

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005948.D
 Acq On : 30 May 2019 01:27
 Operator : JU/SJ
 Sample : K2924-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42F4

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	3.265	16	19	33	rVB	107140	197037	1.97%	0.142%
2	3.677	86	89	94	rVB2	23215	29302	0.29%	0.021%
3	3.771	101	105	114	rVB	137757	188131	1.88%	0.136%
4	3.842	115	117	121	rVV3	20225	23098	0.23%	0.017%
5	3.895	121	126	138	rVB	116050	204009	2.04%	0.147%
6	3.989	139	142	146	rVB	24439	27810	0.28%	0.020%
7	4.348	200	203	208	rVB6	20469	32825	0.33%	0.024%
8	4.524	230	233	240	rVB4	21982	31075	0.31%	0.022%
9	4.877	288	293	300	rVB	108061	177806	1.78%	0.128%
10	4.971	304	309	317	rVB2	33652	58814	0.59%	0.042%
11	5.836	451	456	464	rVB	31834	57013	0.57%	0.041%
12	6.142	503	508	512	rBV3	21612	31561	0.32%	0.023%
13	6.401	547	552	557	rVB8	12740	24542	0.25%	0.018%
14	6.612	583	588	592	rBV2	28186	44747	0.45%	0.032%
15	6.906	629	638	647	rBV	1913597	3198255	31.93%	2.306%
16	7.077	656	667	682	rBV	1570476	2580171	25.76%	1.860%
17	7.271	693	700	708	rBV	2074259	3278655	32.74%	2.364%
18	7.342	708	712	718	rVV2	21601	40771	0.41%	0.029%
19	7.742	772	780	786	rVV	2134881	3484814	34.79%	2.512%
20	7.800	786	790	794	rVB	40581	63769	0.64%	0.046%
21	8.442	890	899	907	rBV	2220389	3571399	35.66%	2.575%
22	8.559	914	919	924	rVB2	16945	28730	0.29%	0.021%
23	8.895	968	976	984	rBV	1886761	3157646	31.53%	2.276%
24	9.006	990	995	999	rVV7	14968	28430	0.28%	0.020%
25	9.053	999	1003	1009	rVB7	17341	29848	0.30%	0.022%
26	9.312	1042	1047	1053	rVB	81267	121683	1.21%	0.088%
27	9.612	1089	1098	1109	rBV	1174620	2003692	20.01%	1.444%
28	10.147	1182	1189	1198	rVV	2524727	4186223	41.80%	3.018%
29	10.524	1243	1253	1259	rBV	3148979	5198298	51.90%	3.747%
30	10.577	1259	1262	1267	rVB	62106	89987	0.90%	0.065%
31	10.659	1267	1276	1294	rBV2	1919071	3436182	34.31%	2.477%
32	11.312	1382	1387	1393	rBV6	20316	37881	0.38%	0.027%
33	11.447	1403	1410	1424	rBV3	49289	168105	1.68%	0.121%
34	11.553	1425	1428	1434	rVB6	17268	25701	0.26%	0.019%

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 Title : SVOA CALIBRATION

35	11.947	1490	1495	1503	rVB7	15776	32616	0.33%	0.024%
36	12.018	1503	1507	1512	rBV2	20634	35683	0.36%	0.026%
37	12.112	1518	1523	1531	rVB	51266	89398	0.89%	0.064%
38	12.194	1531	1537	1542	rBV	36501	64853	0.65%	0.047%
39	12.412	1568	1574	1580	rVB	31726	51452	0.51%	0.037%
40	13.112	1686	1693	1695	rBV8	15510	25210	0.25%	0.018%
41	13.206	1705	1709	1717	rVV6	27856	52147	0.52%	0.038%
42	13.288	1717	1723	1728	rVV7	16669	43137	0.43%	0.031%
43	13.347	1728	1733	1739	rVB8	18240	28598	0.29%	0.021%
44	13.559	1763	1769	1774	rVB9	22429	43094	0.43%	0.031%
45	13.700	1788	1793	1797	rVB3	35224	56734	0.57%	0.041%
46	13.788	1802	1808	1813	rVV	3980675	5814360	58.05%	4.192%
47	13.835	1813	1816	1824	rVB	1421068	1858076	18.55%	1.339%
48	14.077	1845	1857	1867	rBV	4870444	7636587	76.25%	5.505%
49	14.282	1888	1892	1897	rVB2	29771	43946	0.44%	0.032%
50	14.382	1899	1909	1916	rBV2	4314803	6655682	66.45%	4.798%
51	14.447	1916	1920	1928	rVB	56304	94323	0.94%	0.068%
52	14.524	1928	1933	1937	rBV2	31709	50324	0.50%	0.036%
53	14.582	1937	1943	1948	rBV	1611873	2279418	22.76%	1.643%
54	14.635	1948	1952	1964	rVV	511463	917764	9.16%	0.662%
55	14.735	1965	1969	1973	rVV2	107608	174809	1.75%	0.126%
56	14.800	1973	1980	1985	rVV2	99564	238389	2.38%	0.172%
57	14.859	1985	1990	1994	rVB5	22724	40098	0.40%	0.029%
58	14.977	2006	2010	2013	rBV6	19056	33715	0.34%	0.024%
59	15.047	2020	2022	2027	rVB5	20055	25018	0.25%	0.018%
60	15.188	2038	2046	2048	rBV4	25562	59262	0.59%	0.043%
61	15.241	2051	2055	2058	rVV2	37793	48432	0.48%	0.035%
62	15.282	2058	2062	2069	rVV	77950	134847	1.35%	0.097%
63	15.382	2069	2079	2084	rVV	5807994	8937291	89.23%	6.443%
64	15.435	2084	2088	2096	rVB	114716	179631	1.79%	0.129%
65	15.506	2096	2100	2106	rBV	78648	104223	1.04%	0.075%
66	15.618	2112	2119	2128	rBV3	83790	179555	1.79%	0.129%
67	15.729	2135	2138	2143	rVB	27651	42638	0.43%	0.031%
68	15.877	2159	2163	2171	rVB2	27528	62197	0.62%	0.045%
69	16.106	2198	2202	2207	rVV2	57001	104874	1.05%	0.076%
70	16.165	2208	2212	2216	rVB4	40345	66647	0.67%	0.048%
71	16.441	2256	2259	2264	rVB6	28563	40704	0.41%	0.029%

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72	16.535	2272	2275	2281	rVV7	29413	41979	0.42%	0.030%
73	16.671	2295	2298	2302	rBV3	44981	60814	0.61%	0.044%
74	16.712	2302	2305	2308	rVB4	22917	26167	0.26%	0.019%
75	16.788	2314	2318	2326	rVB4	53391	103756	1.04%	0.075%
76	16.859	2328	2330	2333	rBV4	15709	22310	0.22%	0.016%
77	16.894	2333	2336	2338	rBV4	31059	37352	0.37%	0.027%
78	16.953	2343	2346	2352	rVB	76627	107102	1.07%	0.077%
79	17.047	2357	2362	2365	rVV6	19845	38419	0.38%	0.028%
80	17.135	2370	2377	2381	rBV2	5326537	7622721	76.11%	5.495%
81	17.176	2381	2384	2388	rVB	1031924	1288354	12.86%	0.929%
82	17.235	2388	2394	2399	rBV	6027715	8632896	86.20%	6.224%
83	17.376	2413	2418	2428	rBV	399951	674358	6.73%	0.486%
84	17.535	2442	2445	2449	rVB	118163	151853	1.52%	0.109%
85	17.694	2469	2472	2479	rVB2	73985	138346	1.38%	0.100%
86	17.806	2489	2491	2495	rBV5	26939	24881	0.25%	0.018%
87	18.035	2522	2530	2539	rBV2	937639	1906126	19.03%	1.374%
88	18.206	2554	2559	2563	rBV3	254856	420885	4.20%	0.303%
89	18.241	2563	2565	2570	rVB	112566	132347	1.32%	0.095%
90	18.365	2582	2586	2590	rVB2	144624	191892	1.92%	0.138%
91	18.518	2608	2612	2615	rBV	117467	154035	1.54%	0.111%
92	18.553	2615	2618	2623	rVB	136456	195309	1.95%	0.141%
93	19.200	2723	2728	2734	rVB	2000853	2573934	25.70%	1.856%
94	19.535	2780	2785	2789	rBV	6216666	9392772	93.78%	6.771%
95	21.047	3039	3042	3049	rBV2	2438022	2810869	28.07%	2.026%
96	21.341	3086	3092	3096	rBV2	4751389	7111462	71.00%	5.127%
97	22.400	3269	3272	3284	rVB	2324427	3434800	34.29%	2.476%
98	22.923	3358	3361	3365	rBV4	1056673	1628758	16.26%	1.174%
99	23.470	3449	3454	3467	rVB3	3266601	7570629	75.59%	5.458%
100	23.617	3474	3479	3504	rVB2	3593556	10015481	100.00%	7.220%

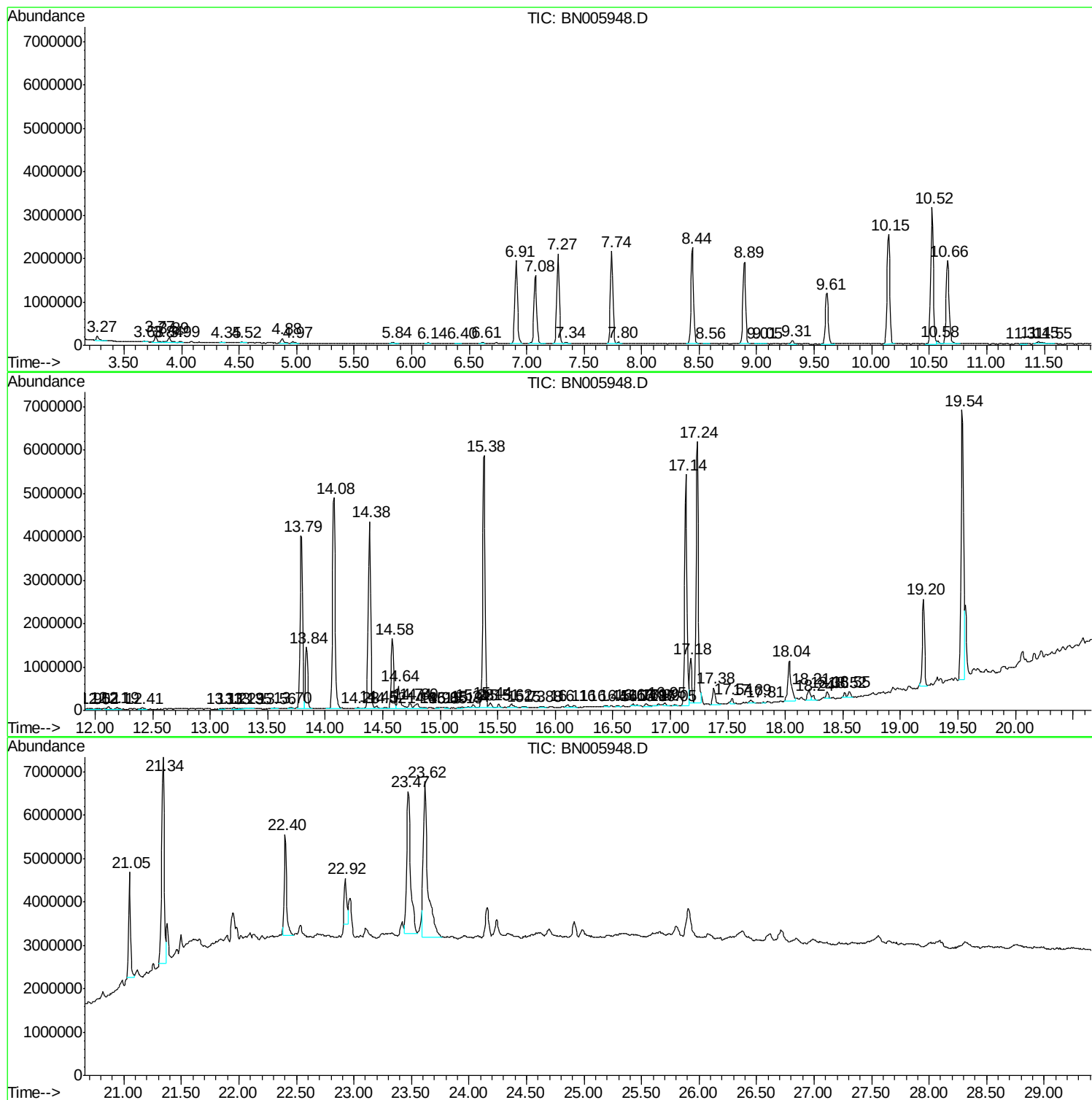
Sum of corrected areas: 138714349

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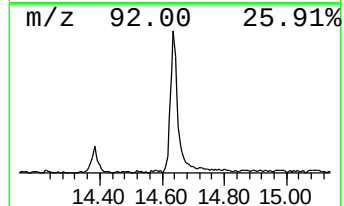
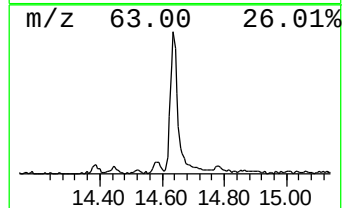
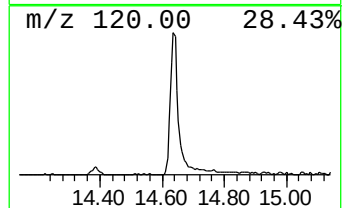
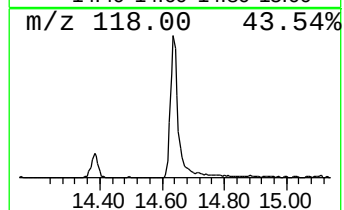
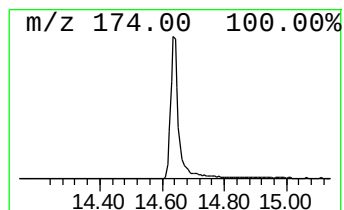
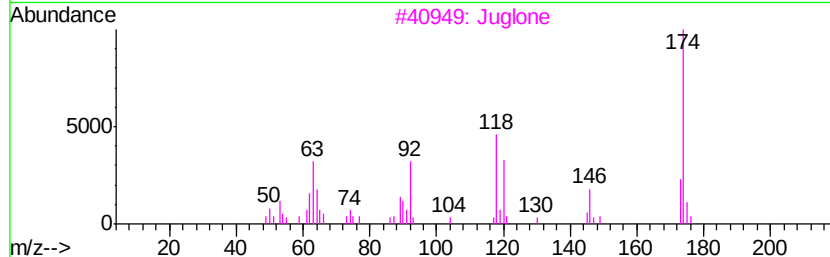
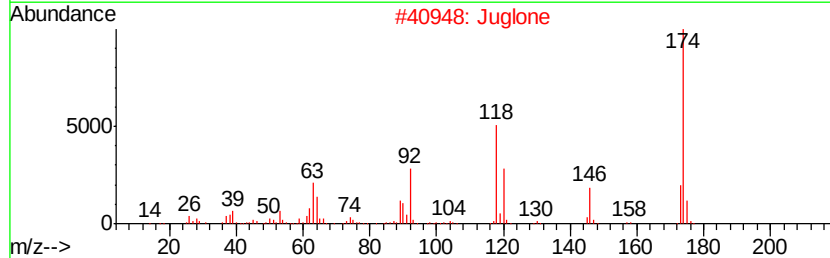
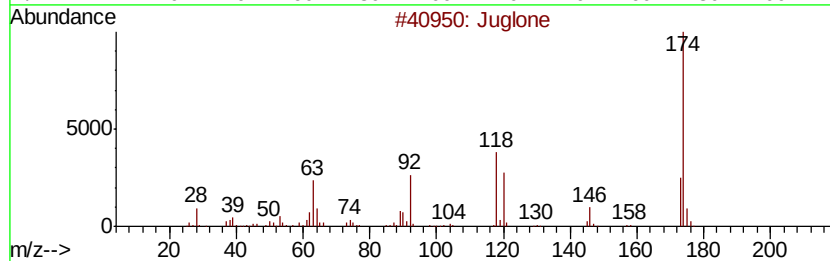
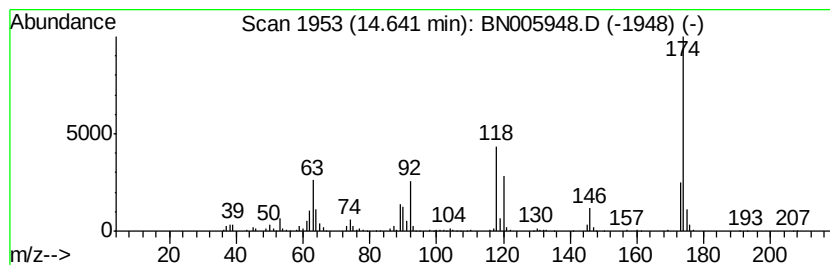
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	2.76 ng/ul	917764	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 91
3	Juglone	174	C10H6O3	000481-39-0 90
4	1-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	068826-33-5 49
5	8-Quinolinol, 5-nitroso-	174	C9H6N2O2	003565-26-2 43



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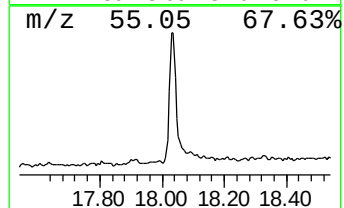
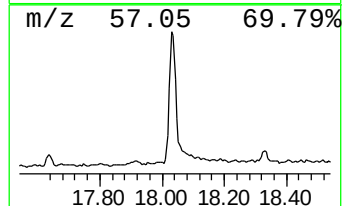
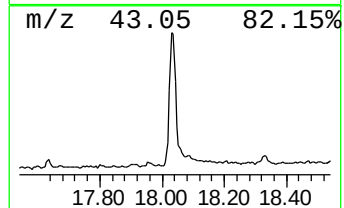
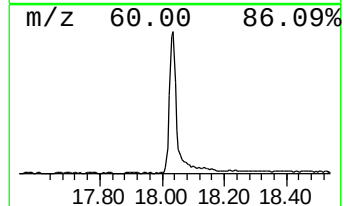
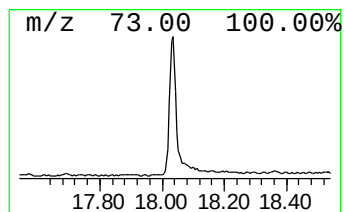
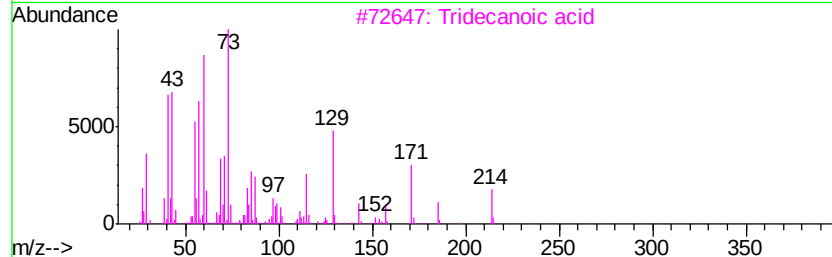
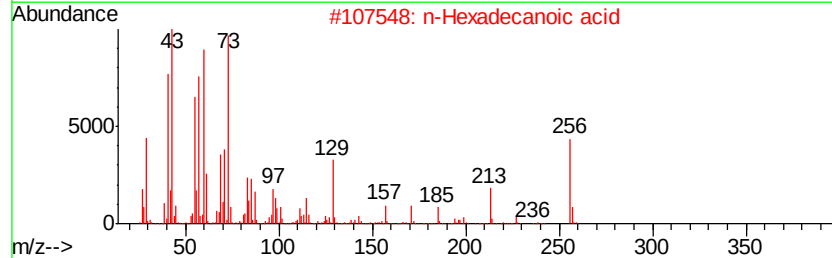
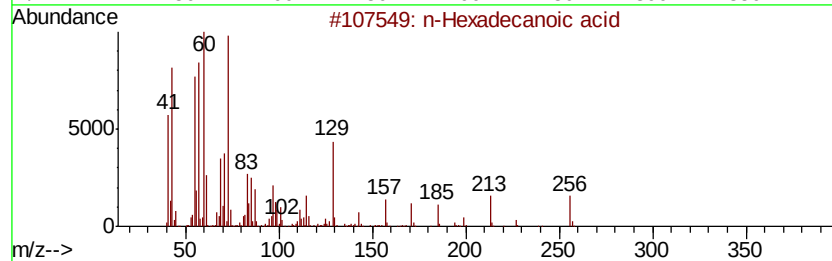
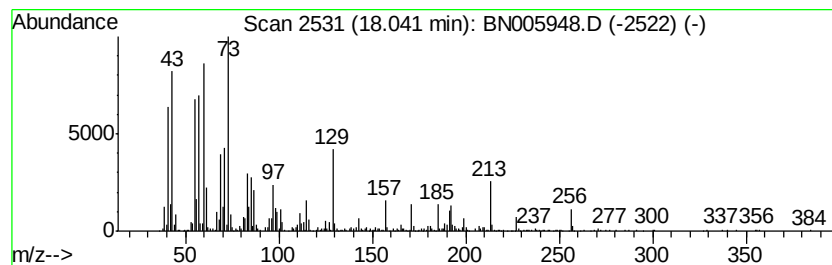
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.00 ng/ul	1906130	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	93
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	91



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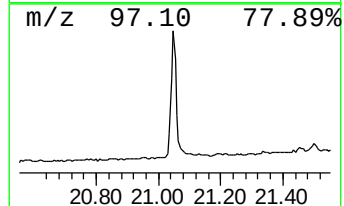
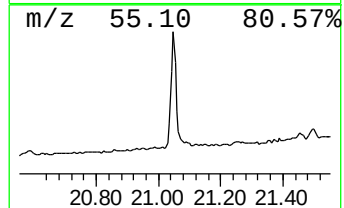
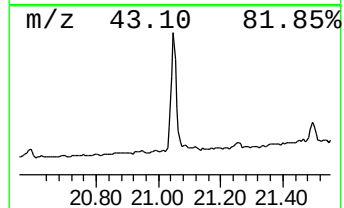
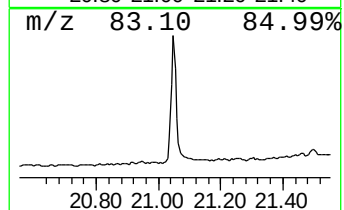
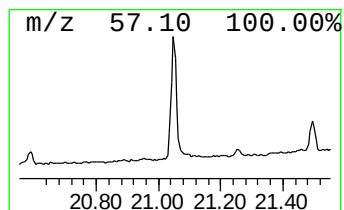
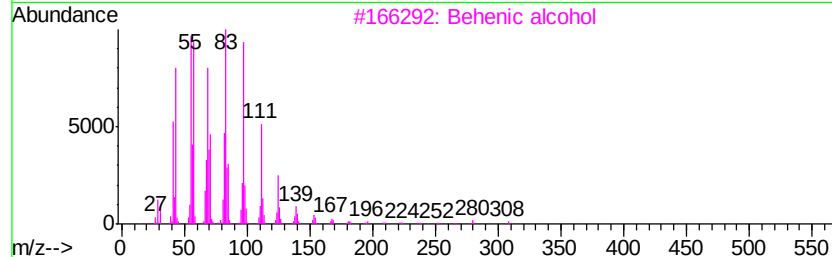
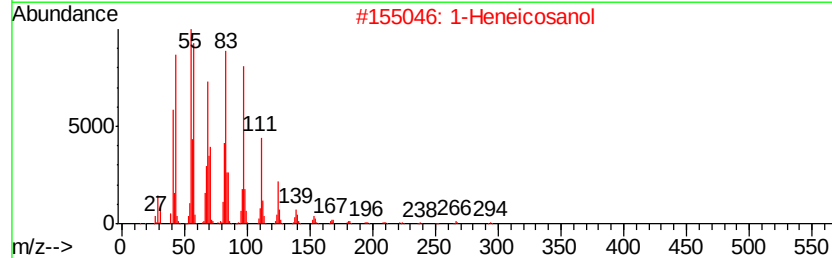
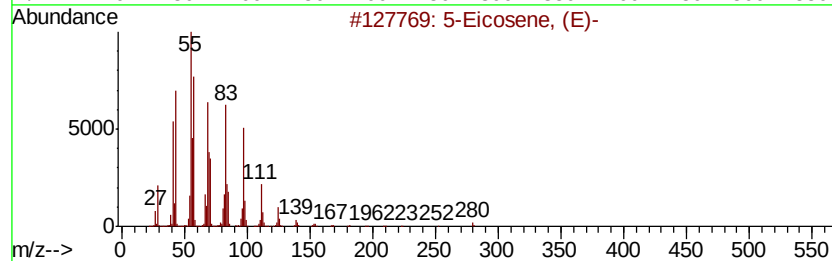
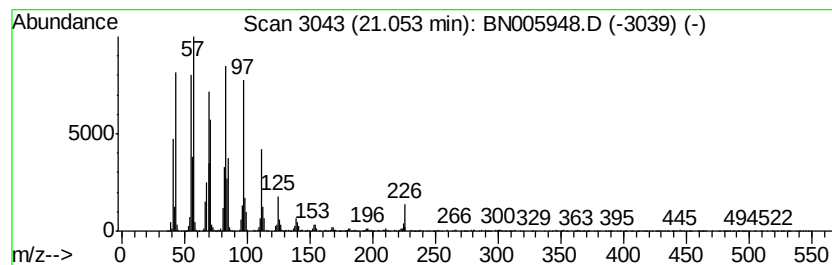
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic21.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	7.91 ng/ul	2810870	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	94
4		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5		E-14-Hexadecenal	238	C16H30O	330207-53-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005948.D
Acq On : 30 May 2019 01:27
Operator : JU/SJ
Sample : K2924-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F4

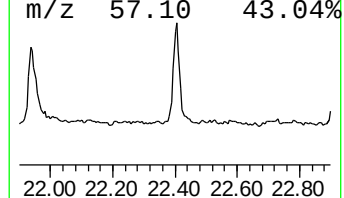
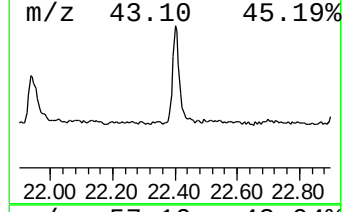
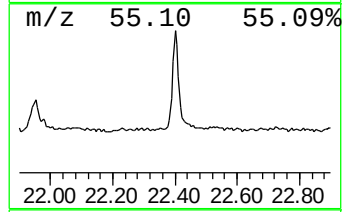
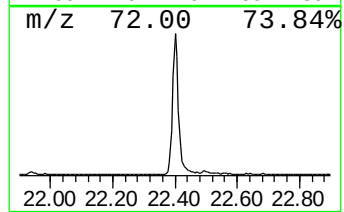
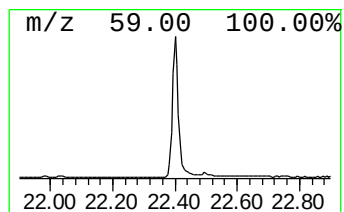
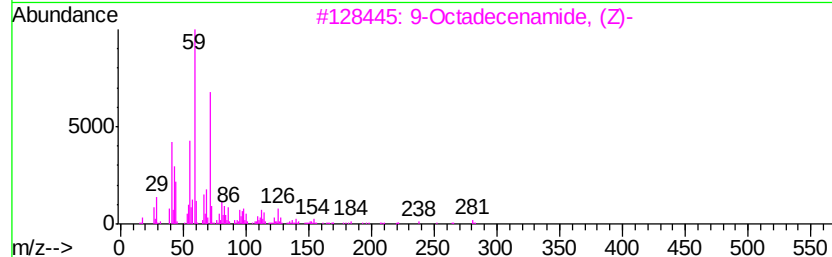
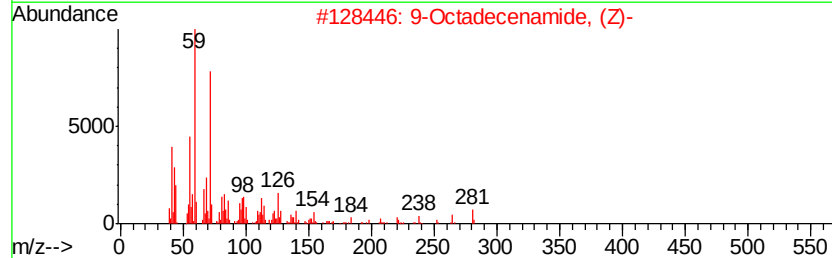
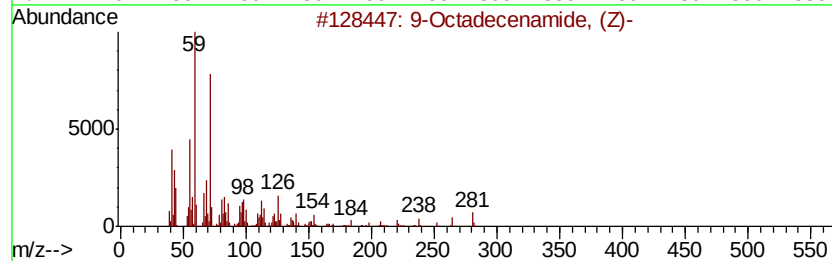
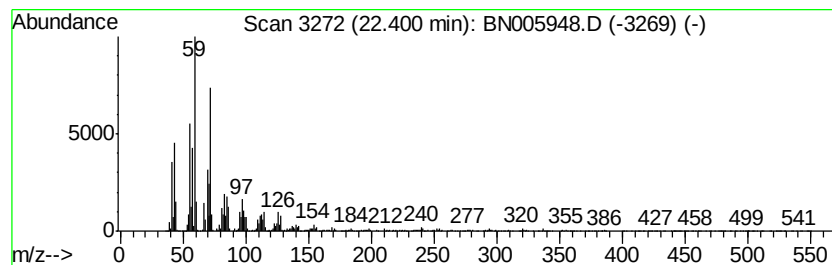
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	9.66 ng/ul	3434800	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42F4

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	2.8	ng/ul	917764	3	14.38	6655680	20.0
n-Hexadecanoic acid	18.04	5.0	ng/ul	1906130	4	17.14	7622720	20.0
(DEL) Alkane: Cyc...	21.05	7.9	ng/ul	2810870	5	21.34	7111460	20.0
9-Octadecenamide,...	22.40	9.7	ng/ul	3434800	5	21.34	7111460	20.0