

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
 Data File : BM028174.D
 Acq On : 19 Dec 2020 00:42
 Operator : JU/CG
 Sample : L5068-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54H4

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	36	39	46	rVB	21262	28934	1.56%	0.124%
2	3.881	116	118	126	rVB3	9275	15117	0.82%	0.065%
3	3.993	133	137	142	rVB	31269	39925	2.16%	0.171%
4	4.222	174	176	181	rVB3	6232	9562	0.52%	0.041%
5	5.316	359	362	369	rBV5	5018	8542	0.46%	0.036%
6	6.240	516	519	523	rBV4	4029	5375	0.29%	0.023%
7	6.275	523	525	530	rVB5	2068	3320	0.18%	0.014%
8	7.345	700	707	725	rVB2	306358	565947	30.60%	2.418%
9	7.516	729	736	744	rBV	241886	392369	21.21%	1.676%
10	7.728	765	772	779	rBV	340211	535212	28.93%	2.286%
11	7.792	779	783	790	rVB2	16931	31063	1.68%	0.133%
12	7.986	812	816	823	rVB4	3365	6918	0.37%	0.030%
13	8.204	847	853	860	rBV	420737	689814	37.29%	2.947%
14	8.439	889	893	898	rVB6	3113	4203	0.23%	0.018%
15	8.910	966	973	984	rVB	320702	506097	27.36%	2.162%
16	9.380	1046	1053	1061	rBV	292313	467737	25.29%	1.998%
17	9.539	1076	1080	1085	rVB4	3098	4368	0.24%	0.019%
18	9.769	1110	1119	1125	rVB2	10781	18151	0.98%	0.078%
19	10.110	1170	1177	1187	rVB	231654	381230	20.61%	1.629%
20	10.227	1190	1197	1199	rBV6	2329	3587	0.19%	0.015%
21	10.645	1261	1268	1276	rBV	367530	595946	32.22%	2.546%
22	11.033	1326	1334	1341	rBV	568219	953653	51.56%	4.074%
23	11.163	1349	1356	1369	rVB	227960	382297	20.67%	1.633%
24	12.421	1564	1570	1573	rBV5	2023	3660	0.20%	0.016%
25	12.498	1578	1583	1589	rVB	10636	15588	0.84%	0.067%
26	12.610	1596	1602	1606	rBV	6172	9802	0.53%	0.042%
27	13.192	1698	1701	1708	rVB5	2916	4828	0.26%	0.021%
28	13.439	1738	1743	1749	rBV4	5942	9071	0.49%	0.039%
29	13.639	1774	1777	1782	rBV4	3998	6557	0.35%	0.028%
30	13.716	1786	1790	1795	rVV4	3971	6014	0.33%	0.026%
31	14.074	1846	1851	1857	rVB2	14994	21261	1.15%	0.091%
32	14.163	1863	1866	1869	rVB4	2157	2949	0.16%	0.013%
33	14.227	1871	1877	1882	rVV	579077	813740	43.99%	3.476%
34	14.274	1882	1885	1893	rVV	151123	199887	10.81%	0.854%

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Integrator: RTE
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35	14.457	1913	1916	1920	rBV5	2344	3685	0.20%	0.016%
36	14.527	1922	1928	1940	rVB	688138	1025555	55.44%	4.381%
37	14.704	1955	1958	1963	rVB3	5225	6493	0.35%	0.028%
38	14.833	1973	1980	1988	rVB	822954	1186386	64.14%	5.068%
39	14.957	1997	2001	2003	rBV	8921	9682	0.52%	0.041%
40	14.998	2003	2008	2015	rBV	194420	276936	14.97%	1.183%
41	15.074	2015	2021	2032	rVV	1276214	1849727	100.00%	7.902%
42	15.157	2032	2035	2040	rVB3	14770	24769	1.34%	0.106%
43	15.210	2040	2044	2045	rBV4	3837	3698	0.20%	0.016%
44	15.298	2057	2059	2065	rVB7	2991	5347	0.29%	0.023%
45	15.598	2105	2110	2115	rBV5	4272	8296	0.45%	0.035%
46	15.651	2115	2119	2123	rVB6	9841	14606	0.79%	0.062%
47	15.815	2135	2147	2152	rBV	878041	1270105	68.66%	5.426%
48	15.857	2152	2154	2158	rVV3	11094	13240	0.72%	0.057%
49	15.921	2158	2165	2173	rVV	258865	353266	19.10%	1.509%
50	16.051	2180	2187	2191	rBV2	9705	15254	0.82%	0.065%
51	16.157	2200	2205	2210	rBV7	1854	3077	0.17%	0.013%
52	16.439	2249	2253	2259	rBV	87795	135598	7.33%	0.579%
53	16.492	2259	2262	2268	rVV3	13034	23000	1.24%	0.098%
54	16.533	2268	2269	2275	rVV2	3813	4839	0.26%	0.021%
55	16.586	2275	2278	2281	rVB4	3291	4159	0.22%	0.018%
56	16.686	2292	2295	2298	rVB3	3560	3427	0.19%	0.015%
57	16.780	2307	2311	2316	rVB3	6074	8849	0.48%	0.038%
58	16.839	2316	2321	2322	rBV5	2379	3173	0.17%	0.014%
59	16.998	2344	2348	2358	rVB6	15335	22840	1.23%	0.098%
60	17.086	2358	2363	2366	rBV4	6767	9107	0.49%	0.039%
61	17.145	2369	2373	2380	rVB8	9257	12421	0.67%	0.053%
62	17.286	2393	2397	2401	rBV4	6183	8166	0.44%	0.035%
63	17.339	2401	2406	2410	rBV3	3993	6011	0.32%	0.026%
64	17.374	2410	2412	2415	rVB4	3051	3222	0.17%	0.014%
65	17.409	2415	2418	2419	rBV3	3513	3308	0.18%	0.014%
66	17.480	2426	2430	2436	rBV6	2079	2995	0.16%	0.013%
67	17.551	2436	2442	2447	rBV	986424	1333574	72.10%	5.697%
68	17.592	2447	2449	2453	rVV	48162	60295	3.26%	0.258%
69	17.651	2453	2459	2470	rVV2	880405	1249118	67.53%	5.336%
70	17.727	2470	2472	2476	rVB5	3294	3929	0.21%	0.017%
71	18.009	2516	2520	2522	rBV5	3254	4101	0.22%	0.018%

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72	18.056	2526	2528	2535	rVB6	2665	5009	0.27%	0.021%
73	18.121	2535	2539	2542	rBV4	4410	6362	0.34%	0.027%
74	18.192	2548	2551	2555	rBV6	2778	4204	0.23%	0.018%
75	18.256	2560	2562	2565	rBV3	2691	3503	0.19%	0.015%
76	18.286	2565	2567	2571	rVV5	5331	6653	0.36%	0.028%
77	18.351	2573	2578	2581	rVV3	21306	28973	1.57%	0.124%
78	18.403	2583	2587	2593	rVV2	108951	164161	8.87%	0.701%
79	18.462	2594	2597	2604	rVV3	23931	44846	2.42%	0.192%
80	18.545	2608	2611	2615	rVB4	4702	6872	0.37%	0.029%
81	18.603	2615	2621	2625	rBV2	17350	34733	1.88%	0.148%
82	18.645	2625	2628	2633	rVB4	12217	17347	0.94%	0.074%
83	18.698	2634	2637	2642	rVV6	3519	6335	0.34%	0.027%
84	18.903	2669	2672	2676	rVV2	11025	13505	0.73%	0.058%
85	18.950	2676	2680	2684	rVB6	7499	12160	0.66%	0.052%
86	19.139	2711	2712	2715	rBV3	5513	4481	0.24%	0.019%
87	19.315	2738	2742	2747	rBV2	20341	30278	1.64%	0.129%
88	19.450	2763	2765	2773	rVB8	8114	12270	0.66%	0.052%
89	19.521	2774	2777	2778	rBV3	7444	8356	0.45%	0.036%
90	19.545	2778	2781	2782	rVV	20445	22114	1.20%	0.094%
91	19.574	2782	2786	2792	rVB	110021	151833	8.21%	0.649%
92	19.662	2797	2801	2806	rVB5	31443	45182	2.44%	0.193%
93	19.797	2821	2824	2835	rBV6	14007	32168	1.74%	0.137%
94	19.909	2837	2843	2855	rVV2	1067358	1657642	89.62%	7.081%
95	20.386	2920	2924	2926	rBV4	22496	35092	1.90%	0.150%
96	21.350	3084	3088	3093	rBV	295426	393196	21.26%	1.680%
97	21.662	3135	3141	3145	rBV	1109786	1505627	81.40%	6.432%
98	23.315	3417	3422	3434	rVB	282472	621979	33.63%	2.657%
99	23.874	3511	3517	3524	rBV	759989	1406360	76.03%	6.008%
100	24.027	3537	3543	3552	rVB	720451	1411941	76.33%	6.032%

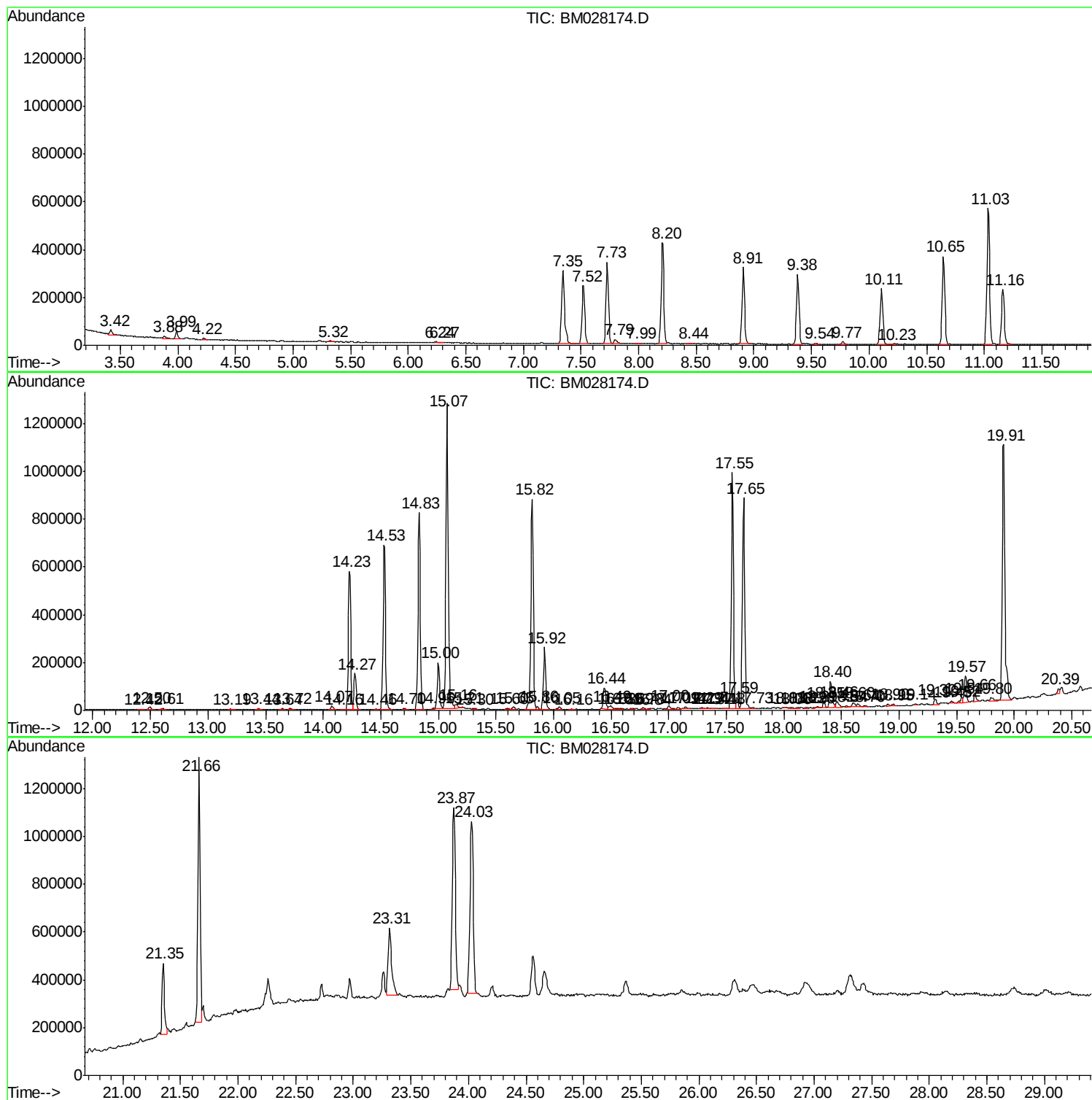
Sum of corrected areas: 23408160

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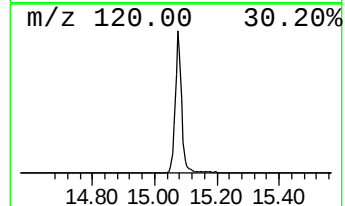
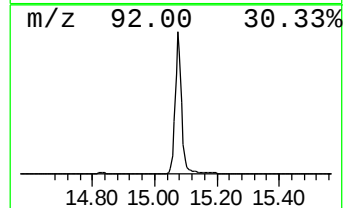
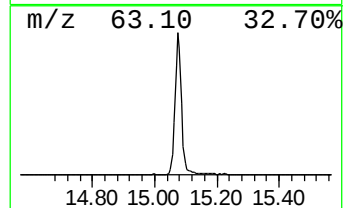
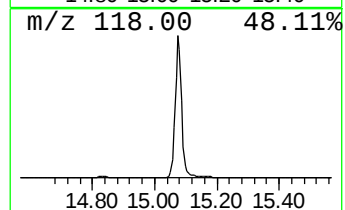
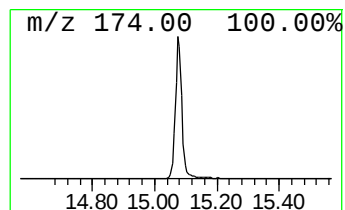
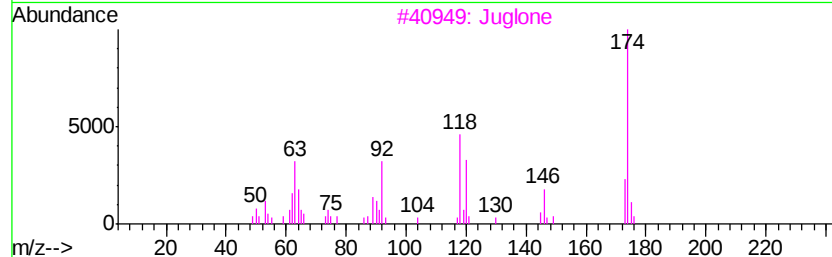
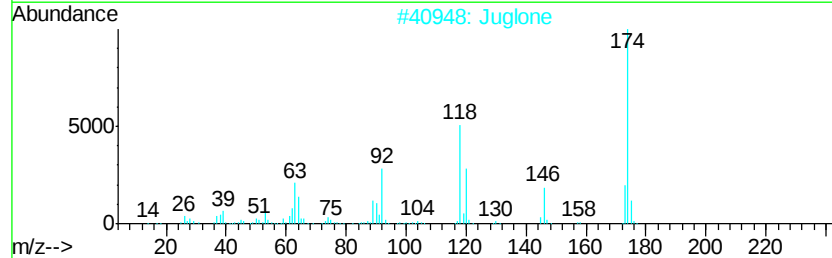
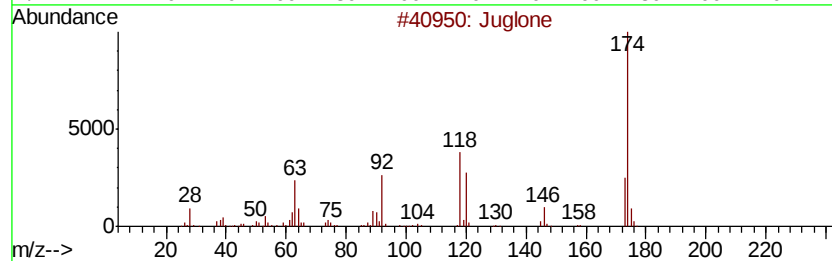
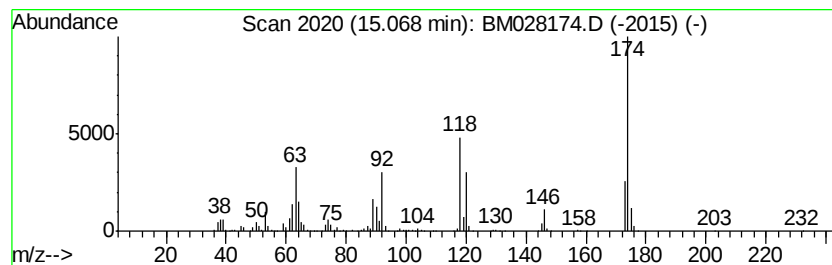
Instrument :
BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	31.18 ng/ul	1849730	Acenaphthene-d10	14.83
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone		174 C10H6O3	000481-39-0 97
2	Juglone		174 C10H6O3	000481-39-0 95
3	Juglone		174 C10H6O3	000481-39-0 91
4	1-Methyl-5-(4-methylphenyl)tetra...		174 C9H10N4	068826-33-5 47
5	Benzene, 1,3-diisocyanato-2-methyl-		174 C9H6N2O2	000091-08-7 43



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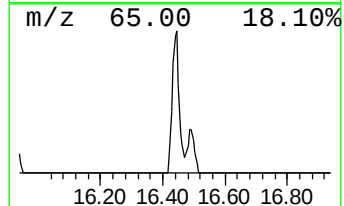
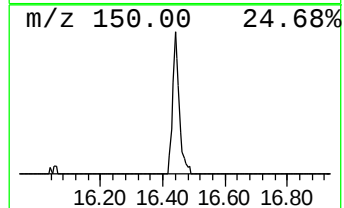
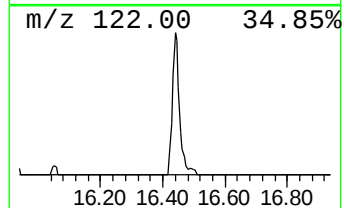
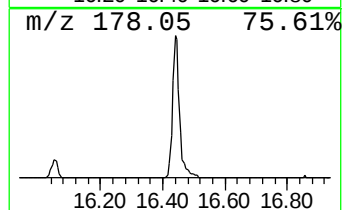
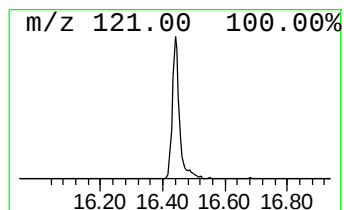
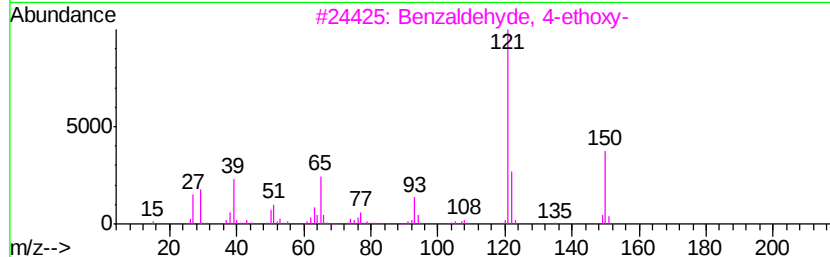
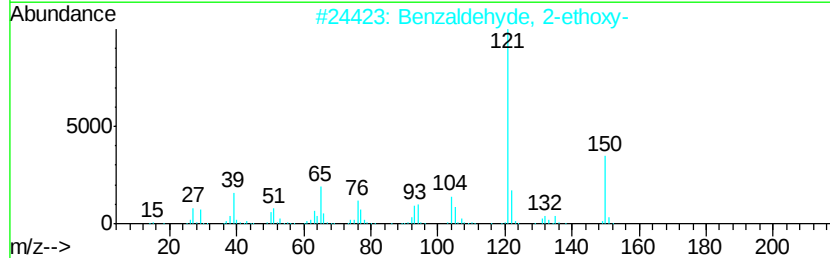
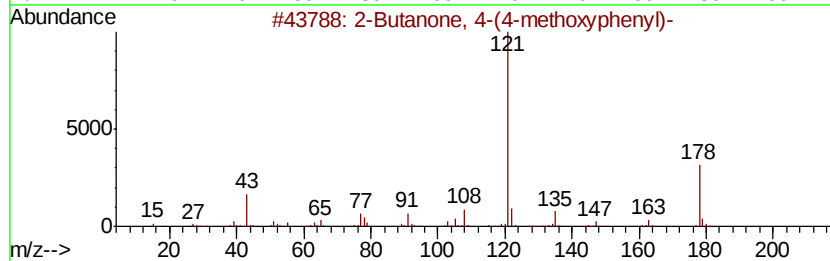
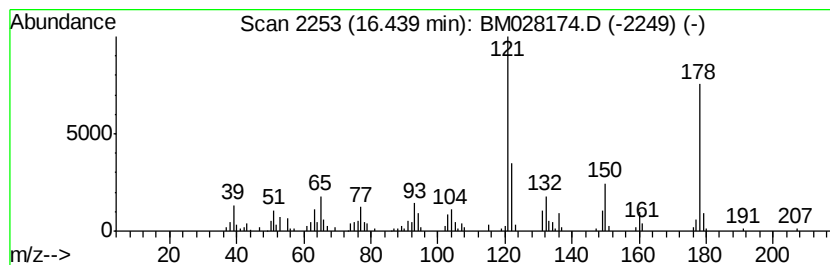
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.03 ng/ul	135598	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butanone, 4-(4-methoxyphenyl)-	178	C11H14O2	000104-20-1	47
2		Benzaldehyde, 2-ethoxy-	150	C9H10O2	000613-69-4	46
3		Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	46
4		Benzaldehyde, 2-ethoxy-	150	C9H10O2	000613-69-4	45
5		1(2H)-Naphthalenone, 3,4-dihydro...	178	C10H10O3	054549-75-6	43



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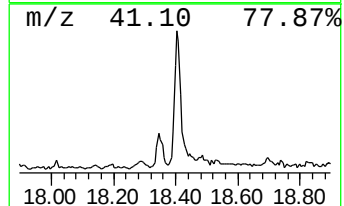
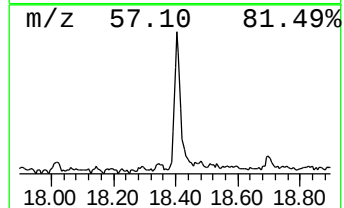
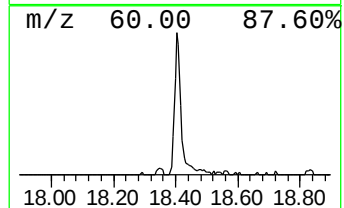
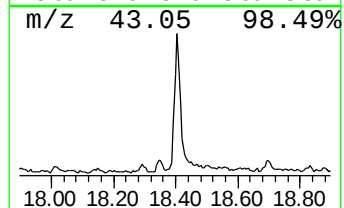
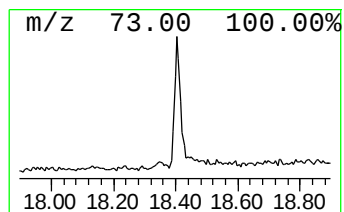
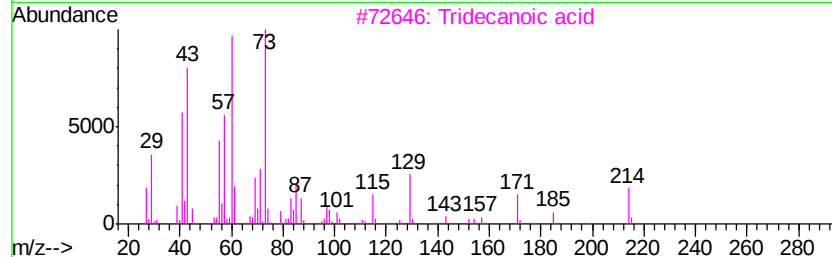
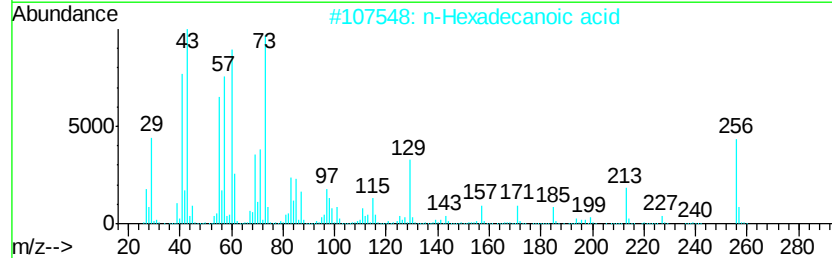
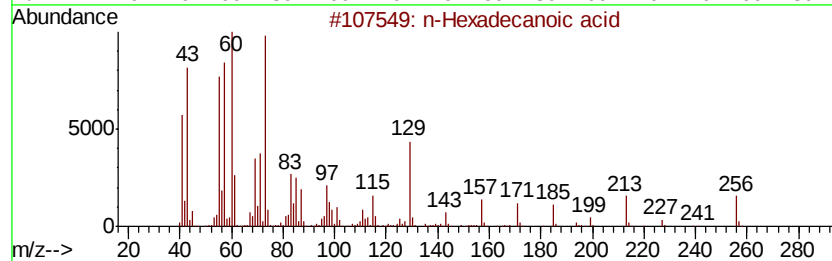
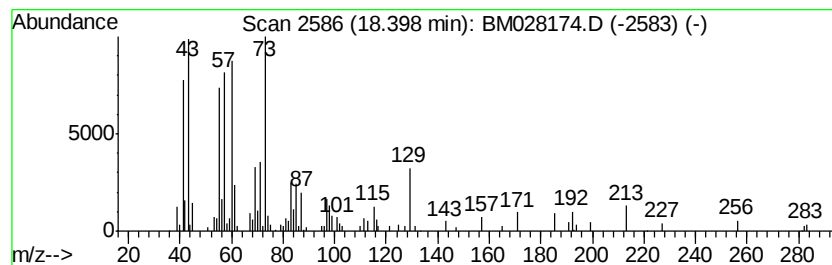
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.46 ng/ul	164161	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5		Tridecanoic acid	214	C13H26O2	000638-53-9	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028174.D
Acq On : 19 Dec 2020 00:42
Operator : JU/CG
Sample : L5068-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54H4

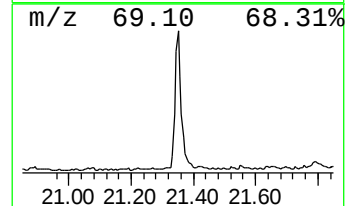
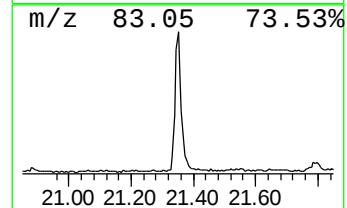
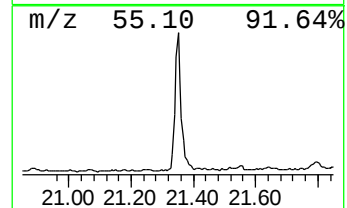
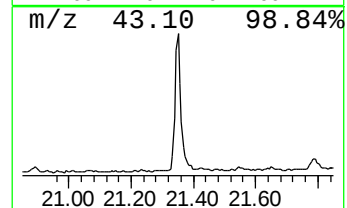
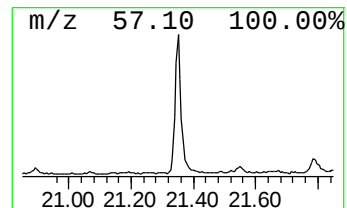
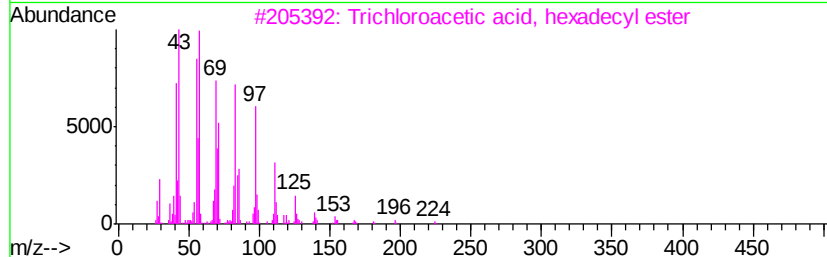
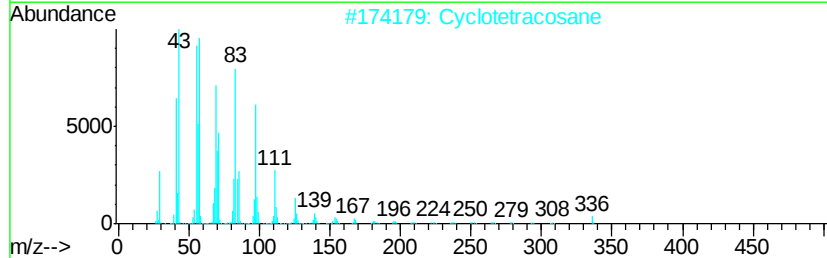
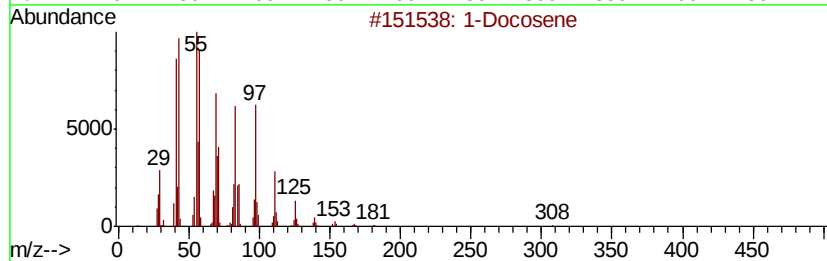
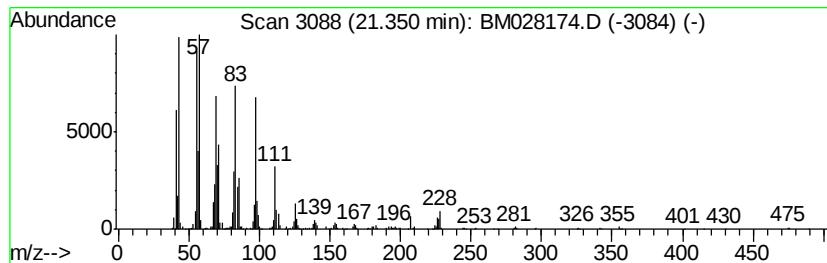
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.22 ng/ul	393196	Chrysene-d12	21.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	95
2		Cyclotetracosane	336	C24H48	000297-03-0	95
3		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121820\
Data File : BM028174.D
Acq On : 19 Dec 2020 00:42
Operator : JU/CG
Sample : L5068-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A54H4

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
Juglone	15.07	31.2	ng/ul	1849730	3	14.83	1186390	20.0
unknown-01	16.44	2.0	ng/ul	135598	4	17.55	1333570	20.0
n-Hexadecanoic acid	18.40	2.5	ng/ul	164161	4	17.55	1333570	20.0
(DEL) Alkane: Str...	21.35	5.2	ng/ul	393196	5	21.66	1505630	20.0