

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005946.D
 Acq On : 30 May 2019 00:18
 Operator : JU/SJ
 Sample : K2924-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4278

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-BN052819MA.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	3.266	16	19	32	rVB	127167	216855	1.84%	0.136%
2	3.677	87	89	95	rVB4	15544	22571	0.19%	0.014%
3	3.771	102	105	110	rVB	72083	90184	0.77%	0.056%
4	3.895	121	126	137	rVB	117862	213888	1.82%	0.134%
5	3.989	139	142	148	rVB	26364	43626	0.37%	0.027%
6	4.083	155	158	165	rVB7	18088	31642	0.27%	0.020%
7	4.342	199	202	206	rVB5	21135	23489	0.20%	0.015%
8	4.442	214	219	221	rBV6	12806	21239	0.18%	0.013%
9	4.877	288	293	300	rVV	124046	193056	1.64%	0.121%
10	4.971	304	309	316	rVB4	28493	46014	0.39%	0.029%
11	5.836	453	456	465	rVB	32798	53104	0.45%	0.033%
12	6.148	504	509	514	rVB4	17525	28541	0.24%	0.018%
13	6.395	546	551	557	rBV6	15981	24378	0.21%	0.015%
14	6.748	606	611	615	rBV3	20564	37827	0.32%	0.024%
15	6.912	630	639	651	rVB	2353103	3831321	32.57%	2.400%
16	7.077	655	667	679	rBV	1974644	3146122	26.74%	1.971%
17	7.271	691	700	708	rBV	2454562	3987736	33.90%	2.498%
18	7.336	708	711	718	rVV	60051	103052	0.88%	0.065%
19	7.742	771	780	786	rBV	2162291	3421401	29.08%	2.143%
20	7.801	786	790	796	rVB	55889	87944	0.75%	0.055%
21	8.442	891	899	907	rBV	2909586	4646873	39.50%	2.911%
22	8.559	914	919	923	rVB2	20027	31054	0.26%	0.019%
23	8.895	968	976	984	rVV	2386896	3868887	32.89%	2.424%
24	9.053	998	1003	1008	rVB7	25258	43685	0.37%	0.027%
25	9.306	1037	1046	1051	rBV	106016	166389	1.41%	0.104%
26	9.612	1089	1098	1111	rBV	1489033	2469893	21.00%	1.547%
27	9.759	1118	1123	1131	rVB	10888	27673	0.24%	0.017%
28	10.148	1182	1189	1199	rBV	3133590	5036526	42.81%	3.155%
29	10.300	1212	1215	1220	rBV7	16384	25113	0.21%	0.016%
30	10.524	1244	1253	1260	rBV	3099320	5166761	43.92%	3.237%
31	10.577	1260	1262	1267	rVV	25763	34524	0.29%	0.022%
32	10.659	1267	1276	1296	rVV2	2279494	4234338	35.99%	2.652%
33	11.312	1382	1387	1395	rBV4	30575	52036	0.44%	0.033%
34	11.483	1404	1416	1424	rBV2	45469	196195	1.67%	0.123%

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35	11.947	1491	1495	1500	rBV7	22348	34382	0.29%	0.022%
36	12.018	1503	1507	1513	rVV3	24647	43417	0.37%	0.027%
37	12.118	1516	1524	1530	rVB	63024	107635	0.91%	0.067%
38	12.194	1532	1537	1541	rVB5	15854	24991	0.21%	0.016%
39	12.412	1568	1574	1578	rBV3	12876	21165	0.18%	0.013%
40	12.736	1626	1629	1633	rVB6	15207	22375	0.19%	0.014%
41	12.983	1665	1671	1677	rBV7	14921	25234	0.21%	0.016%
42	13.112	1685	1693	1696	rBV8	18683	32271	0.27%	0.020%
43	13.159	1696	1701	1706	rVV4	28156	47408	0.40%	0.030%
44	13.206	1706	1709	1714	rVB3	27049	35632	0.30%	0.022%
45	13.347	1729	1733	1738	rVB3	24845	37957	0.32%	0.024%
46	13.559	1762	1769	1773	rVB9	12677	27098	0.23%	0.017%
47	13.624	1773	1780	1787	rBV	138330	243588	2.07%	0.153%
48	13.700	1790	1793	1798	rVV5	35080	53686	0.46%	0.034%
49	13.794	1798	1809	1813	rVV	5212075	7087371	60.25%	4.440%
50	13.841	1813	1817	1824	rVV	1718378	2330312	19.81%	1.460%
51	14.077	1850	1857	1867	rVV	5964353	8998327	76.49%	5.637%
52	14.147	1867	1869	1875	rVB7	20342	23028	0.20%	0.014%
53	14.289	1889	1893	1898	rVB2	43142	52217	0.44%	0.033%
54	14.347	1898	1903	1904	rBV	244610	272366	2.32%	0.171%
55	14.388	1904	1910	1917	rVV2	4190072	6673538	56.73%	4.180%
56	14.447	1917	1920	1926	rVB	45849	75473	0.64%	0.047%
57	14.530	1928	1934	1938	rBV	85846	118396	1.01%	0.074%
58	14.588	1938	1944	1948	rBV	1866178	2647077	22.50%	1.658%
59	14.641	1948	1953	1966	rVV	4299203	6689877	56.87%	4.191%
60	14.736	1966	1969	1974	rVV	109757	183433	1.56%	0.115%
61	14.806	1975	1981	1985	rVB3	89094	167401	1.42%	0.105%
62	14.977	2007	2010	2014	rBV5	21604	38206	0.32%	0.024%
63	15.053	2020	2023	2028	rVB7	19639	30022	0.26%	0.019%
64	15.188	2041	2046	2051	rBV4	23975	46949	0.40%	0.029%
65	15.241	2051	2055	2059	rVV4	48886	77375	0.66%	0.048%
66	15.288	2059	2063	2069	rVV2	62544	97059	0.83%	0.061%
67	15.383	2069	2079	2085	rVV	7530575	11763968	100.00%	7.369%
68	15.435	2085	2088	2092	rVV3	59767	92344	0.78%	0.058%
69	15.506	2096	2100	2106	rVV	118720	163602	1.39%	0.102%
70	15.565	2106	2110	2114	rVV2	81358	107850	0.92%	0.068%
71	15.618	2114	2119	2127	rVB2	94956	187823	1.60%	0.118%

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72	15.883	2159	2164	2165	rBV5	23963	40400	0.34%	0.025%
73	15.906	2165	2168	2172	rVB4	43156	58684	0.50%	0.037%
74	16.065	2192	2195	2198	rVV4	15438	25578	0.22%	0.016%
75	16.112	2198	2203	2206	rVV4	56478	104841	0.89%	0.066%
76	16.153	2206	2210	2217	rVB	129557	229383	1.95%	0.144%
77	16.535	2272	2275	2280	rVB6	31929	43283	0.37%	0.027%
78	16.706	2302	2304	2311	rBV7	25646	43081	0.37%	0.027%
79	16.788	2314	2318	2320	rBV2	62516	87878	0.75%	0.055%
80	16.894	2334	2336	2339	rBV4	33150	35266	0.30%	0.022%
81	16.953	2343	2346	2351	rVB	62355	85905	0.73%	0.054%
82	17.135	2371	2377	2381	rBV2	5287124	7557505	64.24%	4.734%
83	17.177	2381	2384	2388	rVV	926377	1234911	10.50%	0.774%
84	17.235	2388	2394	2404	rVB2	7405863	10816736	91.95%	6.776%
85	17.377	2413	2418	2427	rBV2	541443	906935	7.71%	0.568%
86	17.535	2443	2445	2448	rBV	52051	49739	0.42%	0.031%
87	17.694	2468	2472	2482	rVB3	283923	457353	3.89%	0.286%
88	18.035	2523	2530	2539	rBV2	1427267	2456158	20.88%	1.539%
89	18.206	2555	2559	2563	rBV3	202587	339275	2.88%	0.213%
90	18.365	2583	2586	2590	rBV3	114095	141149	1.20%	0.088%
91	18.559	2616	2619	2628	rVB	170622	225028	1.91%	0.141%
92	19.200	2724	2728	2733	rVB	1864495	2437565	20.72%	1.527%
93	19.324	2746	2749	2752	rBV	376237	475304	4.04%	0.298%
94	19.541	2781	2786	2790	rBV	7420629	10886529	92.54%	6.820%
95	21.053	3039	3043	3049	rBV2	2620875	3462190	29.43%	2.169%
96	21.341	3087	3092	3096	rBV2	4429294	6567076	55.82%	4.114%
97	22.406	3270	3273	3286	rVB	3274237	4884337	41.52%	3.060%
98	22.929	3359	3362	3366	rBV2	1364351	1672401	14.22%	1.048%
99	23.482	3451	3456	3469	rVB4	3929927	9477917	80.57%	5.937%
100	23.623	3476	3480	3486	rVB	2663290	4529538	38.50%	2.837%

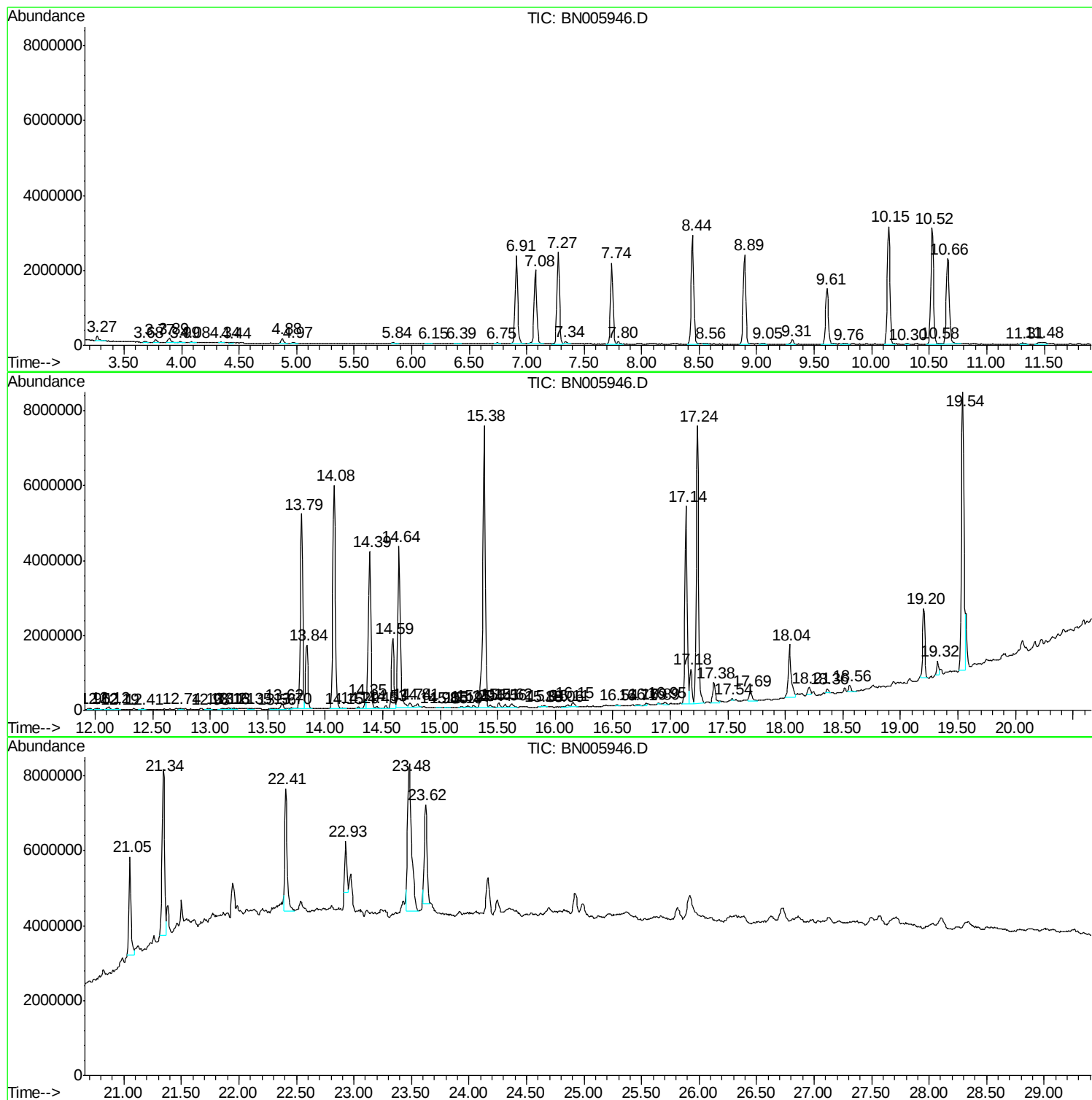
Sum of corrected areas: 159636735

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



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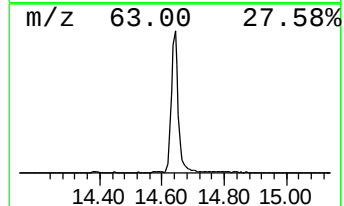
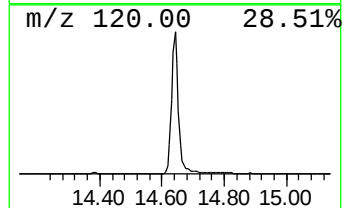
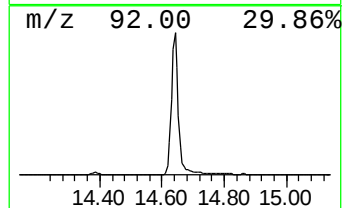
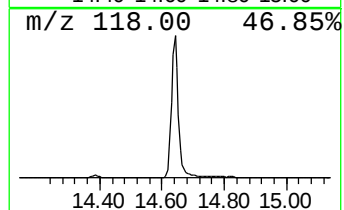
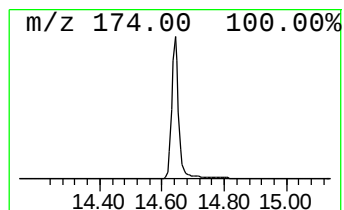
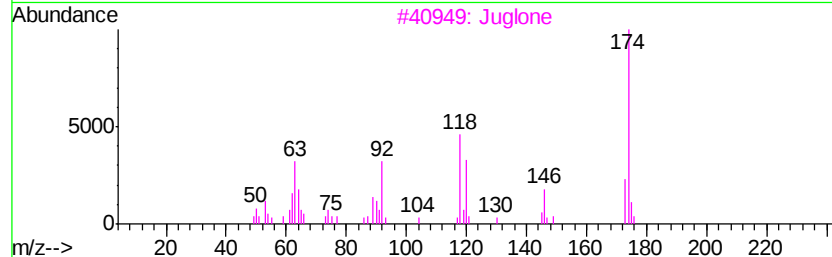
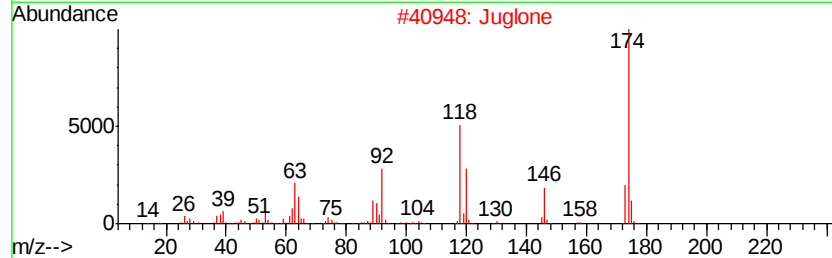
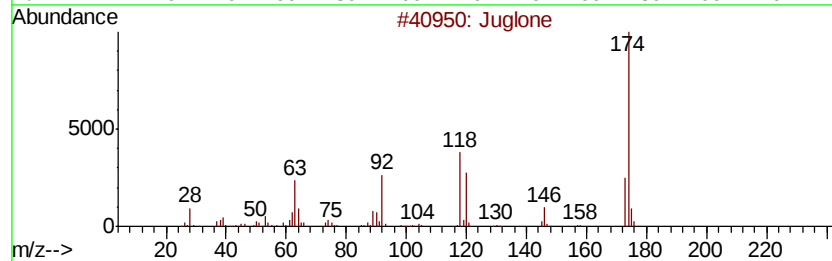
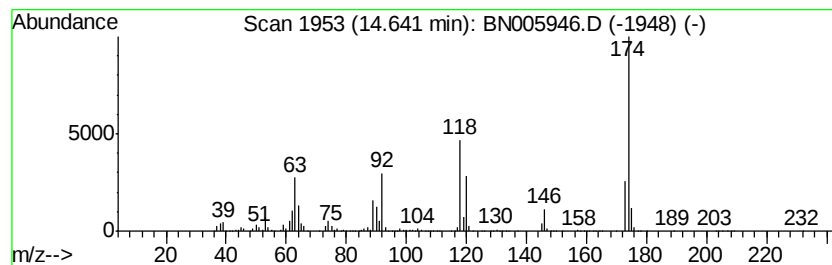
Instrument :
BNA_N
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A4278

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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.
14.64	20.05 ng/ul	6689880	Acenaphthene-d10	14.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Juglone	174 C10H6O3	000481-39-0	98
2	Juglone	174 C10H6O3	000481-39-0	94
3	Juglone	174 C10H6O3	000481-39-0	83
4	1-Methyl-5-(4-methylphenyl)tetra...	174 C9H10N4	068826-33-5	47
5	8-Quinolinol, 5-nitroso-	174 C9H6N2O2	003565-26-2	43



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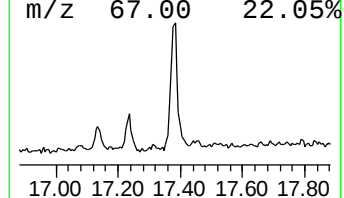
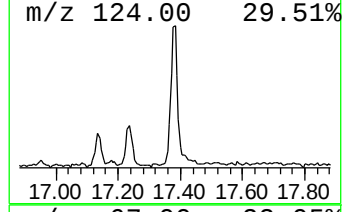
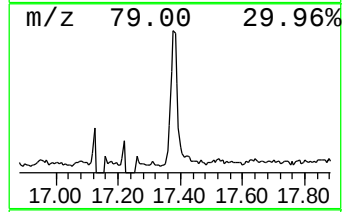
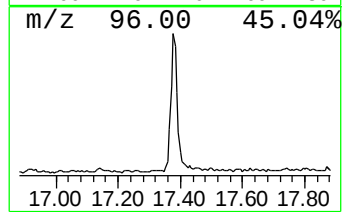
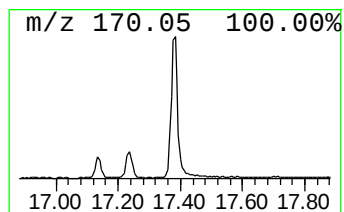
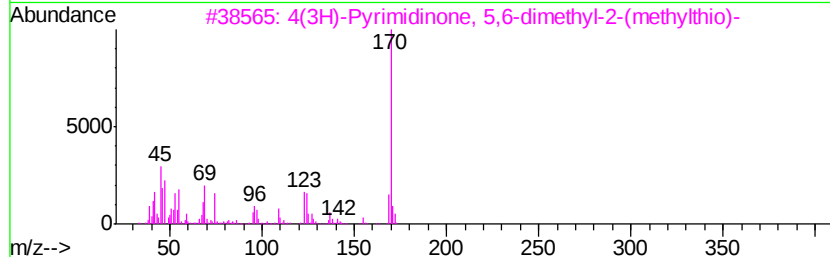
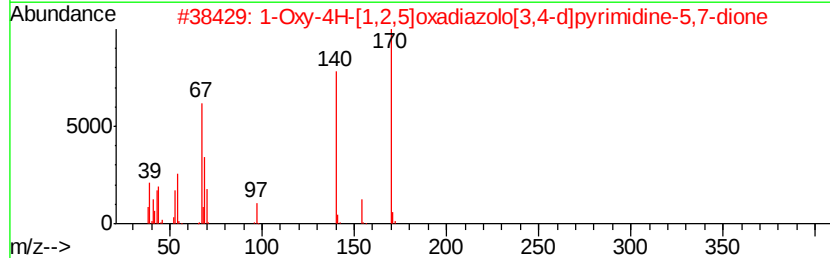
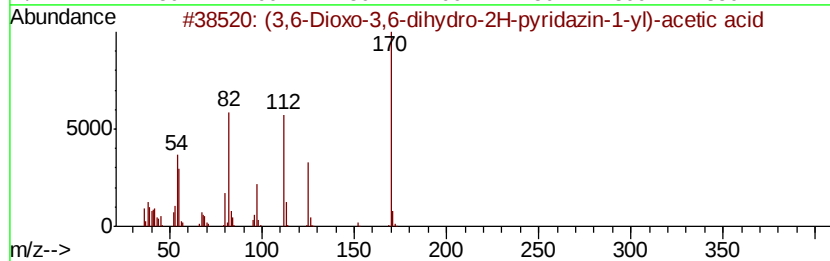
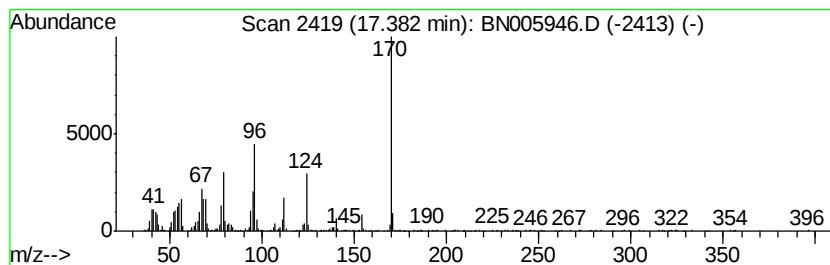
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Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.38	2.40 ng/ul	906935	Phenanthrene-d10	17.14	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3,6-Dioxo-3,6-dihydro-2H-pyrida...	170	C6H6N2O4	1000318-26-8	30
2	1-Oxy-4H-[1,2,5]oxadiazolo[3,4-d...	170	C4H2N4O4	1000317-89-3	27
3	4(3H)-Pvrimidinone, 5,6-dimethyl...	170	C7H10N2OS	1000351-64-3	25
4	2-Cvclohexen-1-one, 3,4-dimethyl-	124	C8H12O	1000197-00-4	25
5	l-Proline, N-isobutoxycarbonyl-,...	355	C20H37N04	1000313-74-2	25



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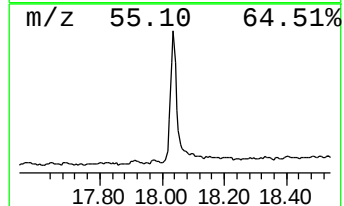
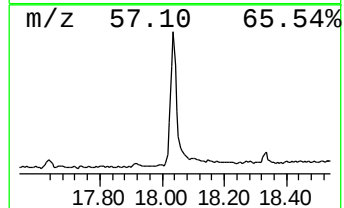
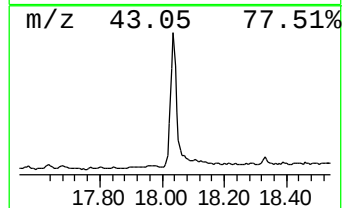
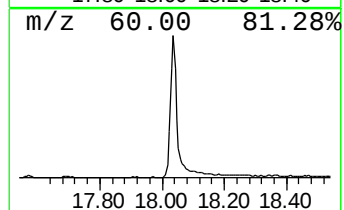
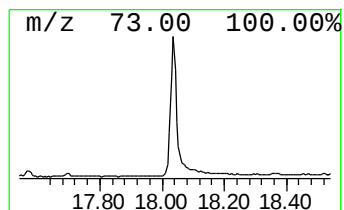
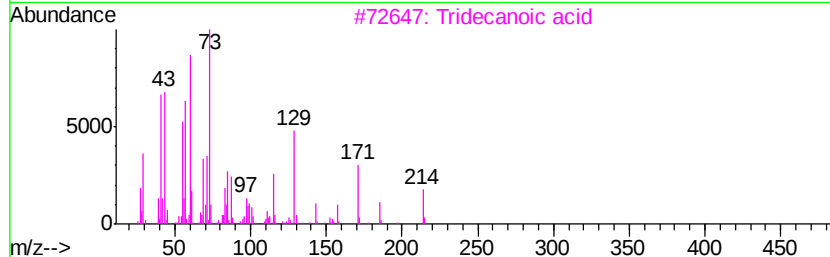
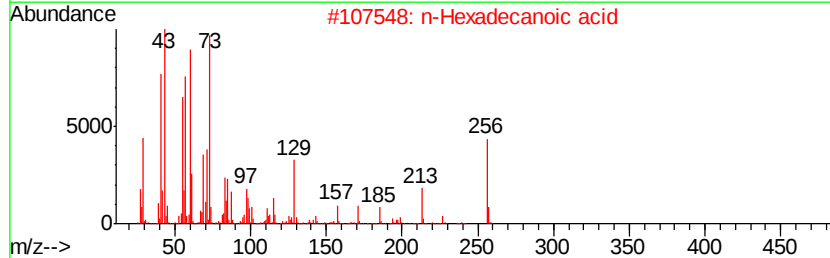
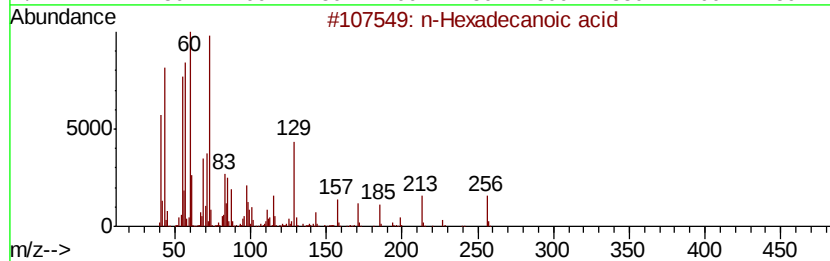
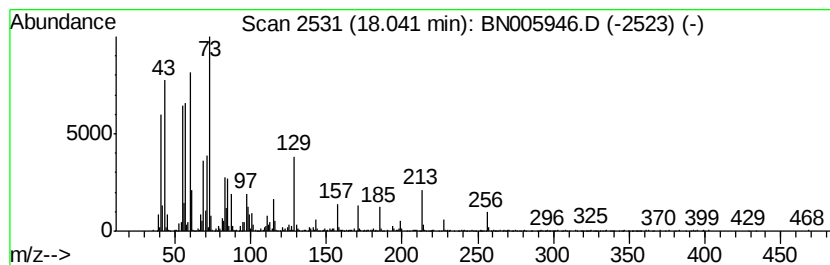
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	6.50 ng/ul	2456160	Phenanthrene-d10	17.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		Octadecanoic acid	284	C18H36O2	000057-11-4	94
5		Tridecanoic acid	214	C13H26O2	000638-53-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005946.D
Acq On : 30 May 2019 00:18
Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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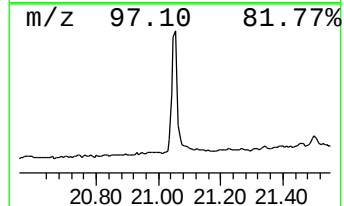
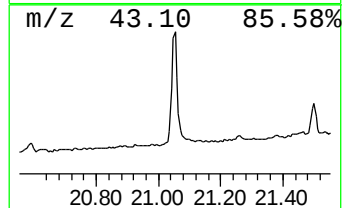
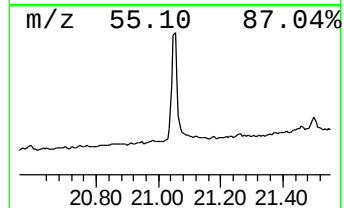
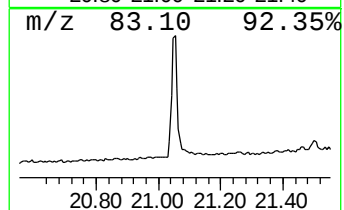
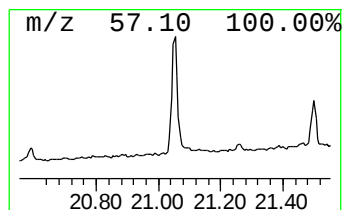
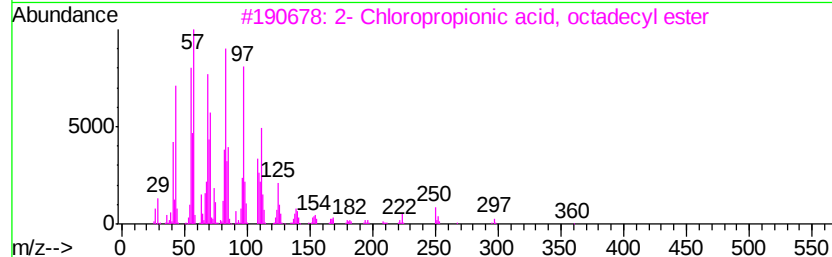
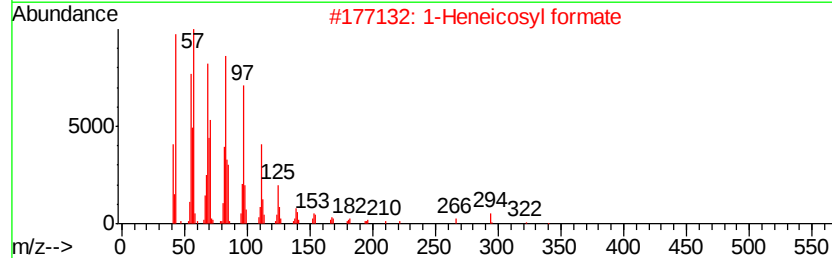
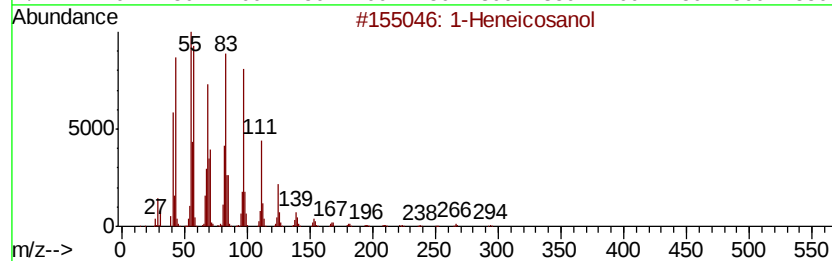
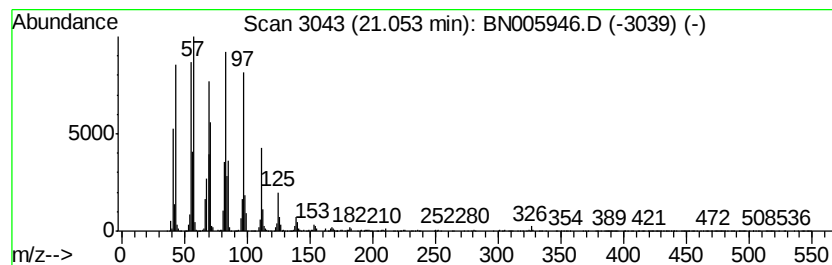
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	10.54 ng/ul	3462190	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosanol	312	C21H44O	015594-90-8	95
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
3		2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4		Behenic alcohol	326	C22H46O	000661-19-8	94
5		Cyclopentadecane	210	C15H30	000295-48-7	93



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Operator : JU/SJ
Sample : K2924-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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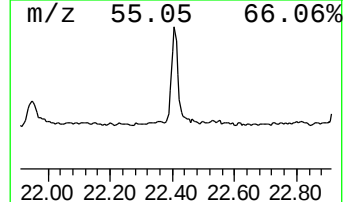
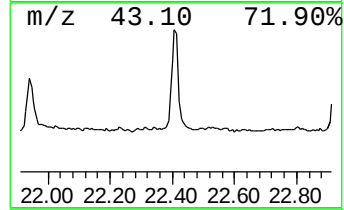
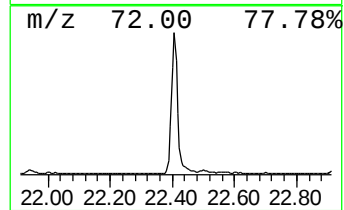
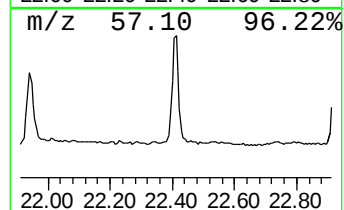
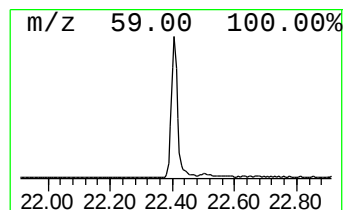
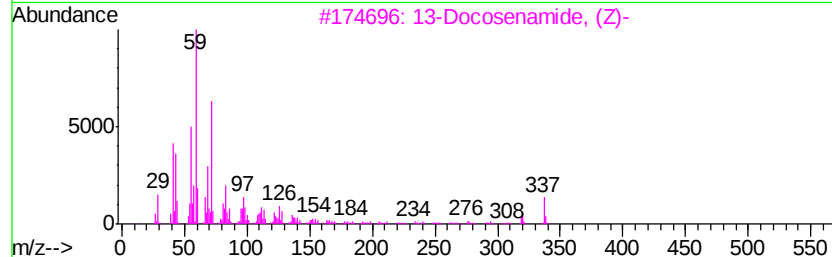
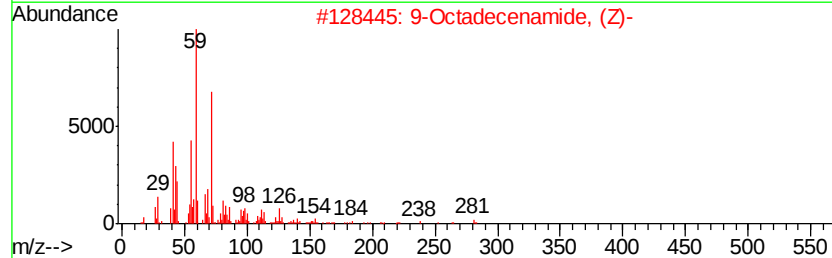
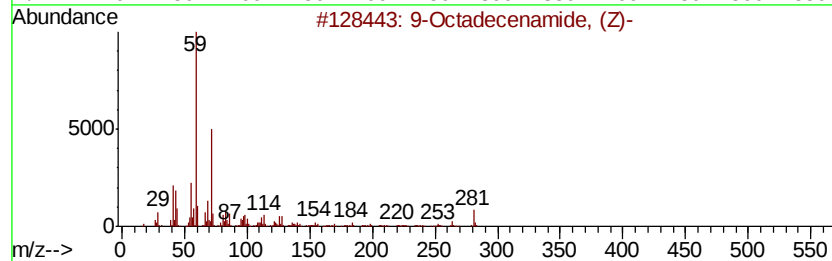
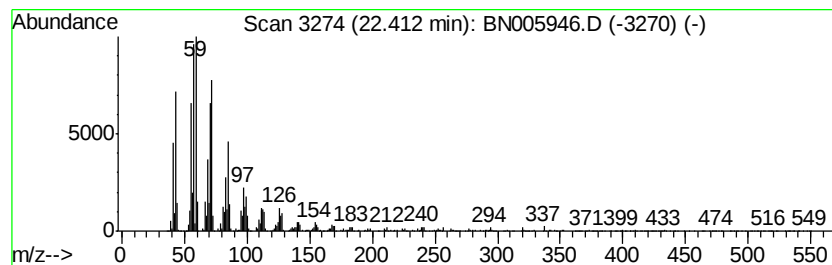
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	14.88 ng/ul	4884340	Chrysene-d12	21.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	52
4		3-Dodecanone	184	C12H24O	001534-27-6	30
5		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	30



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Sample : K2924-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4278

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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	14.64	20.1	ng/ul	6689880	3	14.38	6673540	20.0
unknown-01	17.38	2.4	ng/ul	906935	4	17.14	7557510	20.0
n-Hexadecanoic acid	18.04	6.5	ng/ul	2456160	4	17.14	7557510	20.0
1-Heneicosanol	21.05	10.5	ng/ul	3462190	5	21.35	6567080	20.0
9-Octadecenamide,...	22.41	14.9	ng/ul	4884340	5	21.35	6567080	20.0