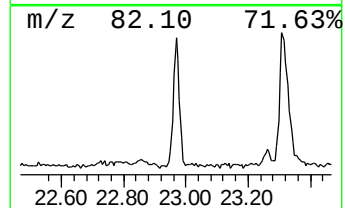
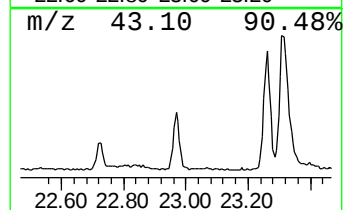
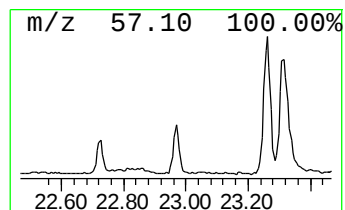
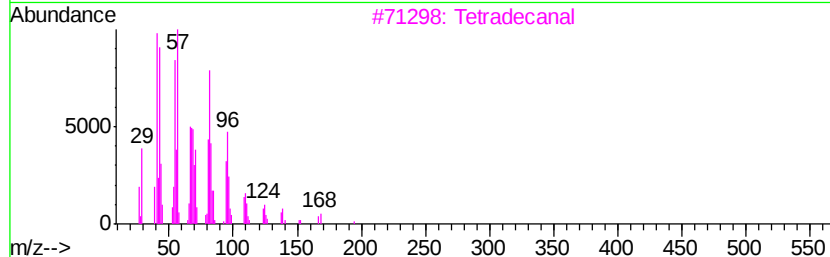
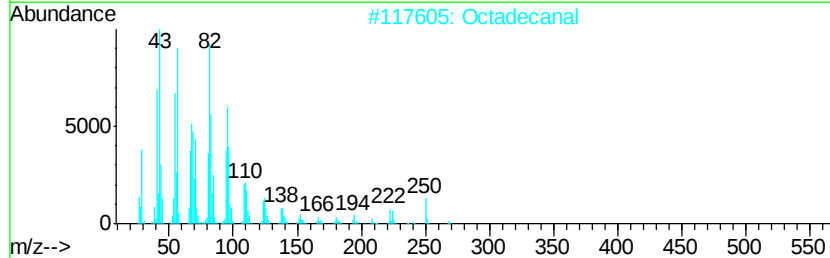
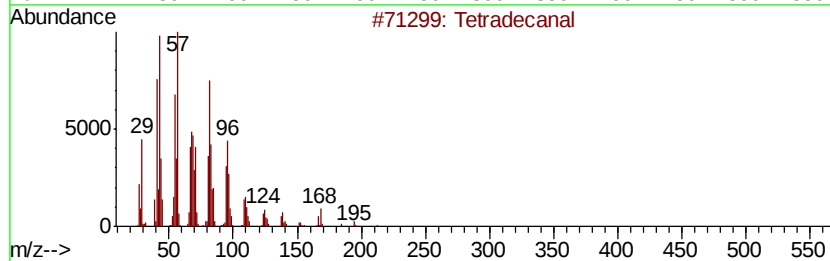
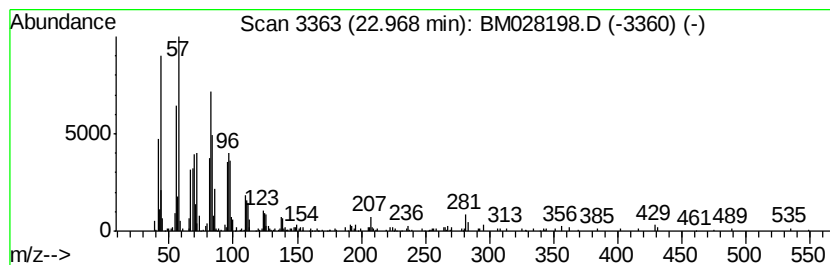
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Peak Number 3 Tetradecanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.97	2.45 ng/ul	179783	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanal	212	C14H28O	000124-25-4	91
2		Octadecanal	268	C18H36O	000638-66-4	91
3		Tetradecanal	212	C14H28O	000124-25-4	90
4		Octadecanal	268	C18H36O	000638-66-4	87
5		Cycloheptadecanol	254	C17H34O	004429-77-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028198.D
Acq On : 19 Dec 2020 15:45
Operator : JU/CG
Sample : L5071-06
Misc :
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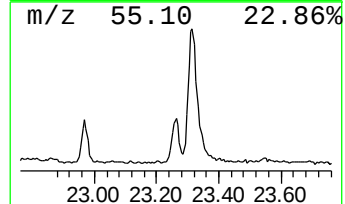
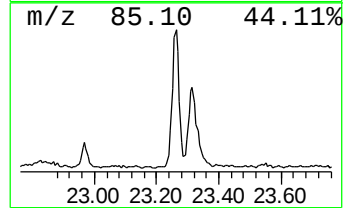
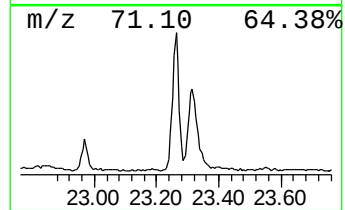
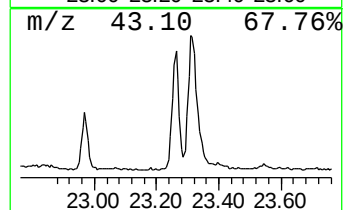
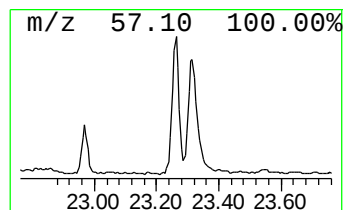
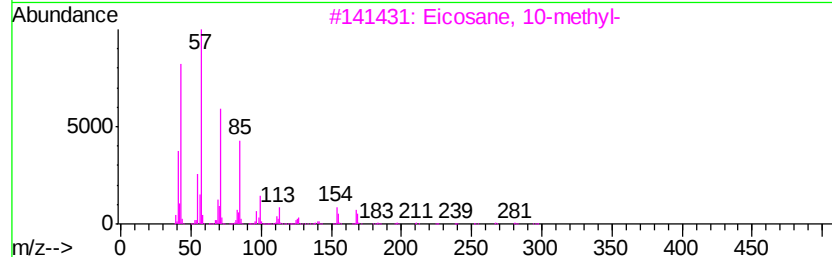
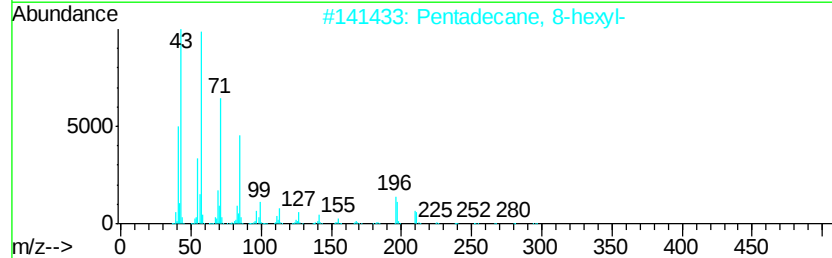
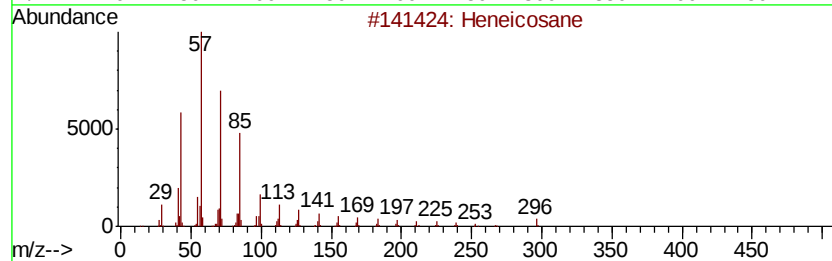
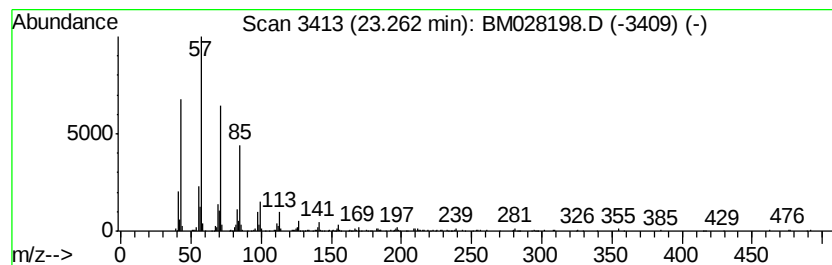
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Quant Title : SVOA CALIBRATION

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.
23.26	3.57 ng/ul	262410	Perylene-d12	24.03

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	96
2	Pentadecane, 8-hexyl-		296	C21H44	013475-75-7	93
3	Eicosane, 10-methyl-		296	C21H44	054833-23-7	93
4	Tetracosane		338	C24H50	000646-31-1	90
5	Heptacosane		380	C27H56	000593-49-7	90



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Operator : JU/CG
Sample : L5071-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54J6

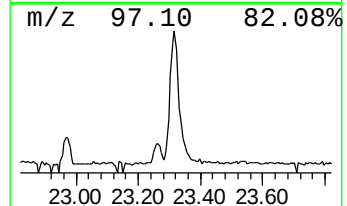
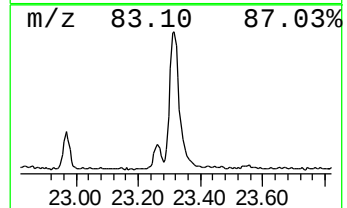
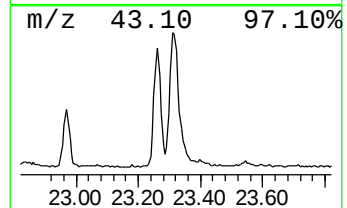
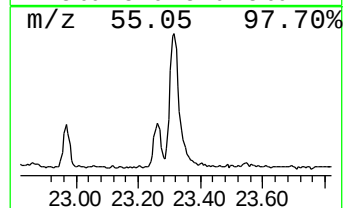
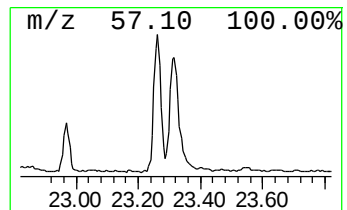
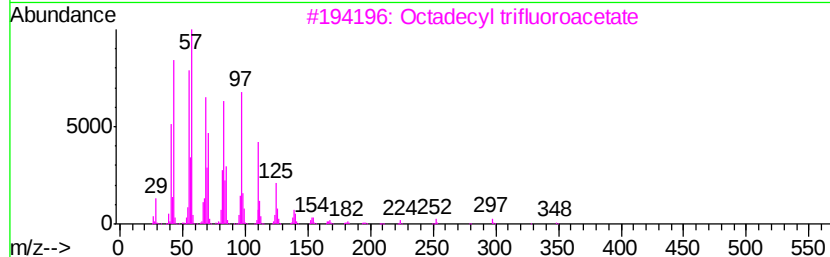
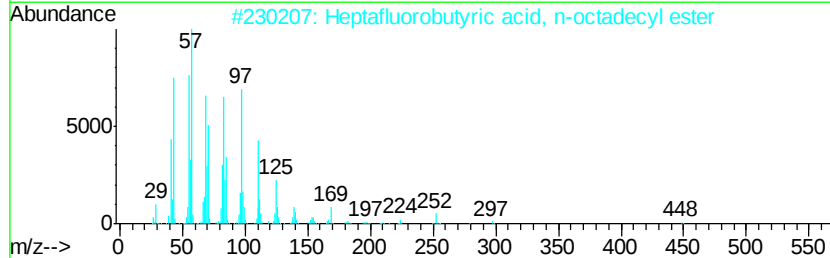
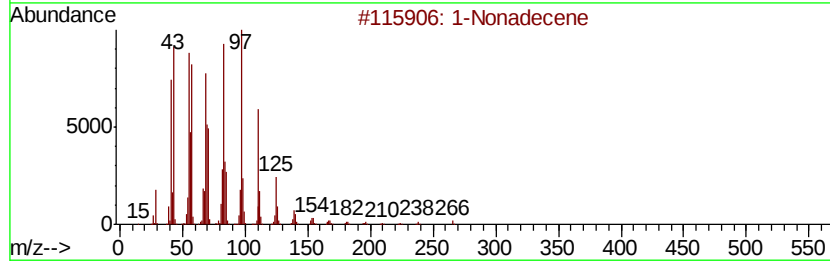
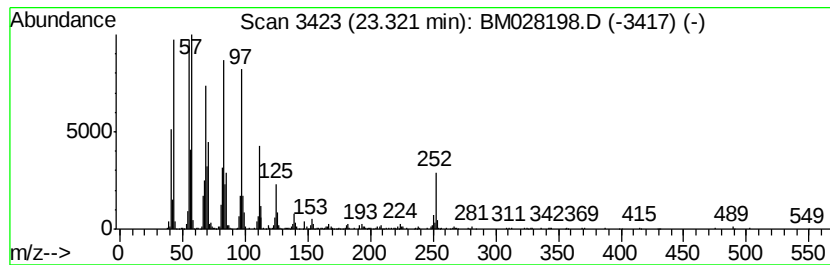
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	10.92 ng/ul	801611	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
3		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4		Heptadecyl heptafluorobutyrat	452	C21H35F7O2	959085-66-6	93
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
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Operator : JU/CG
Sample : L5071-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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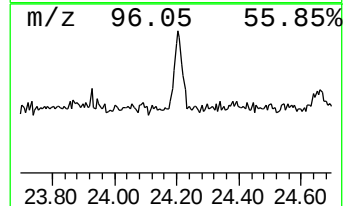
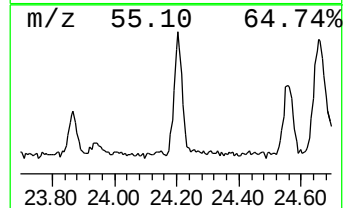
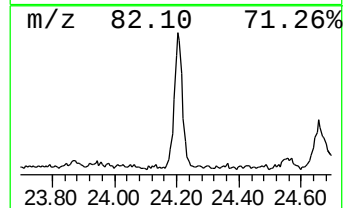
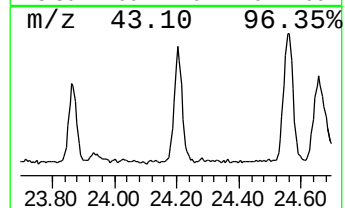
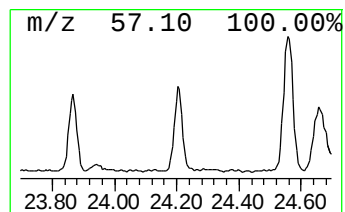
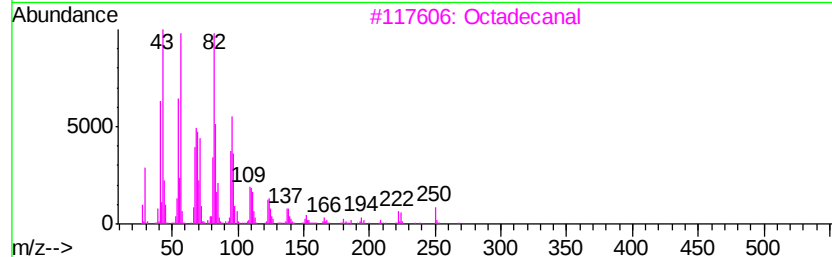
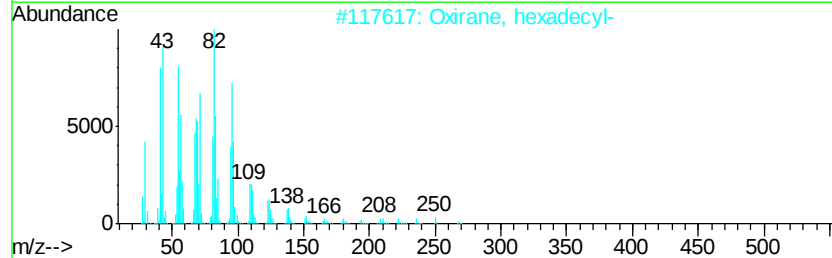
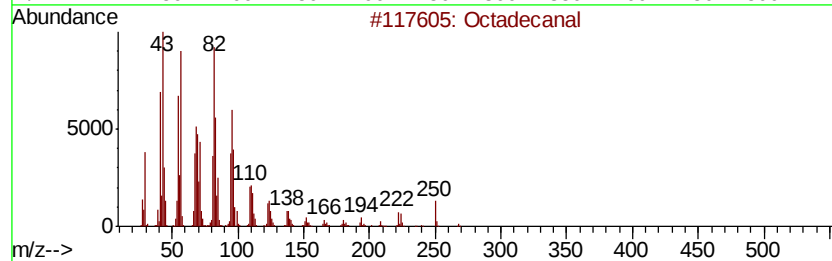
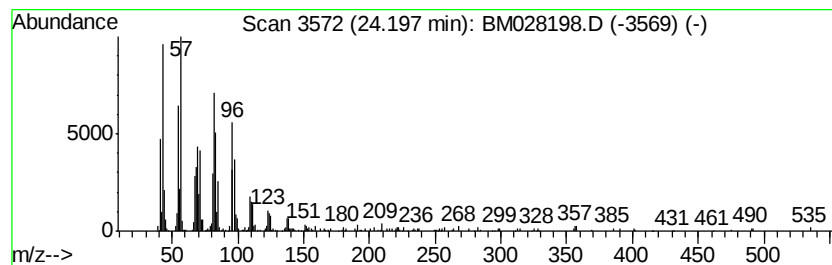
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	4.64 ng/ul	340644	Perylene-d12	24.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
3		Octadecanal	268	C18H36O	000638-66-4	94
4		Octadecanal	268	C18H36O	000638-66-4	91
5		(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121820\
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Sample : L5071-06
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.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
Toluene	4.22	35.9	ng/ul	1531460	1	8.20	853453	20.0
(DEL) Alkane: Cyc...	21.35	5.8	ng/ul	464941	5	21.66	1595040	20.0
Tetradecanal	22.97	2.5	ng/ul	179783	6	24.03	1468140	20.0
(DEL) Alkane: Str...	23.26	3.6	ng/ul	262410	6	24.03	1468140	20.0
(DEL) Alkane: Str...	23.32	10.9	ng/ul	801611	6	24.03	1468140	20.0
Octadecanal	24.20	4.6	ng/ul	340644	6	24.03	1468140	20.0