

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005945.D
 Acq On : 29 May 2019 23:43
 Operator : JU/SJ
 Sample : K2928-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B6

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	3.271	16	20	26	rVB	68099	106097	1.10%	0.097%
2	3.771	102	105	115	rVB	96345	135426	1.40%	0.123%
3	3.895	121	126	133	rVB	126349	190261	1.97%	0.173%
4	3.989	138	142	148	rVB2	24004	44018	0.46%	0.040%
5	4.083	155	158	165	rVB6	18655	29367	0.30%	0.027%
6	4.342	200	202	208	rVB5	17901	28205	0.29%	0.026%
7	4.530	230	234	238	rVB4	19481	22029	0.23%	0.020%
8	4.771	270	275	276	rBV5	10837	14104	0.15%	0.013%
9	4.877	288	293	299	rBV	156346	237259	2.45%	0.216%
10	4.965	304	308	315	rVB2	27182	48902	0.51%	0.044%
11	5.836	455	456	463	rVB	17711	22059	0.23%	0.020%
12	6.142	503	508	513	rBV2	22009	36850	0.38%	0.034%
13	6.395	547	551	558	rVB9	10912	24163	0.25%	0.022%
14	6.618	581	589	596	rBV2	32280	61125	0.63%	0.056%
15	6.748	606	611	615	rBV2	19020	28984	0.30%	0.026%
16	6.783	615	617	621	rVB5	9842	12870	0.13%	0.012%
17	6.912	631	639	654	rVB	1479947	2440482	25.23%	2.220%
18	7.077	661	667	676	rVB	1139087	1786875	18.47%	1.626%
19	7.277	693	701	709	rBV	1484482	2401729	24.83%	2.185%
20	7.365	713	716	724	rVV7	15823	39022	0.40%	0.036%
21	7.430	724	727	732	rVB7	10094	15679	0.16%	0.014%
22	7.742	771	780	787	rBV	2460414	3842293	39.72%	3.496%
23	7.801	787	790	795	rVB2	28791	44268	0.46%	0.040%
24	8.442	891	899	907	rBV	1801108	2804762	29.00%	2.552%
25	8.495	907	908	915	rVV6	14882	23137	0.24%	0.021%
26	8.559	915	919	924	rVB	19866	29159	0.30%	0.027%
27	8.895	969	976	984	rBV	1390643	2243134	23.19%	2.041%
28	8.959	984	987	992	rVV7	8801	16245	0.17%	0.015%
29	9.001	992	994	996	rVV3	11261	12572	0.13%	0.011%
30	9.053	999	1003	1007	rVB6	25241	41474	0.43%	0.038%
31	9.306	1043	1046	1052	rVB2	48775	70225	0.73%	0.064%
32	9.612	1088	1098	1105	rBV	863453	1426209	14.74%	1.298%
33	9.665	1105	1107	1111	rVB5	14060	16225	0.17%	0.015%
34	9.836	1132	1136	1140	rBV6	15364	23425	0.24%	0.021%

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35	9.942	1149	1154	1157	rBV6	7967	13675	0.14%	0.012%
36	10.148	1182	1189	1198	rBV	1901326	3154431	32.61%	2.870%
37	10.306	1212	1216	1220	rBV6	11977	16188	0.17%	0.015%
38	10.395	1224	1231	1235	rBV9	6975	15959	0.16%	0.015%
39	10.524	1245	1253	1260	rBV	3397440	5734769	59.29%	5.217%
40	10.659	1269	1276	1293	rVB2	1006197	1889490	19.53%	1.719%
41	11.047	1339	1342	1347	rVB5	9266	14553	0.15%	0.013%
42	11.312	1382	1387	1393	rBV6	18892	29747	0.31%	0.027%
43	11.471	1410	1414	1423	rVB2	47719	98363	1.02%	0.089%
44	11.800	1464	1470	1474	rBV7	10983	23764	0.25%	0.022%
45	11.889	1480	1485	1491	rVB10	9999	18185	0.19%	0.017%
46	11.953	1491	1496	1500	rVB5	10578	14673	0.15%	0.013%
47	12.018	1503	1507	1510	rBV2	11779	16822	0.17%	0.015%
48	12.118	1518	1524	1529	rVB2	35946	61611	0.64%	0.056%
49	12.189	1533	1536	1540	rBV2	13997	21289	0.22%	0.019%
50	12.300	1552	1555	1558	rBV5	10347	15689	0.16%	0.014%
51	12.412	1571	1574	1580	rVB4	14459	16134	0.17%	0.015%
52	12.736	1625	1629	1635	rVB6	15080	24073	0.25%	0.022%
53	12.983	1667	1671	1676	rVB7	14080	22657	0.23%	0.021%
54	13.112	1687	1693	1696	rBV7	14260	24451	0.25%	0.022%
55	13.159	1698	1701	1705	rVV6	16064	23443	0.24%	0.021%
56	13.212	1705	1710	1716	rVB10	18283	32721	0.34%	0.030%
57	13.347	1727	1733	1737	rVB5	13445	23063	0.24%	0.021%
58	13.559	1767	1769	1774	rVB6	10930	13921	0.14%	0.013%
59	13.624	1774	1780	1783	rBV	54943	83915	0.87%	0.076%
60	13.706	1790	1794	1798	rVB7	17155	24818	0.26%	0.023%
61	13.794	1798	1809	1813	rBV	3085618	4378684	45.27%	3.984%
62	13.841	1813	1817	1825	rVB	1181915	1593721	16.48%	1.450%
63	14.077	1850	1857	1867	rVB	3727686	5494398	56.80%	4.999%
64	14.241	1882	1885	1889	rVV2	16430	18688	0.19%	0.017%
65	14.288	1889	1893	1897	rVB4	34959	49077	0.51%	0.045%
66	14.388	1900	1910	1918	rBV2	4694729	7336827	75.85%	6.675%
67	14.447	1918	1920	1928	rVB3	26525	34496	0.36%	0.031%
68	14.530	1928	1934	1938	rBV	101178	141084	1.46%	0.128%
69	14.588	1938	1944	1948	rBV	1267274	1818160	18.80%	1.654%
70	14.641	1948	1953	1966	rVV	6166017	9673182	100.00%	8.801%
71	14.736	1966	1969	1975	rVB	130599	192858	1.99%	0.175%

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72	14.983	2007	2011	2014	rBV6	10135	16514	0.17%	0.015%
73	15.012	2014	2016	2019	rVV4	14859	16597	0.17%	0.015%
74	15.047	2020	2022	2029	rVB7	17378	22951	0.24%	0.021%
75	15.183	2038	2045	2051	rBV5	38186	88021	0.91%	0.080%
76	15.241	2051	2055	2060	rVB4	38926	58128	0.60%	0.053%
77	15.383	2069	2079	2085	rBV2	4651894	8063633	83.36%	7.336%
78	15.430	2085	2087	2091	rVB4	28573	37299	0.39%	0.034%
79	15.512	2098	2101	2106	rVB4	45002	57542	0.59%	0.052%
80	15.618	2113	2119	2127	rBV4	63441	138441	1.43%	0.126%
81	15.712	2130	2135	2137	rBV5	22234	37807	0.39%	0.034%
82	15.730	2137	2138	2146	rVB6	24050	42113	0.44%	0.038%
83	15.947	2169	2175	2176	rBV6	18502	30477	0.32%	0.028%
84	16.024	2184	2188	2191	rBV6	19735	28898	0.30%	0.026%
85	16.077	2193	2197	2200	rBV	110776	155010	1.60%	0.141%
86	16.282	2228	2232	2235	rVB4	26356	38256	0.40%	0.035%
87	16.535	2273	2275	2279	rVB5	29340	32287	0.33%	0.029%
88	16.788	2316	2318	2324	rVB3	41091	66191	0.68%	0.060%
89	17.135	2371	2377	2382	rBV2	5490207	8036406	83.08%	7.312%
90	17.177	2382	2384	2388	rVV	523696	619506	6.40%	0.564%
91	17.235	2388	2394	2404	rVB	4632299	6621848	68.46%	6.025%
92	17.377	2414	2418	2425	rBV	182435	309333	3.20%	0.281%
93	17.694	2468	2472	2481	rVB	282752	396462	4.10%	0.361%
94	18.035	2525	2530	2539	rBV2	826974	1275191	13.18%	1.160%
95	19.200	2724	2728	2735	rVB	1015657	1336047	13.81%	1.216%
96	19.541	2781	2786	2790	rBV	4635772	6736850	69.64%	6.129%
97	21.053	3040	3043	3050	rBV2	1504457	1799594	18.60%	1.637%
98	21.347	3088	3093	3097	rBV	4619557	6374164	65.90%	5.799%
99	22.412	3271	3274	3285	rVB2	1773255	2762091	28.55%	2.513%
100	23.623	3477	3480	3487	rVB2	2517295	4238651	43.82%	3.856%

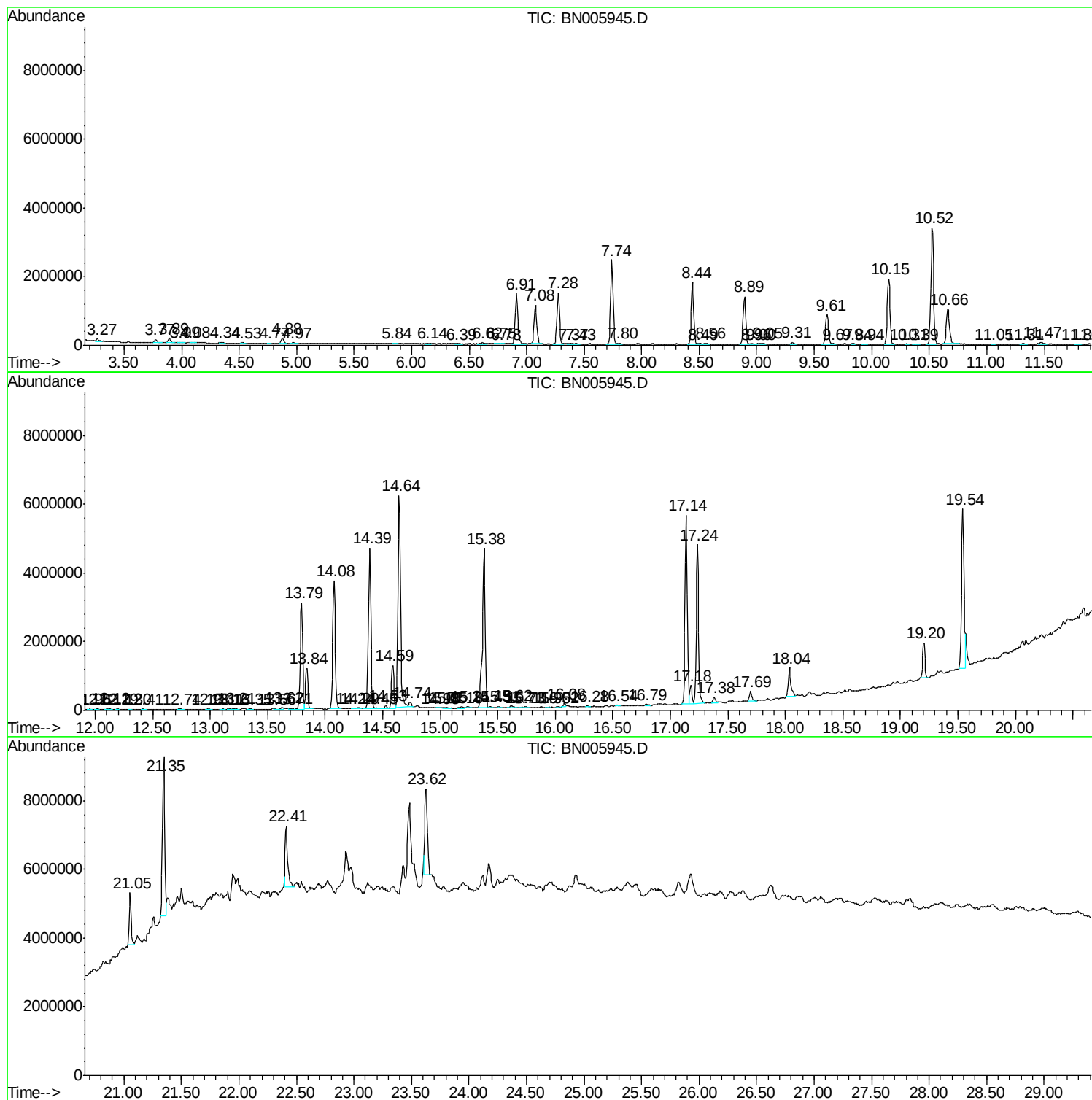
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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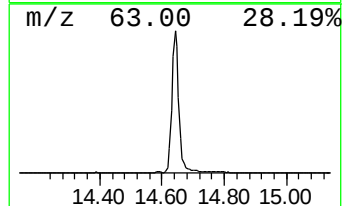
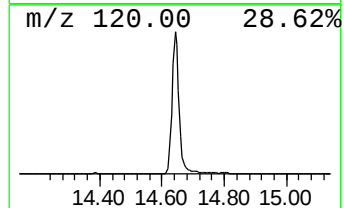
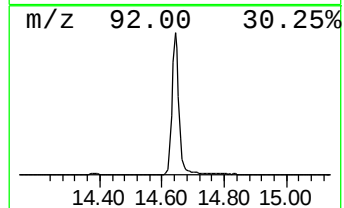
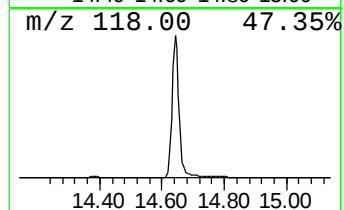
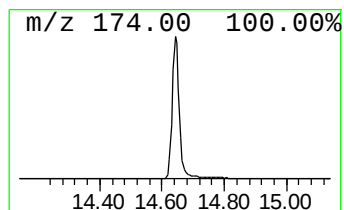
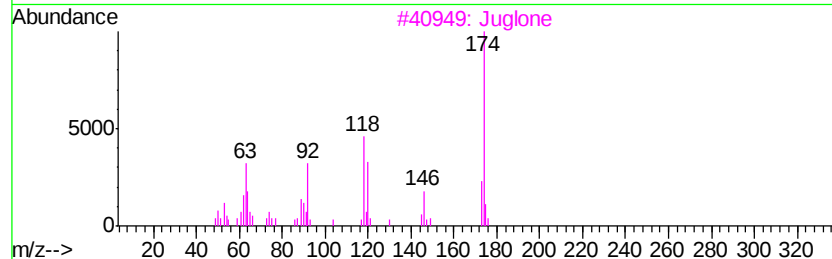
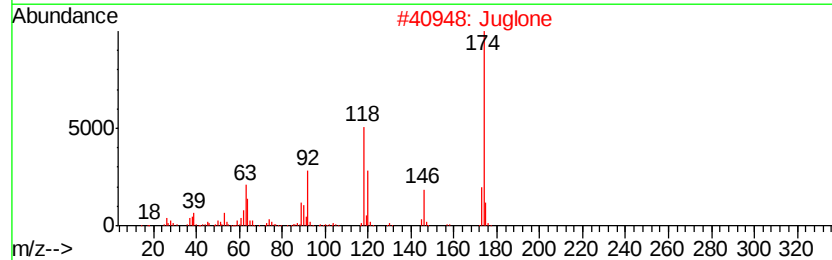
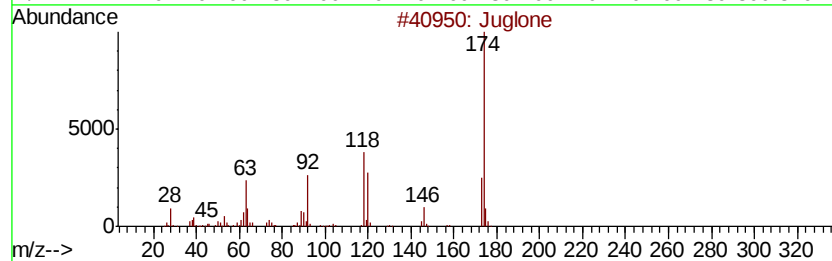
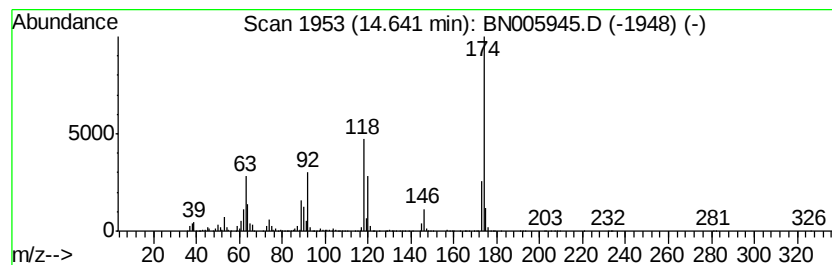
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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	26.37 ng/ul	9673180	Acenaphthene-d10	14.39
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 90
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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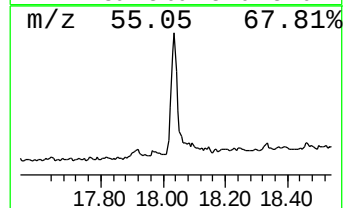
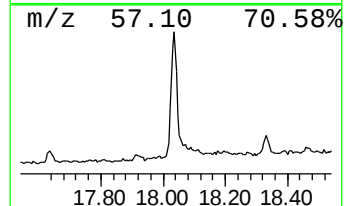
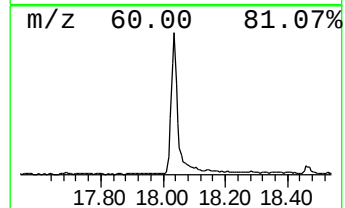
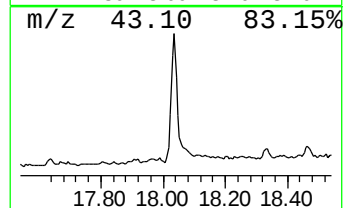
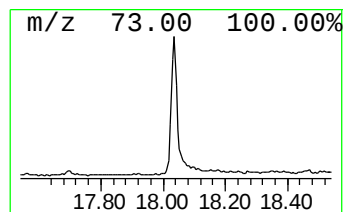
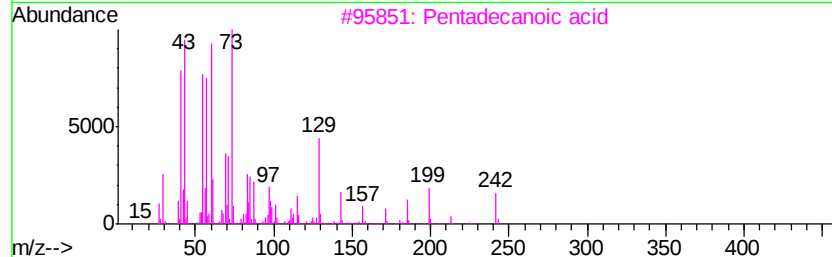
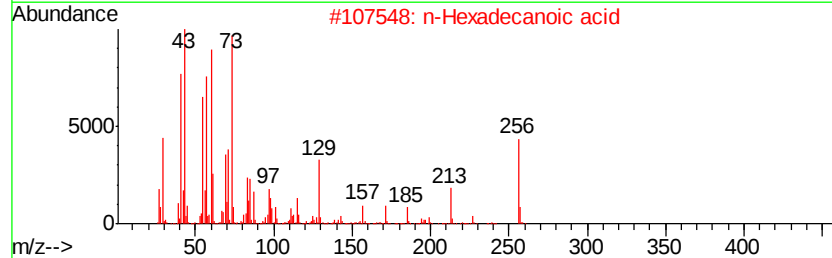
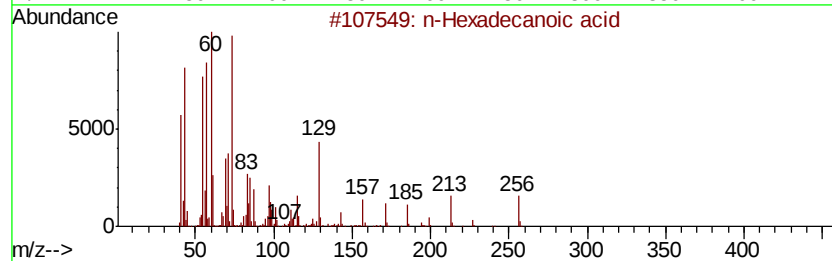
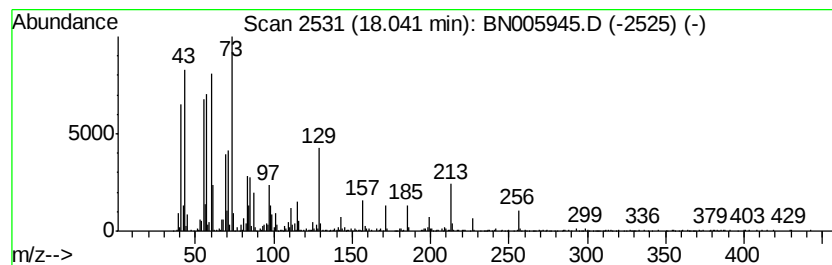
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.17 ng/ul	1275190	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		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	86



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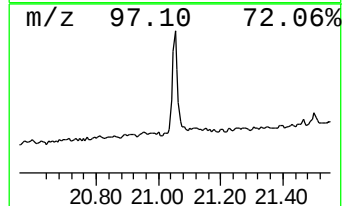
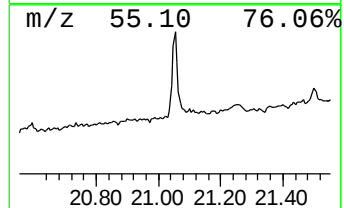
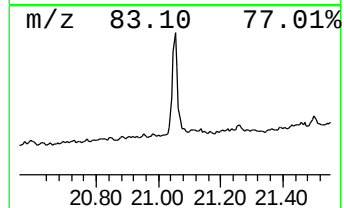
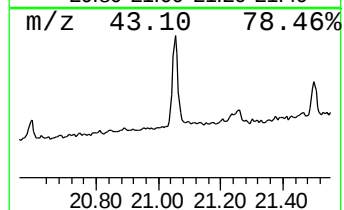
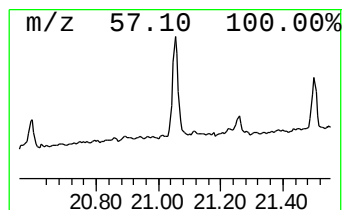
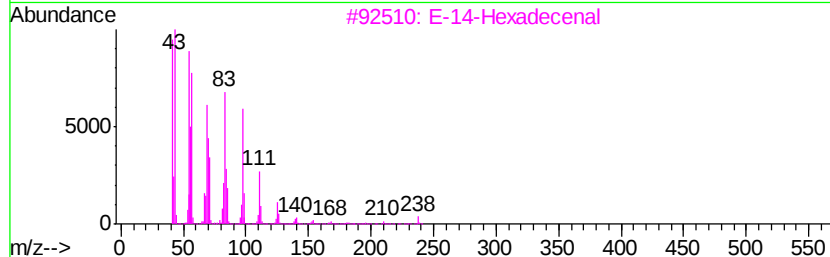
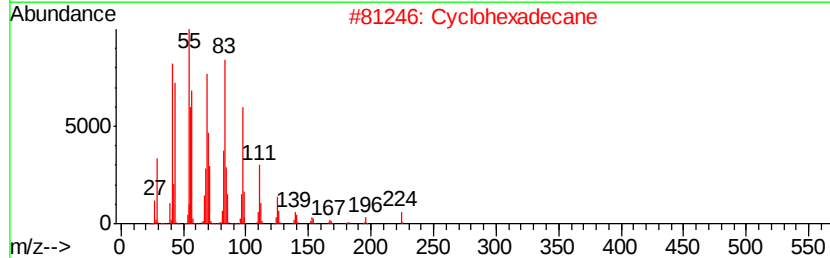
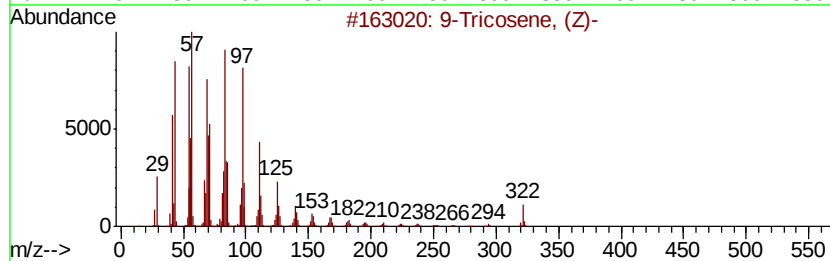
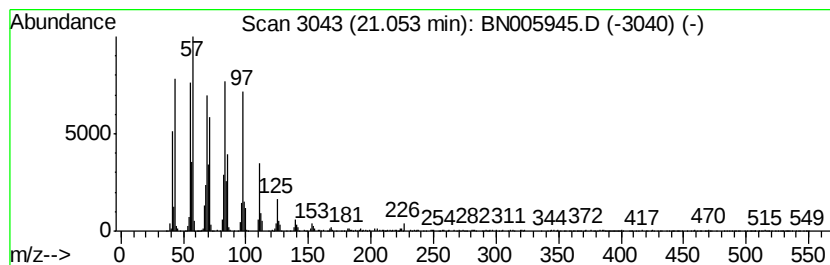
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Peak Number 3 (DEL) Alkane: Cyclic21.05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	5.65 ng/ul	1799590	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		E-14-Hexadecenal	238	C16H30O	330207-53-9	93
4		1-Triacontanol	438	C30H62O	000593-50-0	93
5		Cyclooctacosane	392	C28H56	000297-24-5	91



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Acq On : 29 May 2019 23:43
Operator : JU/SJ
Sample : K2928-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B6

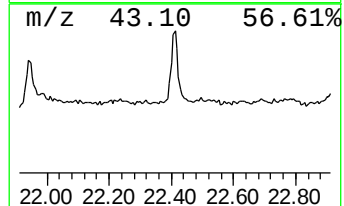
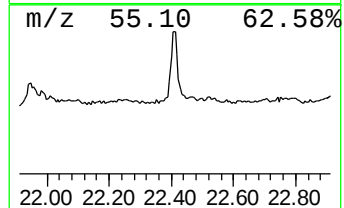
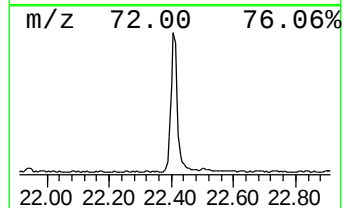
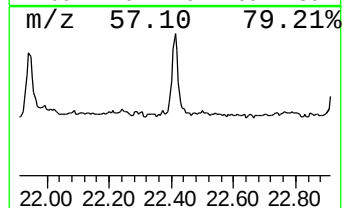
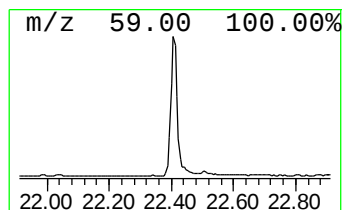
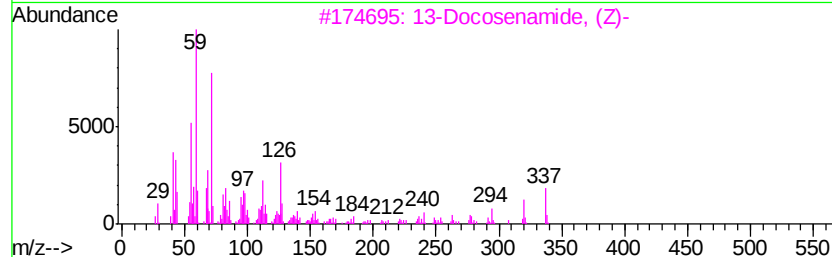
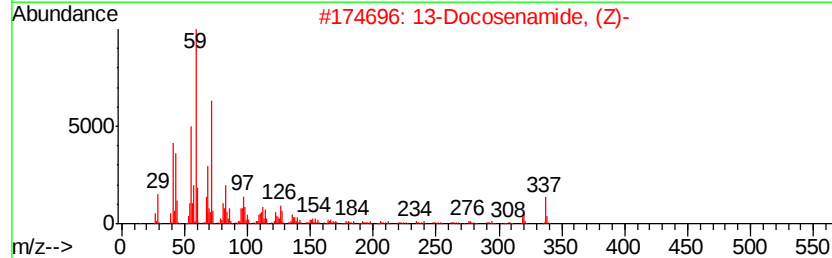
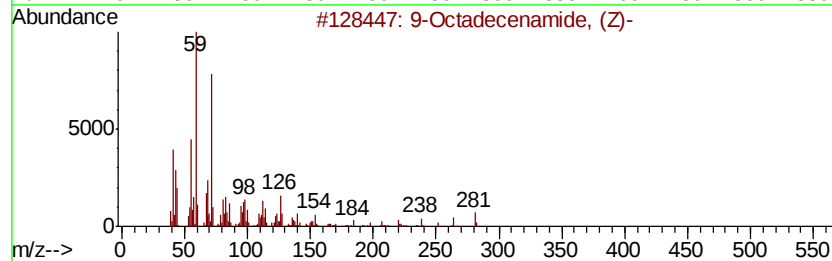
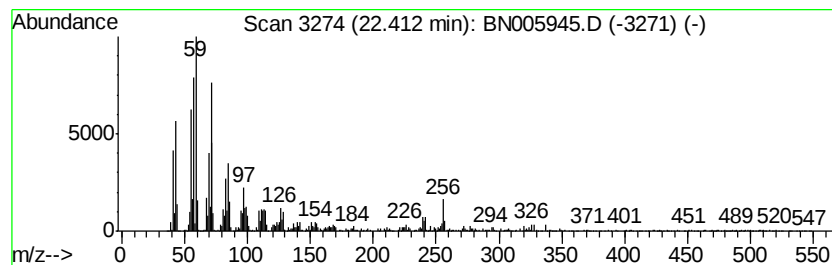
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	8.67 ng/ul	2762090	Chrysene-d12	21.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	62
2		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	53
3		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	45
4		1-Heptadecanamine	255	C17H37N	004200-95-7	35
5		Butanal, 2-ethyl-	100	C6H12O	000097-96-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
Data File : BN005945.D
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Operator : JU/SJ
Sample : K2928-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B6

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	26.4	ng/ul	9673180	3	14.39	7336830	20.0
n-Hexadecanoic acid	18.04	3.2	ng/ul	1275190	4	17.14	8036410	20.0
(DEL) Alkane: Cyc...	21.05	5.7	ng/ul	1799590	5	21.35	6374160	20.0
9-Octadecenamide,...	22.41	8.7	ng/ul	2762090	5	21.35	6374160	20.0