

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005938.D
 Acq On : 29 May 2019 19:40
 Operator : JU/SJ
 Sample : K2924-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4279

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	15	19	30	rVB	113843	186484	1.39%	0.097%
2	3.524	61	63	70	rVB	30842	46114	0.34%	0.024%
3	3.771	101	105	110	rVB	75961	102810	0.77%	0.054%
4	3.889	120	125	132	rVB	120808	176825	1.32%	0.092%
5	3.983	138	141	151	rVB	34853	51371	0.38%	0.027%
6	4.871	286	292	300	rVV	126364	197179	1.47%	0.103%
7	4.960	303	307	314	rVB4	33247	56399	0.42%	0.029%
8	5.765	437	444	447	rBV7	20963	41949	0.31%	0.022%
9	6.607	582	587	591	rBV5	29123	49647	0.37%	0.026%
10	6.724	599	607	613	rBV6	21905	49558	0.37%	0.026%
11	6.895	629	636	646	rBV	2113554	3401433	25.33%	1.776%
12	7.065	659	665	678	rVB	1767177	2731420	20.34%	1.426%
13	7.265	692	699	706	rBV	2114750	3441876	25.63%	1.797%
14	7.330	706	710	717	rVV2	56501	112645	0.84%	0.059%
15	7.730	769	778	785	rBV	2091654	3252549	24.22%	1.698%
16	7.789	785	788	794	rVB	65162	91100	0.68%	0.048%
17	8.430	889	897	905	rBV	2466935	3998395	29.77%	2.088%
18	8.548	913	917	924	rVB2	25612	40174	0.30%	0.021%
19	8.883	966	974	982	rVV	2066741	3433205	25.56%	1.793%
20	9.048	995	1002	1008	rVB8	22373	44426	0.33%	0.023%
21	9.306	1040	1046	1051	rVB	98498	142986	1.06%	0.075%
22	9.601	1088	1096	1102	rBV	1649687	2706576	20.15%	1.413%
23	10.130	1178	1186	1195	rBV	2750550	4512247	33.60%	2.356%
24	10.512	1242	1251	1257	rBV	2976128	4940395	36.79%	2.580%
25	10.559	1257	1259	1266	rVB	53891	80122	0.60%	0.042%
26	10.648	1266	1274	1294	rBV	1320064	2414726	17.98%	1.261%
27	10.889	1310	1315	1327	rVB3	46370	97295	0.72%	0.051%
28	11.542	1422	1426	1432	rBV7	21464	39771	0.30%	0.021%
29	11.942	1489	1494	1499	rBV2	34481	53969	0.40%	0.028%
30	12.006	1499	1505	1515	rVV3	41112	100224	0.75%	0.052%
31	12.100	1515	1521	1528	rVV	57874	111795	0.83%	0.058%
32	12.177	1528	1534	1541	rVB	40092	73308	0.55%	0.038%
33	12.394	1565	1571	1577	rBV	36680	63319	0.47%	0.033%
34	12.724	1622	1627	1632	rBV4	28413	53877	0.40%	0.028%

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35	12.971	1663	1669	1677	rBV2	47176	76811	0.57%	0.040%
36	13.147	1695	1699	1703	rVV6	48023	83772	0.62%	0.044%
37	13.200	1704	1708	1713	rVB2	62216	96056	0.72%	0.050%
38	13.265	1713	1719	1724	rBV	163142	276158	2.06%	0.144%
39	13.606	1771	1777	1781	rBV	205288	336140	2.50%	0.176%
40	13.689	1787	1791	1796	rVB3	91052	141414	1.05%	0.074%
41	13.783	1801	1807	1811	rVV	4693816	6373862	47.46%	3.328%
42	13.830	1811	1815	1824	rVB	1367038	1913034	14.25%	0.999%
43	14.065	1848	1855	1869	rVB	5198134	8196818	61.04%	4.280%
44	14.206	1874	1879	1886	rVB5	87541	167957	1.25%	0.088%
45	14.277	1886	1891	1896	rBV	141575	183004	1.36%	0.096%
46	14.371	1897	1907	1914	rBV2	4192573	6482128	48.27%	3.385%
47	14.436	1914	1918	1927	rVB	105681	180256	1.34%	0.094%
48	14.512	1927	1931	1934	rBV2	61948	91173	0.68%	0.048%
49	14.565	1934	1940	1944	rBV	1534869	2131542	15.87%	1.113%
50	14.624	1944	1950	1962	rVV	5375882	8523410	63.47%	4.450%
51	14.718	1962	1966	1971	rVV	188197	316748	2.36%	0.165%
52	14.788	1972	1978	1983	rVB3	111373	243217	1.81%	0.127%
53	14.900	1993	1997	2004	rVB4	51594	88030	0.66%	0.046%
54	14.977	2005	2010	2011	rBV4	38337	59983	0.45%	0.031%
55	15.036	2017	2020	2025	rVB4	62642	92644	0.69%	0.048%
56	15.177	2039	2044	2048	rBV2	81364	134546	1.00%	0.070%
57	15.230	2048	2053	2058	rVB3	231509	334905	2.49%	0.175%
58	15.365	2067	2076	2082	rBV	6693400	9917731	73.85%	5.178%
59	15.418	2082	2085	2090	rVV2	109308	154405	1.15%	0.081%
60	15.483	2091	2096	2103	rVB	800640	1056848	7.87%	0.552%
61	15.641	2120	2123	2127	rVB2	137565	174355	1.30%	0.091%
62	15.788	2146	2148	2153	rBV3	36381	53310	0.40%	0.028%
63	15.859	2157	2160	2167	rVB6	76253	140776	1.05%	0.074%
64	16.094	2196	2200	2203	rBV	477271	687297	5.12%	0.359%
65	16.771	2312	2315	2323	rVB2	105596	153900	1.15%	0.080%
66	16.888	2331	2335	2339	rBV	530614	611624	4.55%	0.319%
67	16.941	2340	2344	2354	rVB	405339	612210	4.56%	0.320%
68	17.024	2355	2358	2365	rBV6	77229	134367	1.00%	0.070%
69	17.124	2369	2375	2379	rBV2	5105244	7647356	56.94%	3.993%
70	17.165	2379	2382	2386	rVB	1732533	2177522	16.21%	1.137%
71	17.218	2386	2391	2396	rBV2	6751560	10032756	74.71%	5.239%

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72	17.359	2413	2415	2418	rBV2	61878	61767	0.46%	0.032%
73	17.524	2440	2443	2446	rBV	112825	140732	1.05%	0.073%
74	17.630	2457	2461	2467	rBV	632625	747175	5.56%	0.390%
75	17.994	2520	2523	2525	rBV	276879	356785	2.66%	0.186%
76	18.029	2525	2529	2538	rVB2	2099889	3394064	25.27%	1.772%
77	18.188	2552	2556	2560	rBV2	375841	622459	4.64%	0.325%
78	18.324	2575	2579	2588	rBV	599382	906488	6.75%	0.473%
79	18.500	2606	2609	2612	rBV	233598	287932	2.14%	0.150%
80	18.541	2613	2616	2621	rVB2	254153	334014	2.49%	0.174%
81	18.924	2677	2681	2684	rBV	290494	394007	2.93%	0.206%
82	18.965	2684	2688	2694	rVV3	505105	693753	5.17%	0.362%
83	19.065	2701	2705	2711	rBV	234597	381733	2.84%	0.199%
84	19.188	2721	2726	2734	rVB	3859797	5113780	38.08%	2.670%
85	19.312	2744	2747	2755	rBV2	1090392	1628274	12.12%	0.850%
86	19.529	2778	2784	2787	rBV2	8011761	13429507	100.00%	7.012%
87	20.053	2870	2873	2876	rVB	453536	493916	3.68%	0.258%
88	21.047	3038	3042	3049	rVB3	2562437	3152261	23.47%	1.646%
89	21.259	3075	3078	3083	rVB	524966	604266	4.50%	0.316%
90	21.335	3084	3091	3094	rVV2	5871300	10260758	76.40%	5.358%
91	21.370	3094	3097	3107	rVB	1936075	3001272	22.35%	1.567%
92	21.494	3115	3118	3121	rBV2	1019418	1255664	9.35%	0.656%
93	21.941	3190	3194	3203	rBV3	1573262	2737523	20.38%	1.429%
94	22.412	3270	3274	3278	rBV2	1549532	2031902	15.13%	1.061%
95	22.923	3357	3361	3365	rBV	2782573	4516044	33.63%	2.358%
96	22.965	3365	3368	3374	rVB2	2076067	3041654	22.65%	1.588%
97	23.464	3447	3453	3456	rBV2	3747467	6882647	51.25%	3.594%
98	23.500	3457	3459	3465	rVB	1919012	2678328	19.94%	1.398%
99	23.612	3471	3478	3479	rBV	5972725	10510269	78.26%	5.488%
100	24.159	3566	3571	3576	rBV	1960086	4884535	36.37%	2.550%

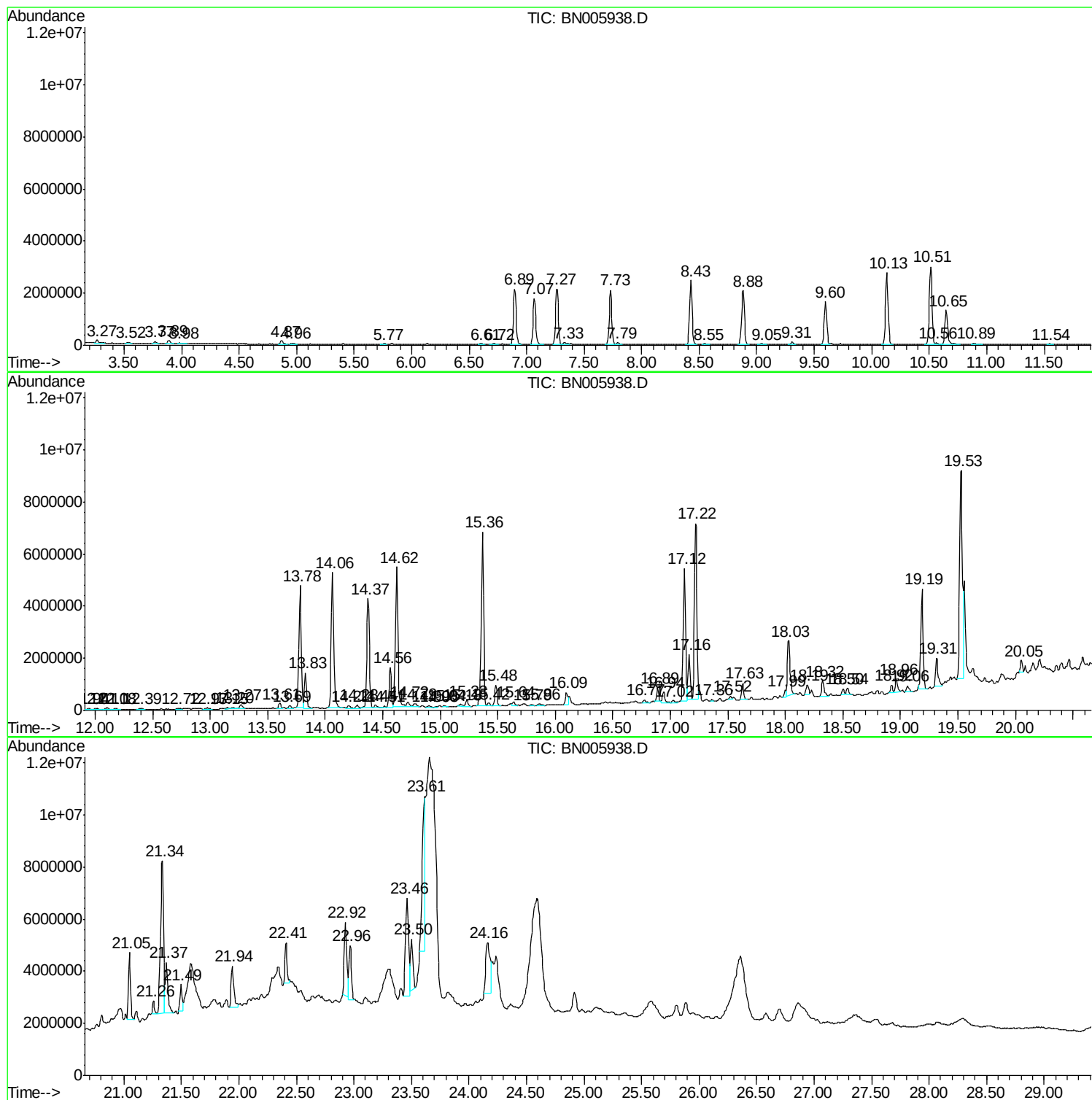
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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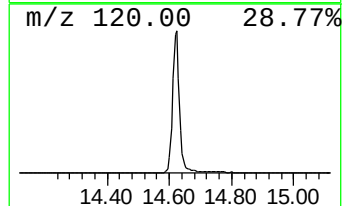
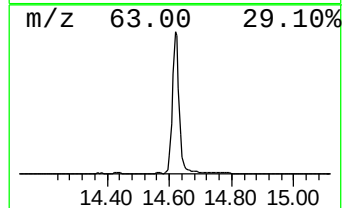
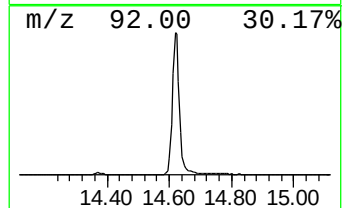
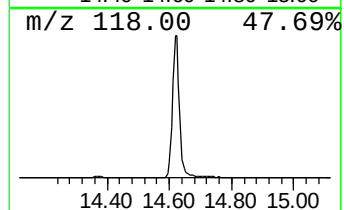
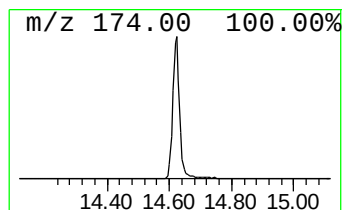
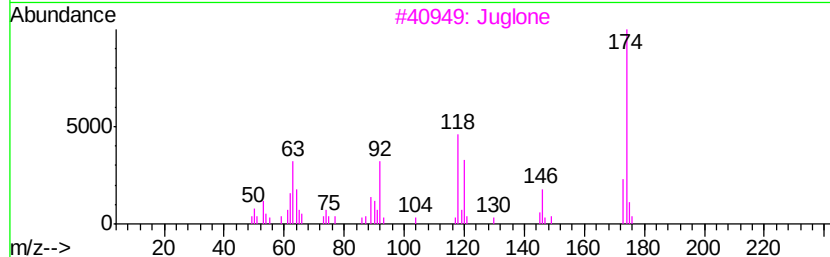
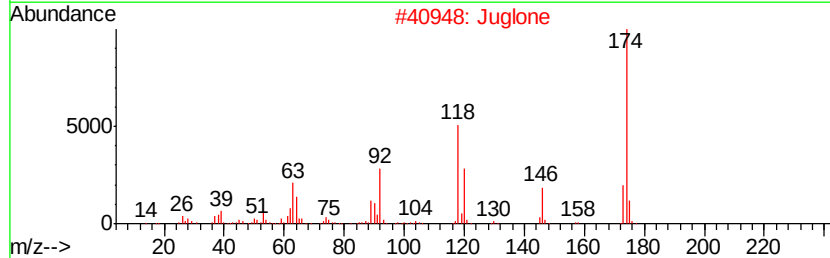
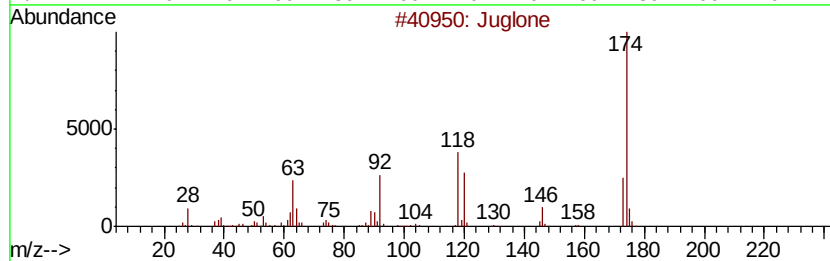
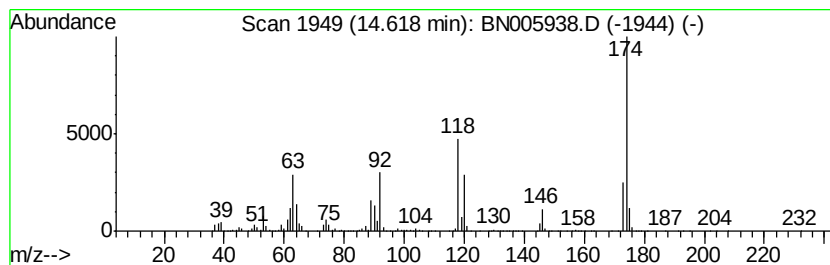
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Juglone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	26.30 ng/ul	8523410	Acenaphthene-d10	14.37
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	53
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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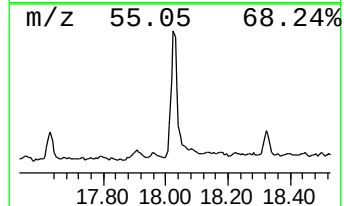
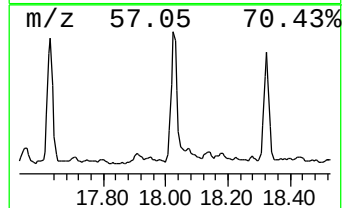
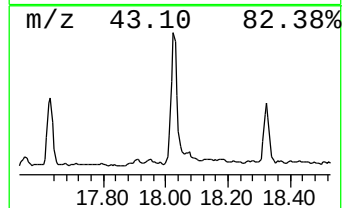
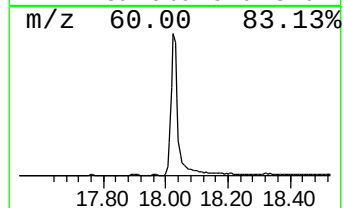
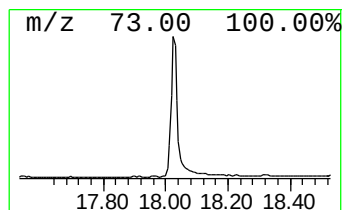
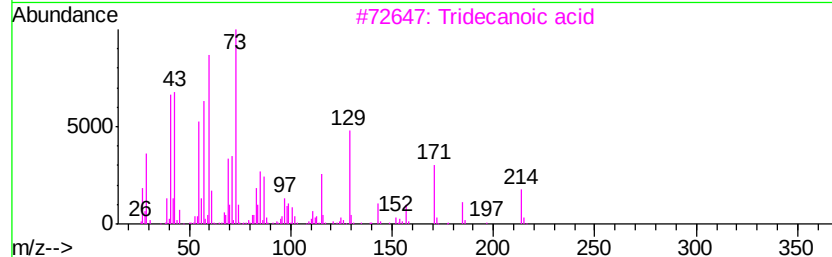
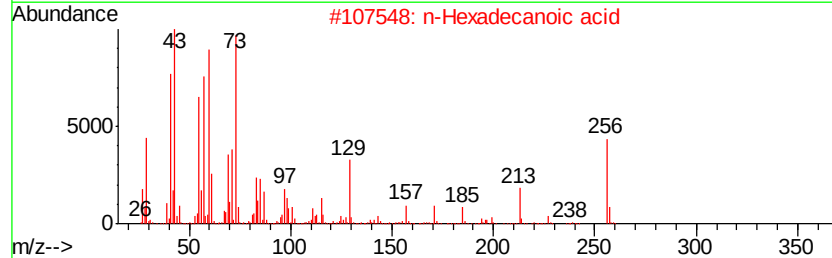
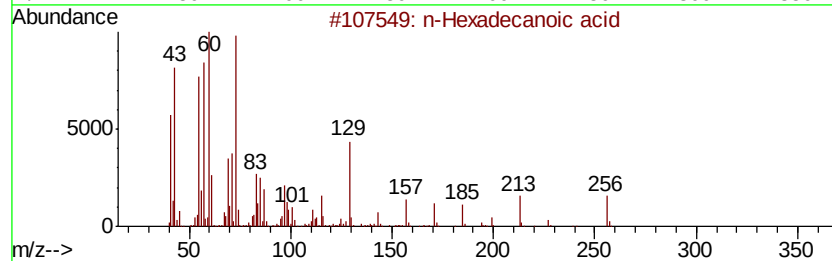
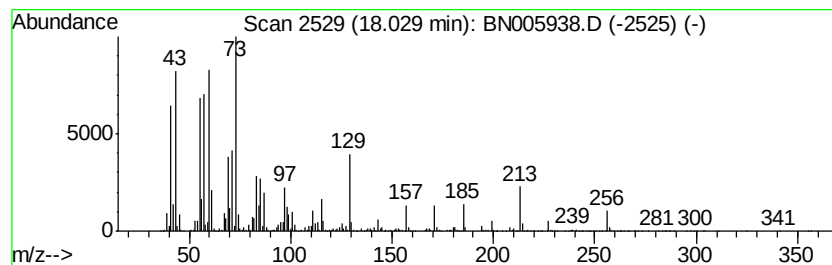
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	8.88 ng/ul	3394060	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	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	94
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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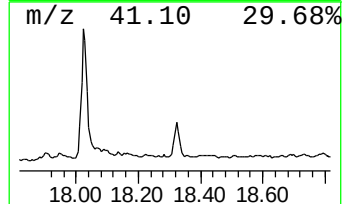
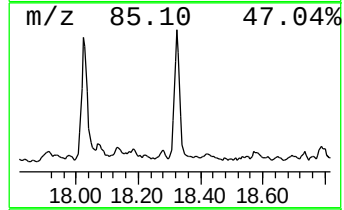
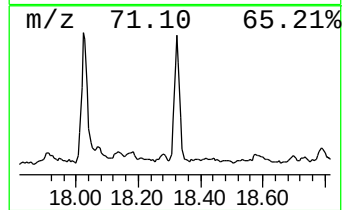
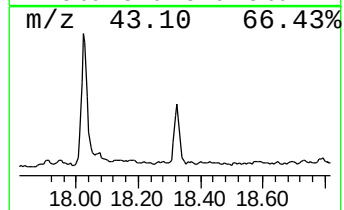
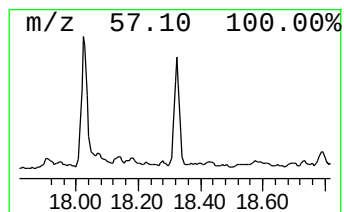
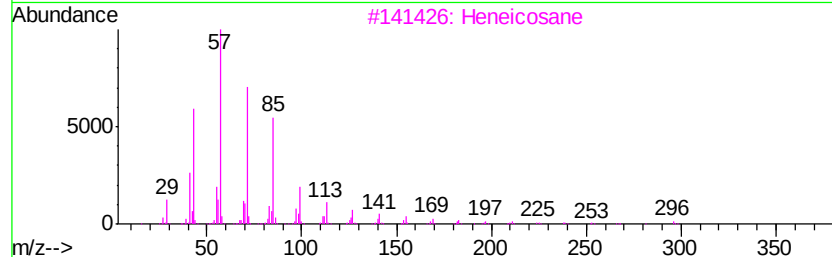
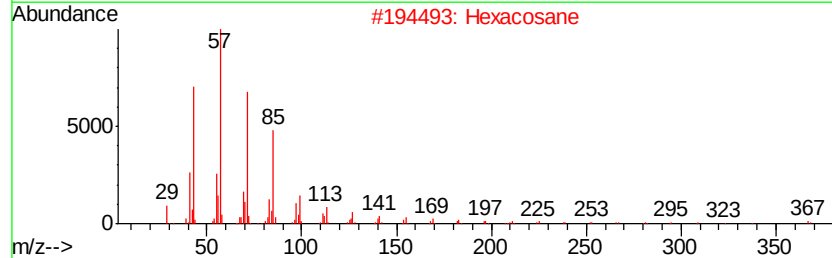
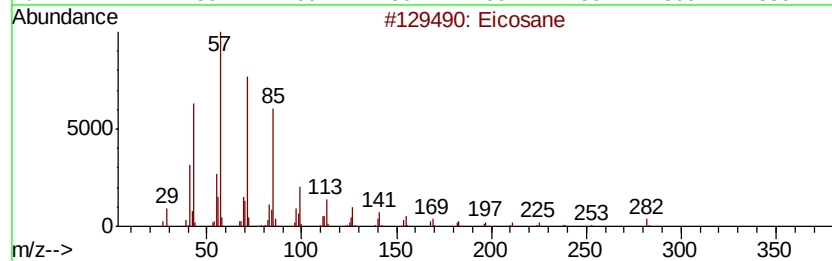
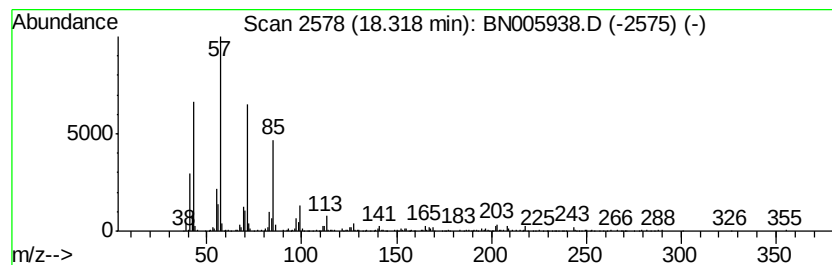
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.37 ng/ul	906488	Phenanthrene-d10	17.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Hexacosane	366	C26H54	000630-01-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Triacontane	422	C30H62	000638-68-6	90
5		Tetracosane	338	C24H50	000646-31-1	87



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Acq On : 29 May 2019 19:40
Operator : JU/SJ
Sample : K2924-17
Misc :
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Instrument :
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ClientSampleId :
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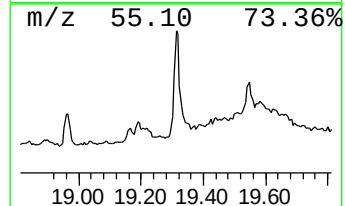
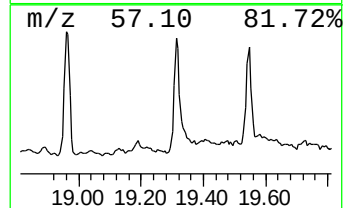
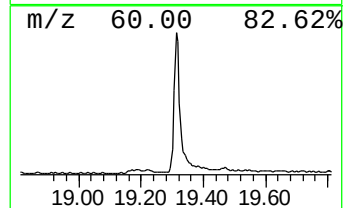
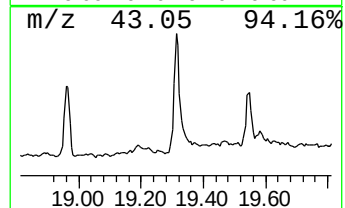
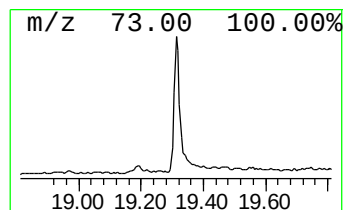
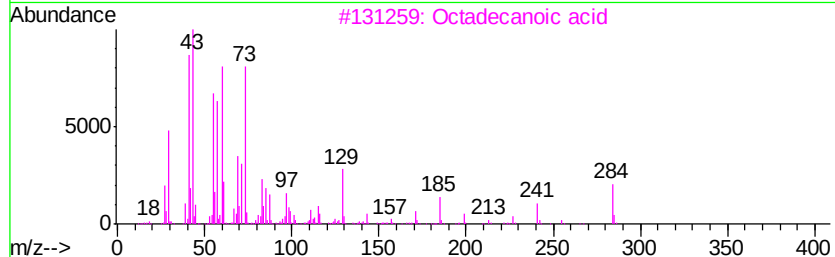
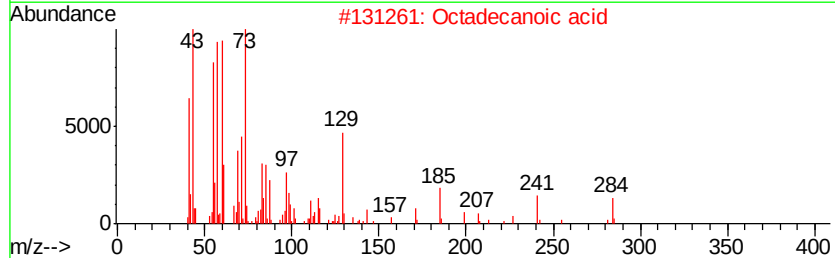
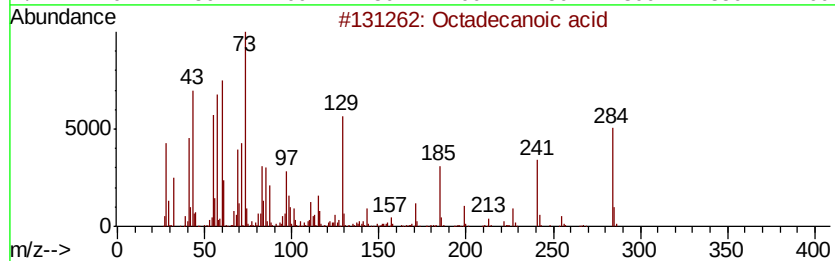
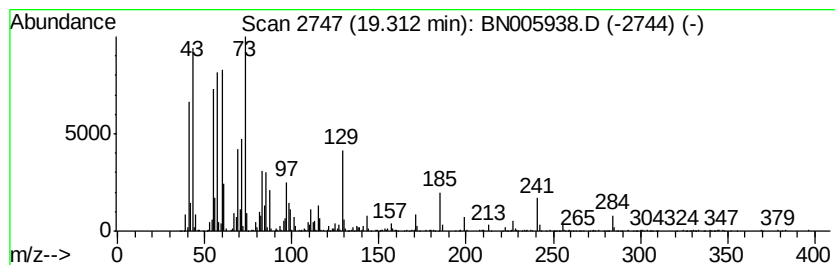
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	3.17 ng/ul	1628270	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	99
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005938.D
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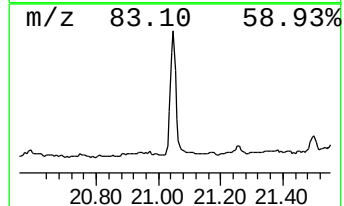
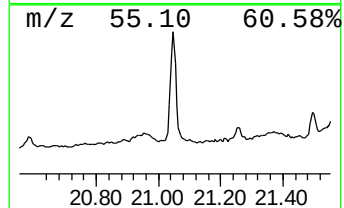
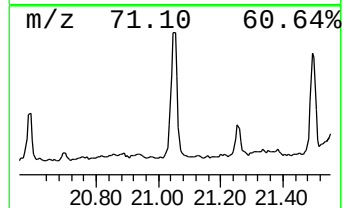
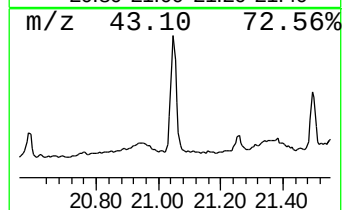
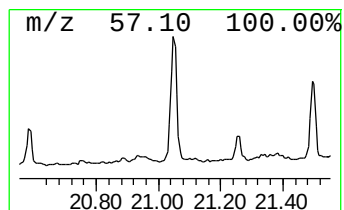
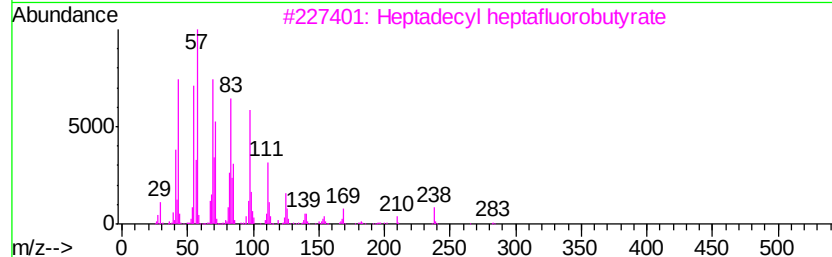
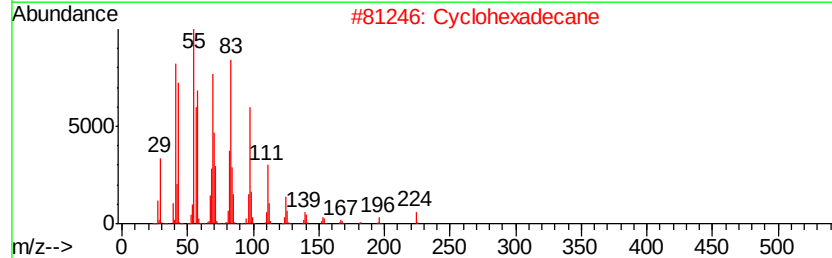
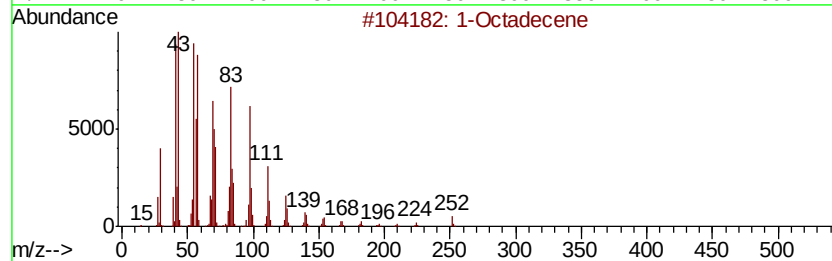
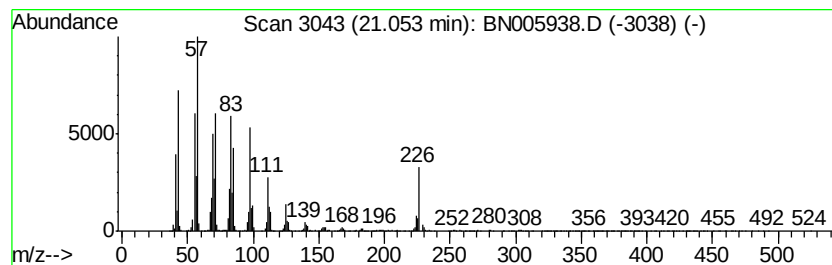
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	6.14 ng/ul	3152260	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octadecene	252	C18H36	000112-88-9	96
2		Cyclohexadecane	224	C16H32	000295-65-8	94
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	93
4		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	93
5		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005938.D
Acq On : 29 May 2019 19:40
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Sample : K2924-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

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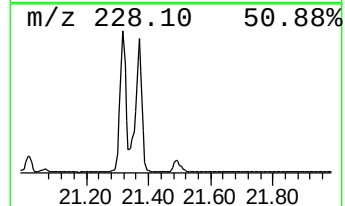
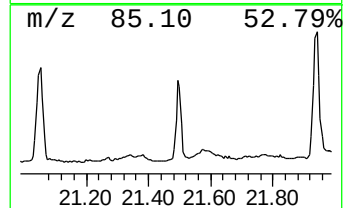
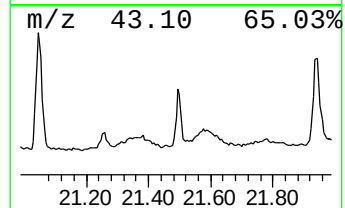
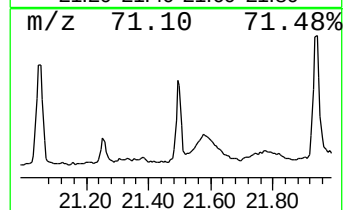
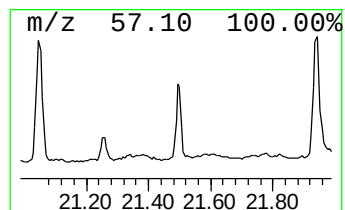
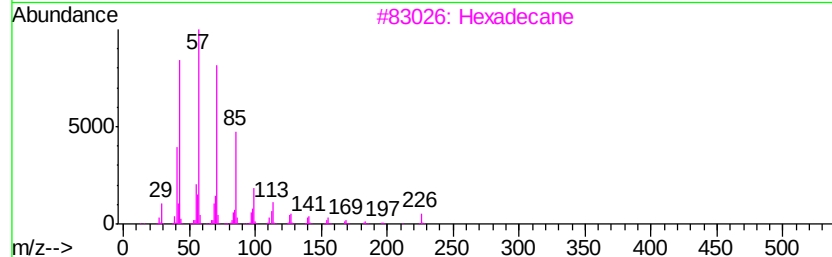
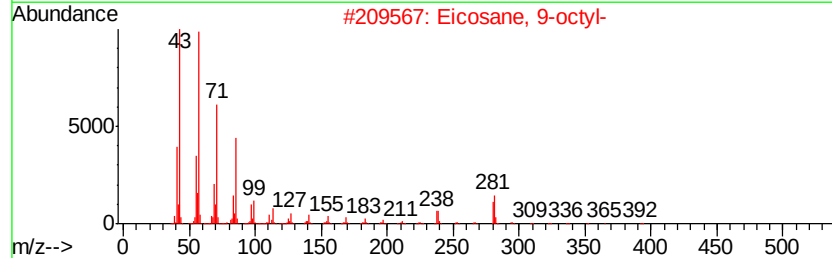
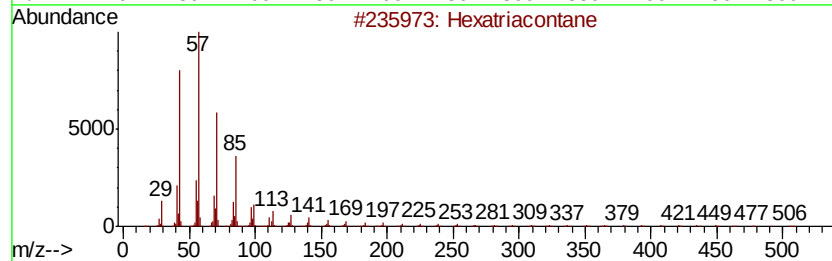
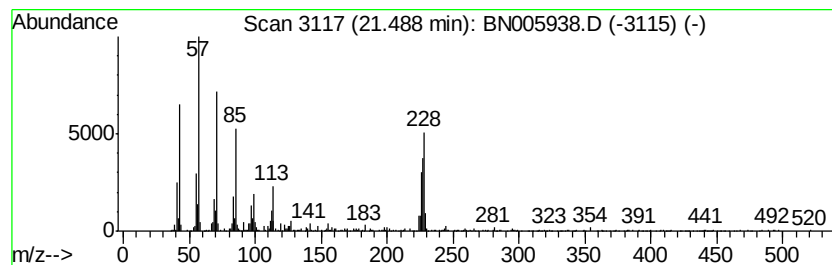
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	2.45 ng/ul	1255660	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	96
2		Eicosane, 9-octyl-	394	C28H58	013475-77-9	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Hexadecane	226	C16H34	000544-76-3	83
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005938.D
Acq On : 29 May 2019 19:40
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Sample : K2924-17
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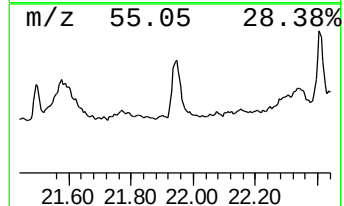
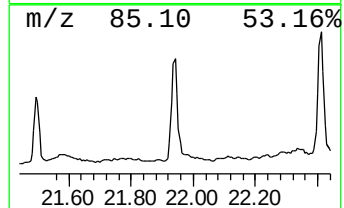
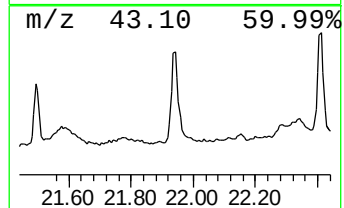
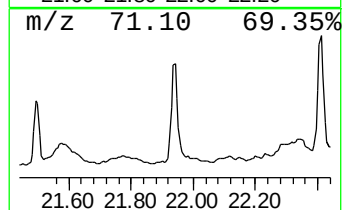
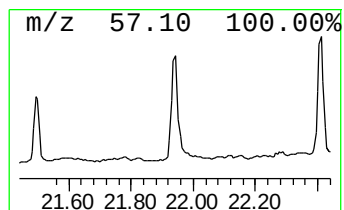
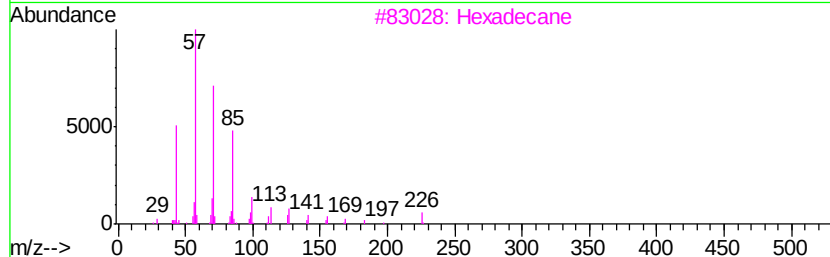
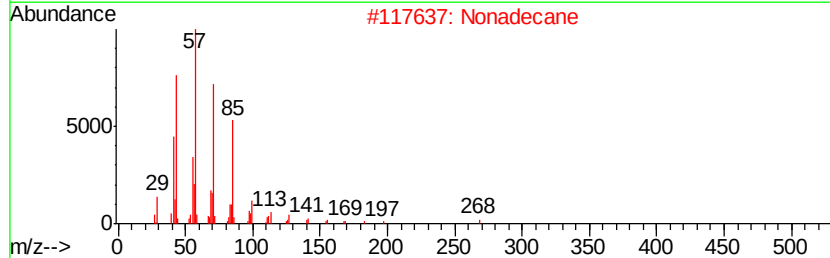
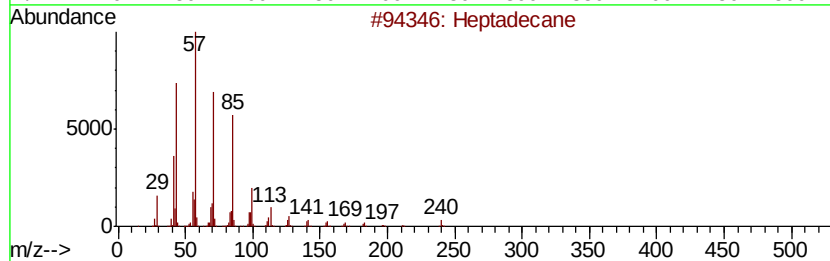
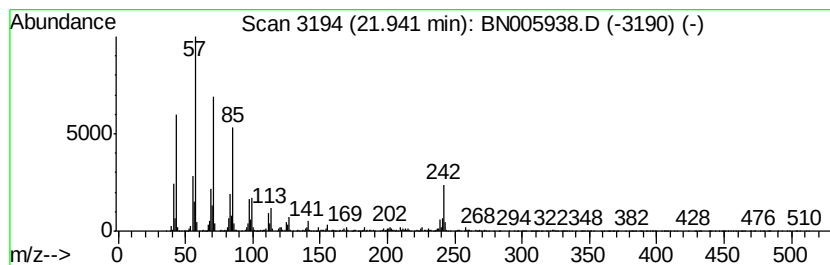
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	5.34 ng/ul	2737520	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	96
2		Nonadecane	268	C19H40	000629-92-5	92
3		Hexadecane	226	C16H34	000544-76-3	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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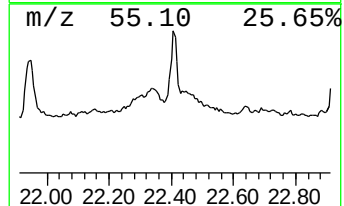
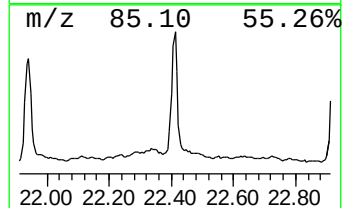
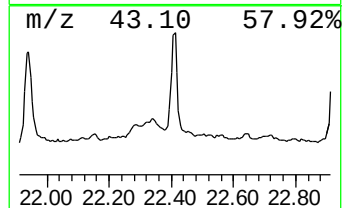
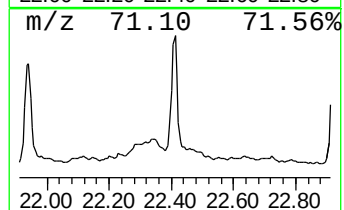
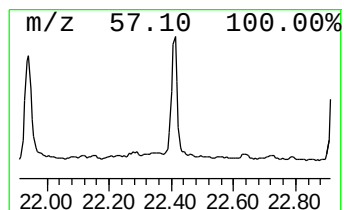
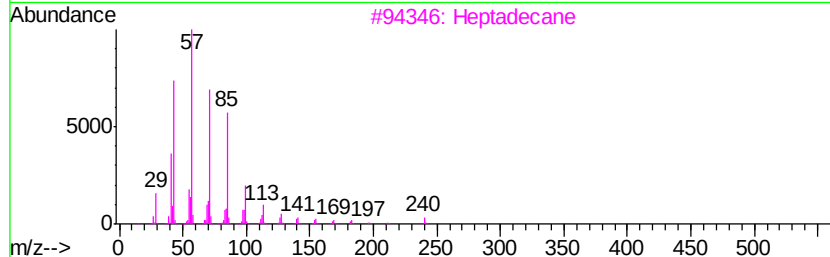
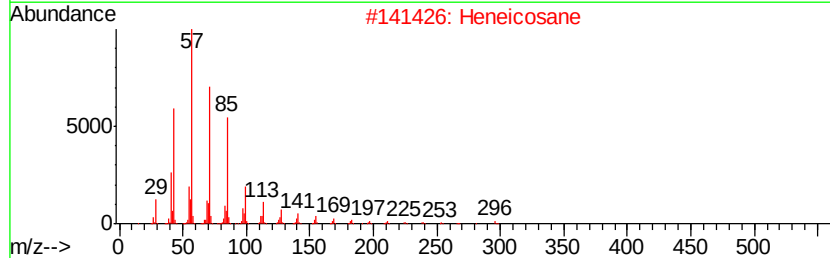
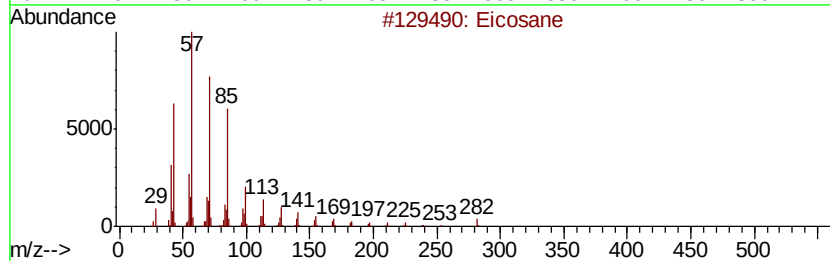
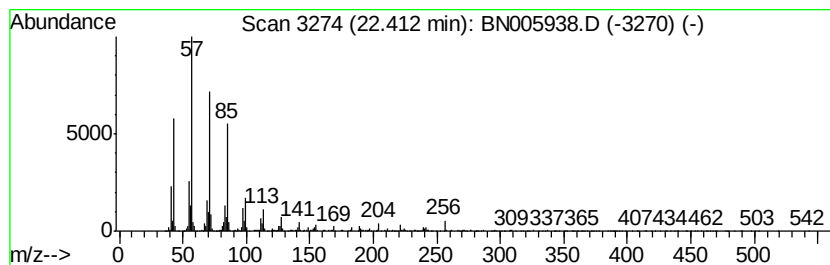
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	3.96 ng/ul	2031900	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heneicosane	296	C21H44	000629-94-7	96
3		Heptadecane	240	C17H36	000629-78-7	95
4		Eicosane	282	C20H42	000112-95-8	94
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
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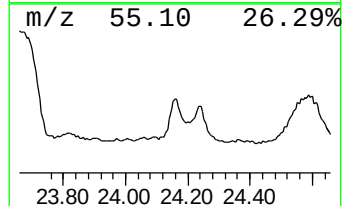
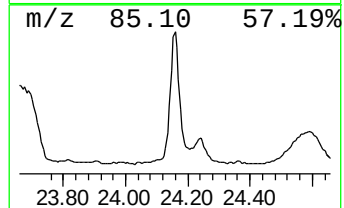
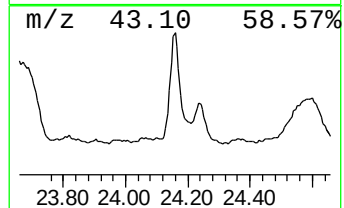
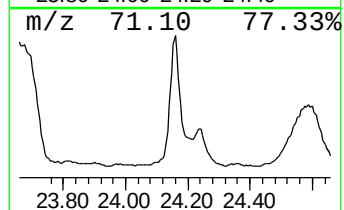
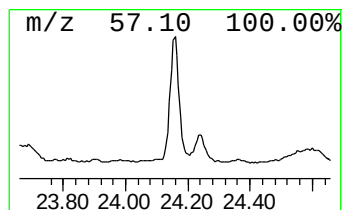
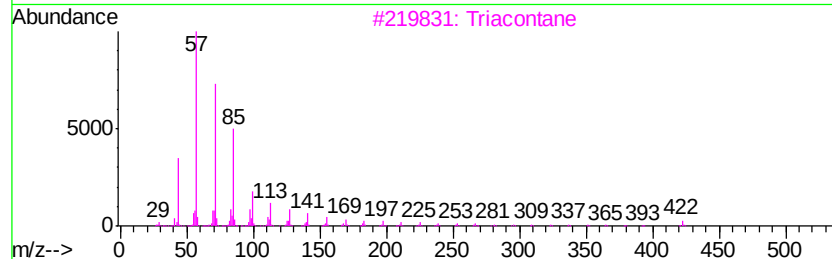
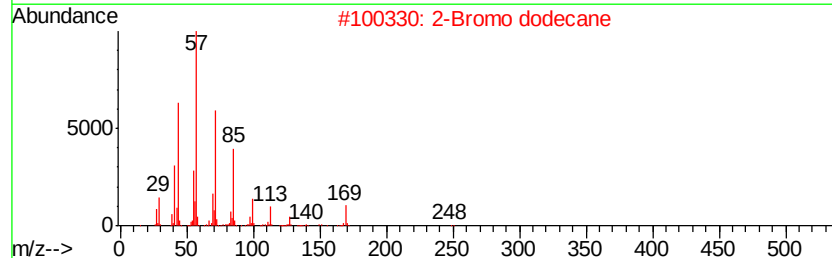
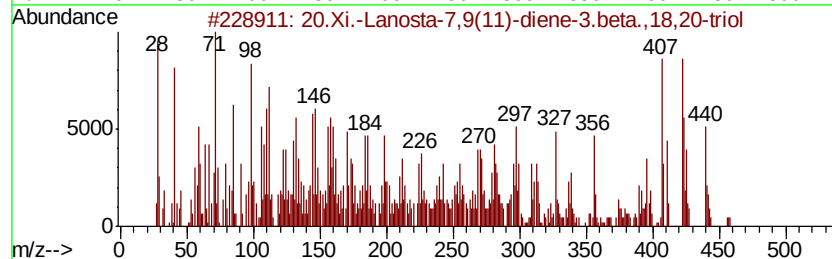
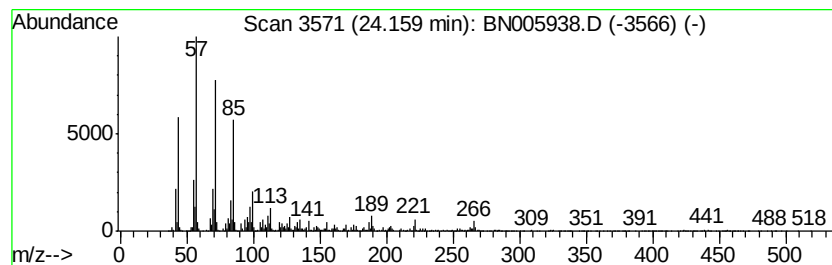
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 20.Xi.-Lanosta-7,9(11)-dien... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	9.29 ng/ul	4884540	Perylene-d12	23.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	20.Xi.-Lanosta-7,9(11)-diene-3.b...	458	C30H50O3	025116-58-9	95
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	94
3		Triacontane	422	C30H62	000638-68-6	93
4		2-methyloctacosane	408	C29H60	1000376-72-8	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052919\
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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
Juglone	14.62	26.3	ng/ul	8523410	3	14.37	6482130	20.0
n-Hexadecanoic acid	18.03	8.9	ng/ul	3394060	4	17.12	7647360	20.0
(DEL) Alkane: Str...	18.32	2.4	ng/ul	906488	4	17.12	7647360	20.0
Octadecanoic acid	19.31	3.2	ng/ul	1628270	5	21.34	10260800	20.0
(DEL) Alkane: Cyc...	21.05	6.1	ng/ul	3152260	5	21.34	10260800	20.0
(DEL) Alkane: Str...	21.49	2.5	ng/ul	1255660	5	21.34	10260800	20.0
(DEL) Alkane: Str...	21.94	5.3	ng/ul	2737520	5	21.34	10260800	20.0
(DEL) Alkane: Str...	22.41	4.0	ng/ul	2031900	5	21.34	10260800	20.0
20.Xi.-Lanosta-7,...	24.16	9.3	ng/ul	4884540	6	23.61	10510300	20.0