

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005940.D
 Acq On : 29 May 2019 20:49
 Operator : JU/SJ
 Sample : K2928-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B9

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	3.195	3	7	14	rVB3	45830	84620	1.16%	0.098%
2	3.265	16	19	29	rVB	55454	103307	1.42%	0.119%
3	3.771	100	105	114	rVB	240892	351987	4.84%	0.406%
4	3.842	114	117	121	rBV2	23504	35731	0.49%	0.041%
5	3.889	121	125	131	rVB	102156	159072	2.19%	0.183%
6	3.989	138	142	148	rVB2	23925	42349	0.58%	0.049%
7	4.083	155	158	163	rVB6	18683	22144	0.30%	0.026%
8	4.171	166	173	177	rBV8	19297	35904	0.49%	0.041%
9	4.336	194	201	207	rBV2	63585	117662	1.62%	0.136%
10	4.524	228	233	242	rVB	69026	116439	1.60%	0.134%
11	4.871	287	292	299	rVB	109344	169448	2.33%	0.195%
12	4.959	301	307	313	rBV	113975	192130	2.64%	0.221%
13	5.212	343	350	356	rBV5	29960	93163	1.28%	0.107%
14	5.459	386	392	398	rVB9	22179	43287	0.59%	0.050%
15	5.600	413	416	420	rBV	19131	29933	0.41%	0.035%
16	5.642	420	423	430	rVB8	26068	45251	0.62%	0.052%
17	5.806	446	451	463	rVB3	99951	213462	2.93%	0.246%
18	6.136	504	507	511	rVB4	16435	24724	0.34%	0.028%
19	6.394	546	551	554	rBV6	11048	21013	0.29%	0.024%
20	6.565	576	580	582	rVV5	15737	21802	0.30%	0.025%
21	6.618	585	589	592	rVV	49862	77011	1.06%	0.089%
22	6.724	601	607	611	rBV	65264	107820	1.48%	0.124%
23	6.771	613	615	621	rVB7	14739	23052	0.32%	0.027%
24	6.900	629	637	648	rVB	1438818	2353857	32.34%	2.713%
25	7.071	658	666	679	rBV	1038959	1665582	22.88%	1.920%
26	7.189	681	686	689	rBV	21021	36438	0.50%	0.042%
27	7.265	689	699	708	rVB	1445167	2285222	31.40%	2.634%
28	7.359	708	715	718	rBV5	18678	47113	0.65%	0.054%
29	7.424	721	726	732	rBV	73457	115486	1.59%	0.133%
30	7.730	769	778	785	rBV	2209915	3581871	49.21%	4.128%
31	7.789	785	788	792	rVB2	30436	46559	0.64%	0.054%
32	7.900	800	807	812	rVB10	13414	29286	0.40%	0.034%
33	8.000	814	824	831	rBV	232971	389274	5.35%	0.449%
34	8.118	841	844	847	rBV2	30951	43770	0.60%	0.050%

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35	8.288	863	873	876	rBV5	31507	67030	0.92%	0.077%
36	8.324	876	879	887	rVB6	34667	57737	0.79%	0.067%
37	8.430	890	897	907	rVV	1725192	2725621	37.45%	3.142%
38	8.547	913	917	922	rVB4	16343	25054	0.34%	0.029%
39	8.618	922	929	933	rBV4	18783	32044	0.44%	0.037%
40	8.818	957	963	967	rBV5	29600	69467	0.95%	0.080%
41	8.883	967	974	980	rVV	1336850	2143377	29.45%	2.470%
42	8.941	980	984	989	rVB3	50871	94288	1.30%	0.109%
43	9.047	997	1002	1009	rVB2	155416	246974	3.39%	0.285%
44	9.206	1019	1029	1036	rBV	48289	100843	1.39%	0.116%
45	9.306	1041	1046	1052	rVB	61434	95383	1.31%	0.110%
46	9.418	1059	1065	1073	rVB	58011	108173	1.49%	0.125%
47	9.518	1079	1082	1088	rVB8	14565	21161	0.29%	0.024%
48	9.600	1088	1096	1105	rBV	1021335	1685402	23.16%	1.943%
49	9.730	1115	1118	1129	rVB10	23465	58933	0.81%	0.068%
50	9.824	1129	1134	1140	rBV4	38970	72131	0.99%	0.083%
51	9.935	1149	1153	1160	rBV9	10999	23808	0.33%	0.027%
52	9.994	1160	1163	1168	rBV6	15242	25113	0.35%	0.029%
53	10.135	1179	1187	1198	rVB	1771001	2934935	40.32%	3.383%
54	10.294	1211	1214	1219	rVB7	14238	21483	0.30%	0.025%
55	10.371	1222	1227	1234	rBV8	42735	89298	1.23%	0.103%
56	10.430	1235	1237	1243	rVB5	18622	26702	0.37%	0.031%
57	10.518	1243	1252	1258	rBV	3192549	5503033	75.60%	6.343%
58	10.612	1263	1268	1272	rVV2	95560	146697	2.02%	0.169%
59	10.653	1272	1275	1282	rVB3	27433	55012	0.76%	0.063%
60	10.782	1293	1297	1304	rVB9	16191	29508	0.41%	0.034%
61	10.930	1318	1322	1330	rVB10	27173	51604	0.71%	0.059%
62	11.300	1380	1385	1390	rBV3	29285	47400	0.65%	0.055%
63	11.371	1390	1397	1400	rVV8	17761	31295	0.43%	0.036%
64	11.547	1423	1427	1430	rBV5	29081	43429	0.60%	0.050%
65	11.853	1474	1479	1483	rVB6	31261	51585	0.71%	0.059%
66	11.947	1491	1495	1501	rVB2	37756	55625	0.76%	0.064%
67	12.012	1501	1506	1512	rBV10	23665	57742	0.79%	0.067%
68	12.077	1512	1517	1521	rBV2	76447	124803	1.71%	0.144%
69	12.177	1532	1534	1540	rVB4	28021	42012	0.58%	0.048%
70	12.406	1570	1573	1580	rVB7	16728	25593	0.35%	0.029%
71	12.524	1588	1593	1595	rBV6	13702	21765	0.30%	0.025%

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72	12.635	1606	1612	1616	rBV9	30653	62916	0.86%	0.073%
73	12.859	1647	1650	1655	rBV6	18682	35375	0.49%	0.041%
74	12.906	1656	1658	1663	rVB5	31474	44008	0.60%	0.051%
75	13.147	1695	1699	1703	rBV6	47485	78748	1.08%	0.091%
76	13.200	1705	1708	1712	rVB2	72761	90734	1.25%	0.105%
77	13.241	1713	1715	1719	rBV5	22682	30036	0.41%	0.035%
78	13.335	1727	1731	1740	rBV5	136366	236817	3.25%	0.273%
79	13.612	1774	1778	1781	rBV3	78472	121035	1.66%	0.140%
80	13.782	1802	1807	1812	rBV	2927273	4238070	58.23%	4.885%
81	13.829	1812	1815	1824	rVB	1187546	1574773	21.64%	1.815%
82	14.023	1845	1848	1849	rBV2	66535	70847	0.97%	0.082%
83	14.065	1849	1855	1869	rVB	3351464	5295656	72.76%	6.104%
84	14.206	1875	1879	1885	rVB2	190764	266174	3.66%	0.307%
85	14.276	1888	1891	1897	rVB	158133	208880	2.87%	0.241%
86	14.376	1898	1908	1914	rBV2	4588587	7278739	100.00%	8.390%
87	14.570	1935	1941	1945	rBV	1175221	1721231	23.65%	1.984%
88	14.623	1945	1950	1959	rVB	482075	914998	12.57%	1.055%
89	15.165	2039	2042	2046	rBV3	169267	225619	3.10%	0.260%
90	15.235	2050	2054	2057	rBV	149295	224996	3.09%	0.259%
91	15.370	2071	2077	2083	rVB	4211043	5980978	82.17%	6.894%
92	16.100	2198	2201	2209	rBV3	267071	547447	7.52%	0.631%
93	17.123	2370	2375	2380	rBV2	4857878	7163097	98.41%	8.256%
94	17.164	2380	2382	2386	rVB	335728	393080	5.40%	0.453%
95	17.223	2387	2392	2397	rBV2	4018632	5549987	76.25%	6.397%
96	18.029	2525	2529	2535	rBV2	1092958	1551845	21.32%	1.789%
97	19.194	2723	2727	2731	rVB	1065917	1327436	18.24%	1.530%
98	19.529	2780	2784	2787	rBV	3702963	5058941	69.50%	5.831%
99	21.053	3041	3043	3047	rBV2	1271498	1786107	24.54%	2.059%
100	21.341	3090	3092	3101	rVB	3524359	4943403	67.92%	5.698%

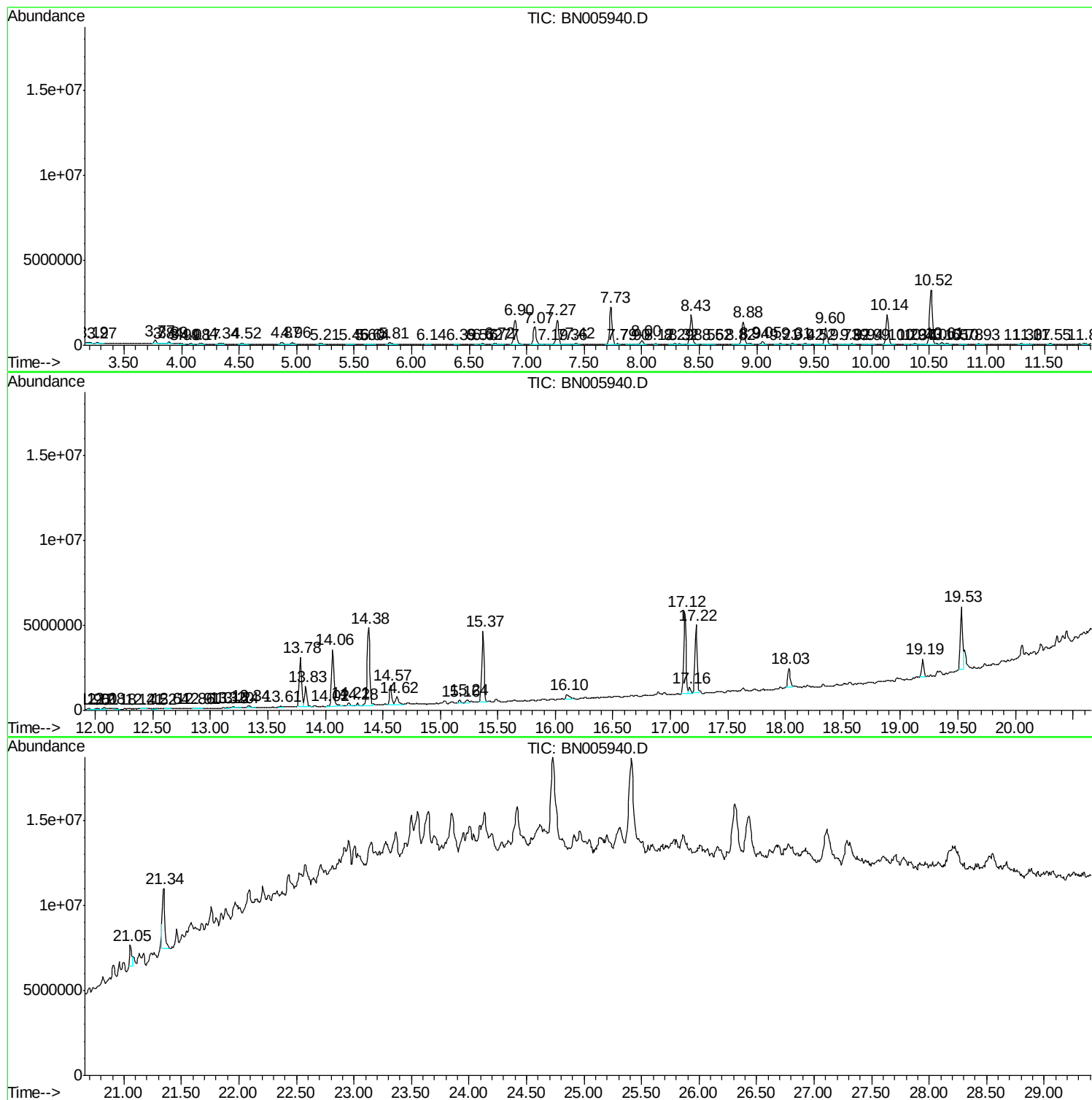
Sum of corrected areas: 86759802

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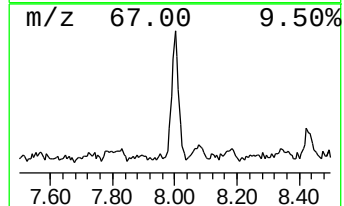
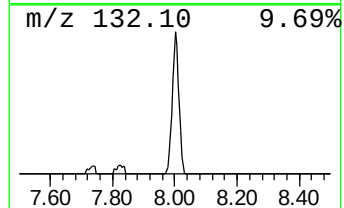
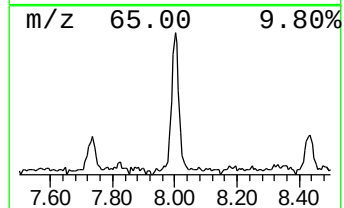
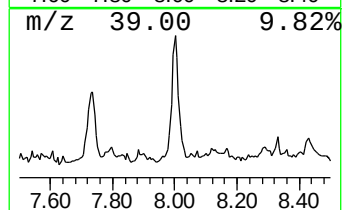
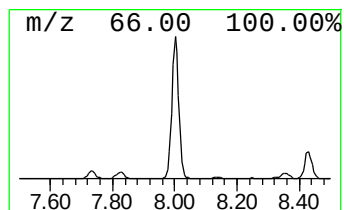
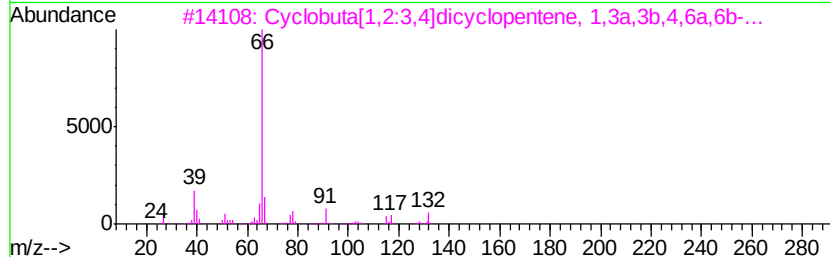
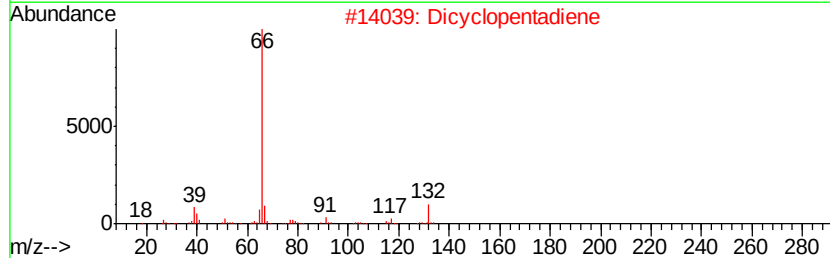
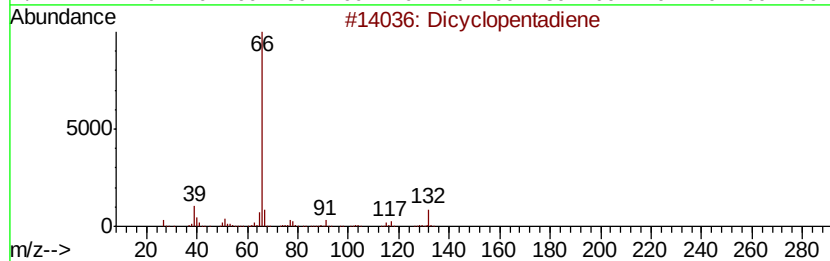
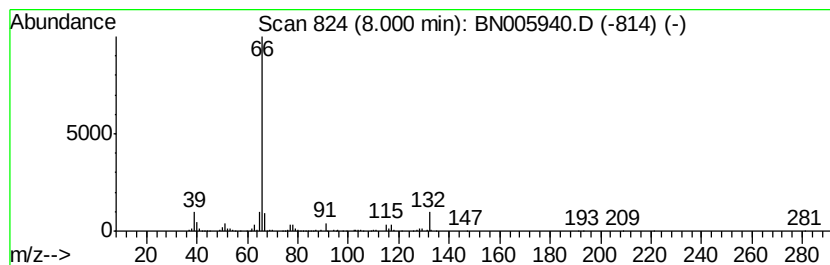
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dicyclopentadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.00	2.17 ng/ul	389274	1,4-Dichlorobenzene-d4	7.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dicvclopentadiene	132	C10H12	000077-73-6	91
2		Dicyclopentadiene	132	C10H12	000077-73-6	91
3		Cyclobuta[1,2:3,4]dicvclopentene...	132	C10H12	105226-58-2	91
4		Dicyclopentadiene	132	C10H12	000077-73-6	90
5		Cyclobuta[1,2:3,4]dicyclopentene...	132	C10H12	000612-09-9	90



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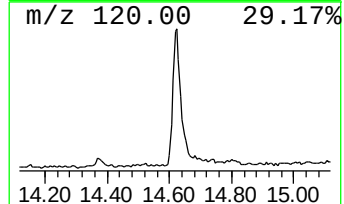
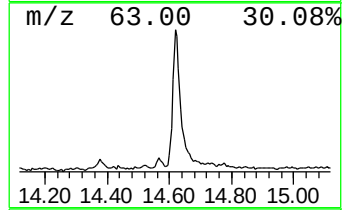
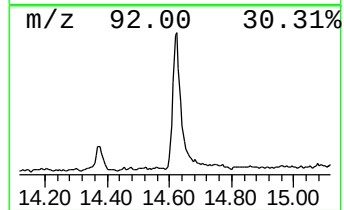
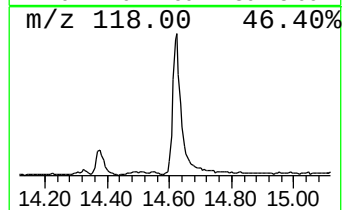
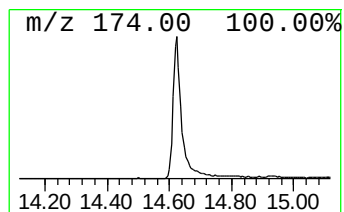
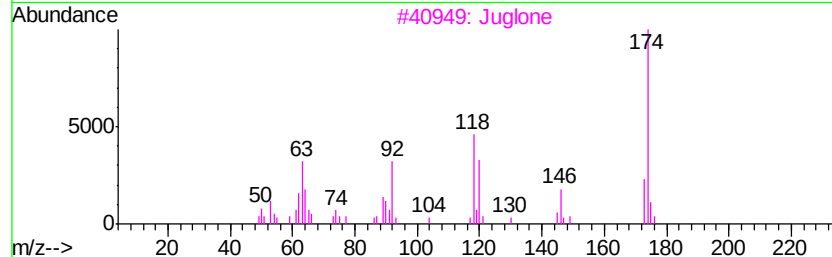
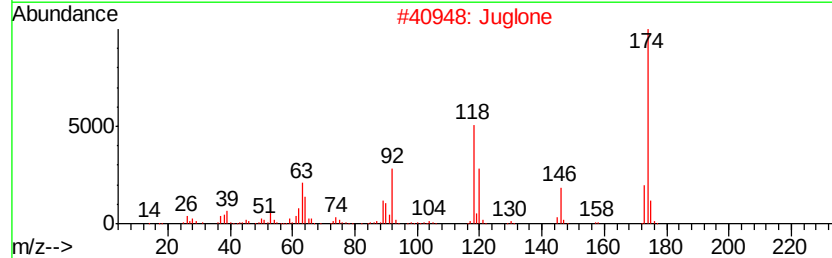
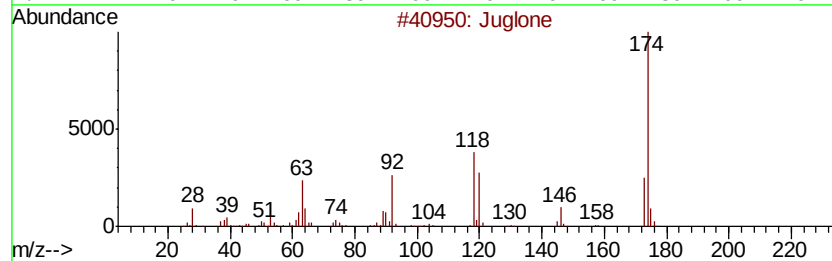
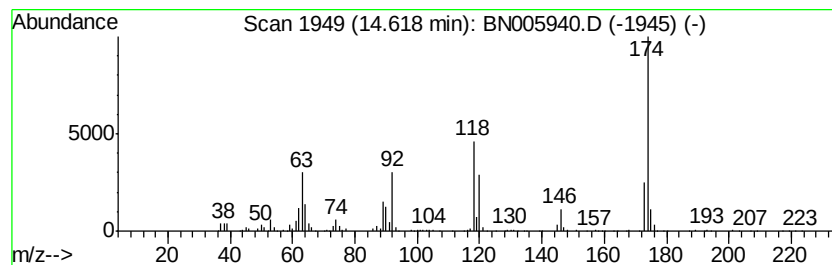
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Juglone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.51 ng/ul	914998	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 90
3	Juglone		174 C10H6O3	000481-39-0 90
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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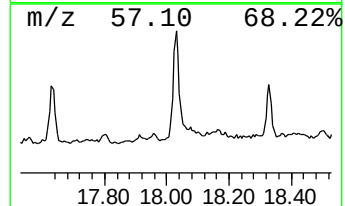
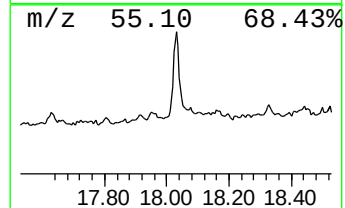
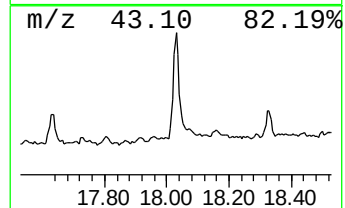
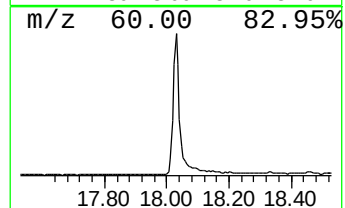
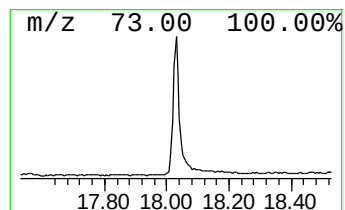
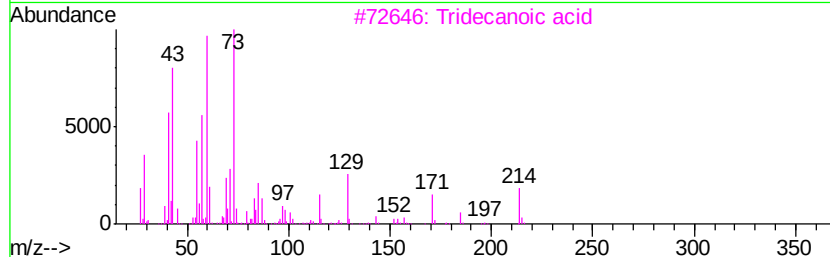
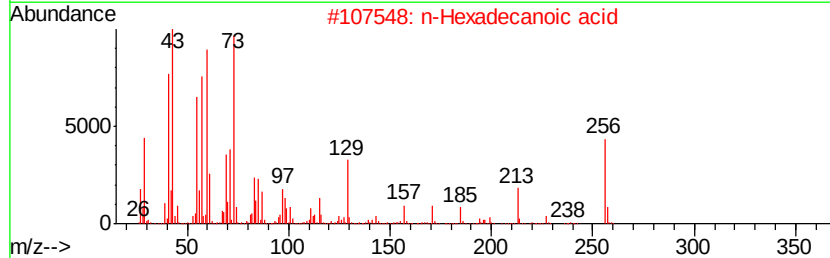
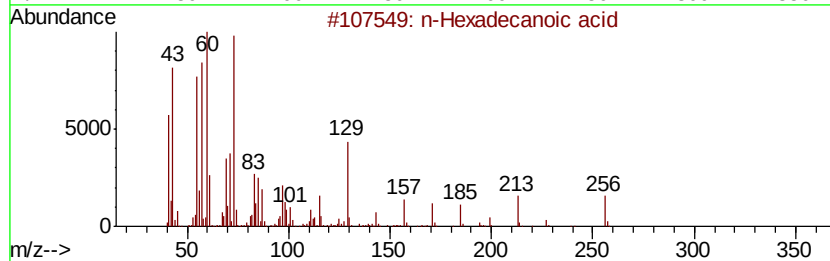
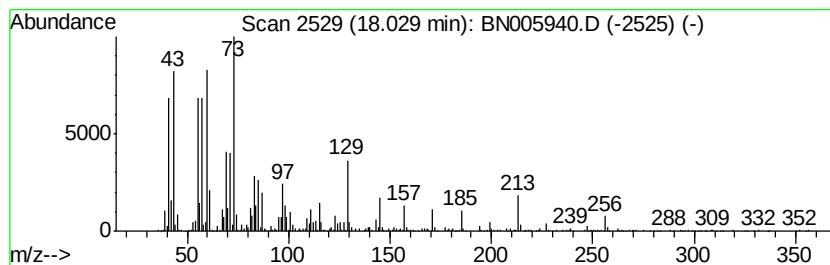
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.33 ng/ul	1551850	Phenanthrene-d10	17.12

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	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005940.D
Acq On : 29 May 2019 20:49
Operator : JU/SJ
Sample : K2928-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42B9

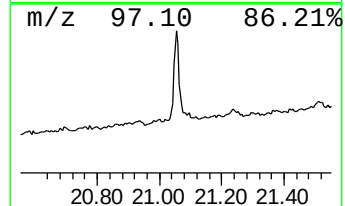
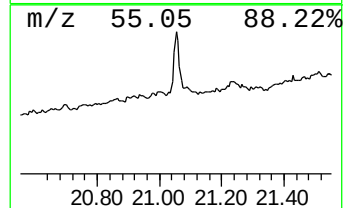
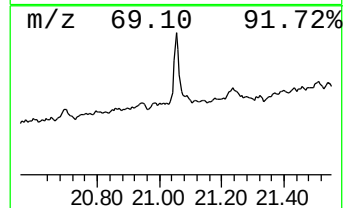
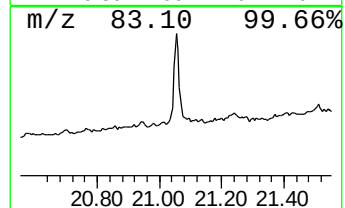
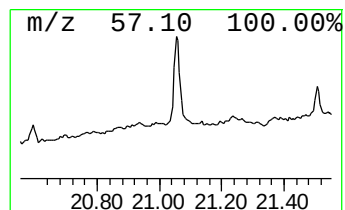
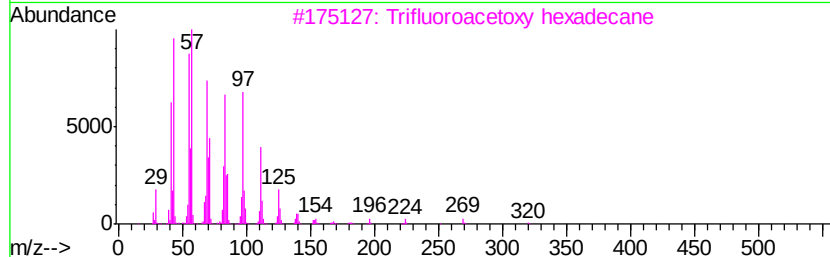
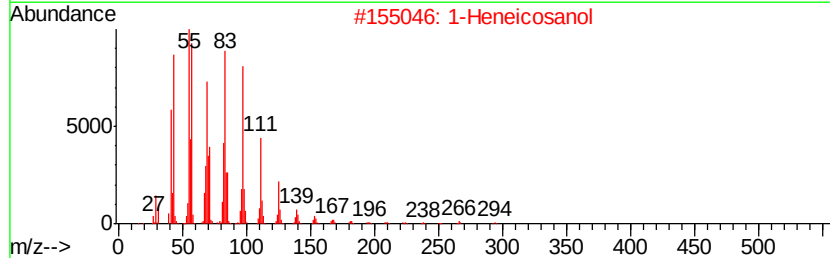
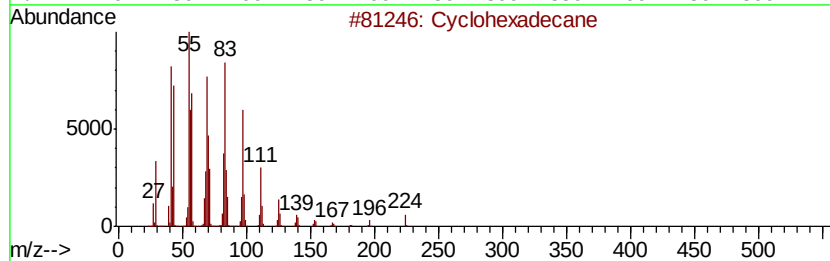
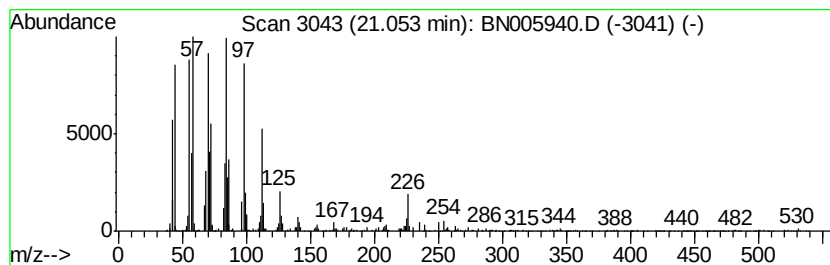
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	7.23 ng/ul	1786110	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexadecane	224	C16H32	000295-65-8	96
2		1-Heneicosanol	312	C21H44O	015594-90-8	94
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	93
5		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	92



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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
Dicyclopentadiene	8.00	2.2	ng/ul	389274	1	7.73	3581870	20.0
Juglone	14.62	2.5	ng/ul	914998	3	14.38	7278740	20.0
n-Hexadecanoic acid	18.03	4.3	ng/ul	1551850	4	17.12	7163100	20.0
(DEL) Alkane: Cyc...	21.05	7.2	ng/ul	1786110	5	21.34	4943400	20.0