

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
 Data File : BN005942.D
 Acq On : 29 May 2019 21:59
 Operator : JU/SJ
 Sample : K2928-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B7

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	32	rVB	95322	175691	1.91%	0.155%
2	3.677	86	89	92	rBV4	16714	18474	0.20%	0.016%
3	3.771	101	105	114	rVB	127184	183672	1.99%	0.162%
4	3.895	120	126	134	rVB	151596	234392	2.55%	0.207%
5	3.989	139	142	147	rVB	26573	40348	0.44%	0.036%
6	4.083	154	158	165	rBV4	23959	41928	0.46%	0.037%
7	4.348	198	203	207	rBV4	26120	41867	0.45%	0.037%
8	4.524	229	233	238	rVB4	26352	36620	0.40%	0.032%
9	4.877	286	293	299	rBV	177273	267459	2.90%	0.236%
10	4.971	305	309	314	rVB2	34574	49820	0.54%	0.044%
11	5.777	440	446	449	rBV7	11943	19289	0.21%	0.017%
12	5.812	449	452	454	rVV4	18915	27963	0.30%	0.025%
13	5.836	454	456	463	rVB	28000	37157	0.40%	0.033%
14	6.147	505	509	514	rVB2	26860	40550	0.44%	0.036%
15	6.395	549	551	556	rVB5	12403	13902	0.15%	0.012%
16	6.618	583	589	595	rBV3	31242	51715	0.56%	0.046%
17	6.747	606	611	614	rBV6	20722	34206	0.37%	0.030%
18	6.912	629	639	655	rVB	1862277	3049495	33.12%	2.696%
19	7.077	655	667	680	rVB	1461356	2329654	25.30%	2.059%
20	7.277	694	701	710	rBV	1903415	2997913	32.56%	2.650%
21	7.359	710	715	720	rVB7	10543	20423	0.22%	0.018%
22	7.742	772	780	787	rBV	2412957	3816934	41.45%	3.374%
23	7.800	787	790	797	rVB2	49006	70364	0.76%	0.062%
24	7.965	812	818	820	rBV7	10510	19547	0.21%	0.017%
25	8.136	840	847	850	rBV8	9102	15525	0.17%	0.014%
26	8.283	867	872	875	rBV6	14054	24738	0.27%	0.022%
27	8.441	891	899	908	rBV	2276286	3651936	39.66%	3.228%
28	8.559	916	919	923	rVB4	18094	26334	0.29%	0.023%
29	8.630	927	931	936	rBV8	6071	11883	0.13%	0.011%
30	8.894	968	976	985	rBV	1802443	2912140	31.63%	2.574%
31	9.006	992	995	999	rBV5	10652	19790	0.21%	0.017%
32	9.053	999	1003	1008	rVB4	31641	45179	0.49%	0.040%
33	9.306	1038	1046	1055	rVB	62507	110774	1.20%	0.098%
34	9.430	1060	1067	1069	rBV8	11330	21005	0.23%	0.019%

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35	9.612	1088	1098	1105	rBV	1229951	2002287	21.75%	1.770%
36	9.771	1119	1125	1130	rVB10	9227	18721	0.20%	0.017%
37	9.841	1133	1137	1143	rVB6	14904	26386	0.29%	0.023%
38	10.147	1182	1189	1199	rBV	2401474	3945405	42.85%	3.488%
39	10.306	1210	1216	1220	rBV9	16394	25847	0.28%	0.023%
40	10.530	1245	1254	1260	rBV	3384548	5819037	63.20%	5.144%
41	10.577	1260	1262	1266	rVV	53595	71019	0.77%	0.063%
42	10.665	1266	1277	1295	rVB2	974407	1924045	20.90%	1.701%
43	11.118	1348	1354	1358	rVB7	6952	12620	0.14%	0.011%
44	11.177	1361	1364	1369	rVB7	9606	14583	0.16%	0.013%
45	11.312	1383	1387	1392	rVB5	19311	31488	0.34%	0.028%
46	11.441	1405	1409	1410	rBV4	12448	14958	0.16%	0.013%
47	11.559	1423	1429	1433	rVB9	9590	17265	0.19%	0.015%
48	11.800	1465	1470	1476	rBV8	11899	22158	0.24%	0.020%
49	11.912	1486	1489	1493	rBV4	12261	12838	0.14%	0.011%
50	11.953	1493	1496	1500	rVB6	14778	20529	0.22%	0.018%
51	12.018	1504	1507	1513	rBV4	11945	16685	0.18%	0.015%
52	12.118	1516	1524	1531	rBV	49008	84137	0.91%	0.074%
53	12.194	1533	1537	1541	rVB3	22187	30720	0.33%	0.027%
54	12.312	1551	1557	1560	rBV7	10718	17897	0.19%	0.016%
55	12.418	1569	1575	1581	rBV3	17144	31392	0.34%	0.028%
56	12.653	1611	1615	1618	rVB6	11238	18776	0.20%	0.017%
57	12.729	1625	1628	1634	rBV7	16938	28516	0.31%	0.025%
58	12.988	1666	1672	1676	rVB5	17406	25450	0.28%	0.022%
59	13.112	1685	1693	1697	rBV8	17087	37242	0.40%	0.033%
60	13.159	1697	1701	1706	rVV4	25292	44250	0.48%	0.039%
61	13.206	1706	1709	1715	rVB8	22294	38515	0.42%	0.034%
62	13.277	1720	1721	1729	rVB6	11017	21984	0.24%	0.019%
63	13.347	1729	1733	1736	rBV6	14991	21269	0.23%	0.019%
64	13.553	1763	1768	1774	rBV10	12178	29583	0.32%	0.026%
65	13.624	1774	1780	1790	rVV	152318	273182	2.97%	0.241%
66	13.700	1790	1793	1799	rVV8	26177	48256	0.52%	0.043%
67	13.794	1799	1809	1813	rVV	4182452	5641468	61.27%	4.987%
68	13.841	1813	1817	1826	rVV	1374772	1864823	20.25%	1.648%
69	13.912	1826	1829	1832	rVV5	14522	20417	0.22%	0.018%
70	13.941	1832	1834	1840	rVB7	11588	15452	0.17%	0.014%
71	14.076	1851	1857	1867	rVB	4737969	6982658	75.83%	6.172%

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72	14.288	1889	1893	1898	rBV3	27922	36935	0.40%	0.033%
73	14.388	1900	1910	1917	rBV2	5079899	7597407	82.51%	6.716%
74	14.447	1917	1920	1926	rVB	89105	131702	1.43%	0.116%
75	14.529	1929	1934	1938	rBV	106687	145314	1.58%	0.128%
76	14.588	1938	1944	1948	rBV	1661379	2365703	25.69%	2.091%
77	14.641	1948	1953	1966	rVV	4675112	7447256	80.88%	6.583%
78	14.741	1966	1970	1975	rVV	182780	316105	3.43%	0.279%
79	14.794	1975	1979	1987	rVB3	68947	169206	1.84%	0.150%
80	15.188	2043	2046	2050	rBV2	31624	39626	0.43%	0.035%
81	15.241	2051	2055	2061	rVB4	56719	82114	0.89%	0.073%
82	15.382	2069	2079	2085	rBV	6062170	9207706	100.00%	8.139%
83	15.435	2085	2088	2092	rVB2	104951	137994	1.50%	0.122%
84	15.512	2097	2101	2107	rVV	91031	126515	1.37%	0.112%
85	15.623	2116	2120	2125	rBV2	54609	81197	0.88%	0.072%
86	17.141	2372	2378	2382	rBV2	5583332	8461813	91.90%	7.480%
87	17.182	2382	2385	2389	rVB	1377815	1712439	18.60%	1.514%
88	17.235	2389	2394	2399	rBV2	5711692	8250396	89.60%	7.293%
89	18.035	2527	2530	2533	rBV	790834	938572	10.19%	0.830%
90	19.206	2725	2729	2735	rVB	2165082	2854055	31.00%	2.523%
91	19.541	2782	2786	2790	rBV	5493464	8042889	87.35%	7.110%
92	21.347	3090	3093	3097	rVB	4111448	5253248	57.05%	4.644%

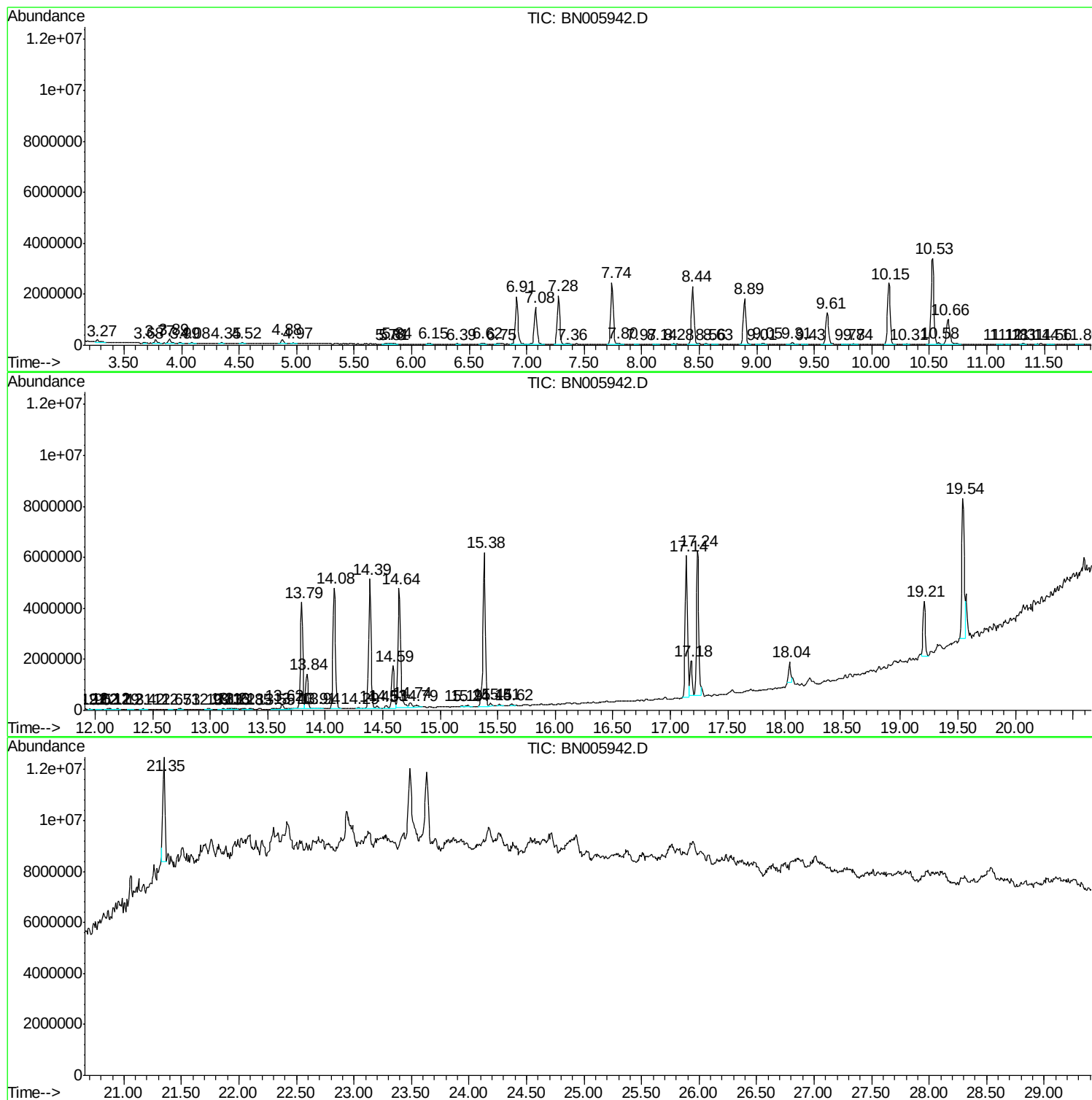
Sum of corrected areas: 113128737

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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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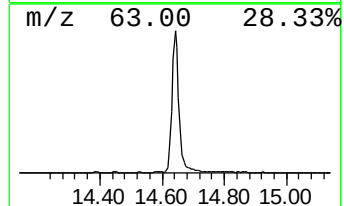
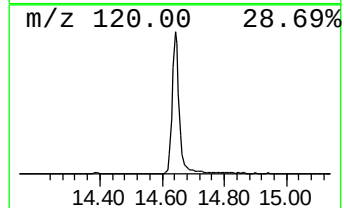
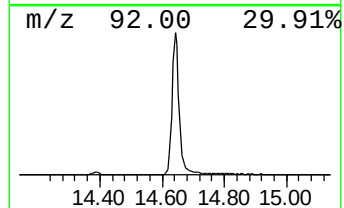
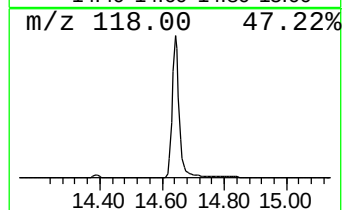
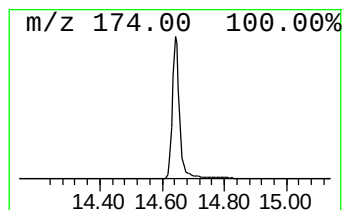
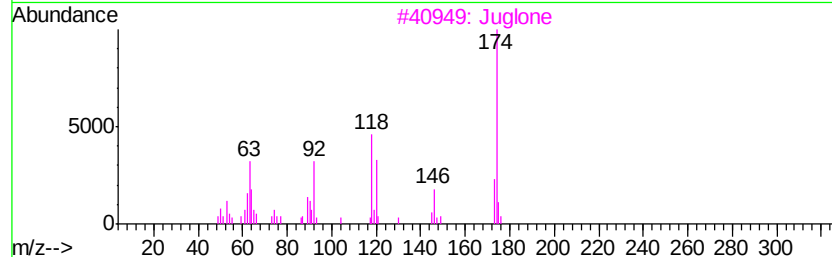
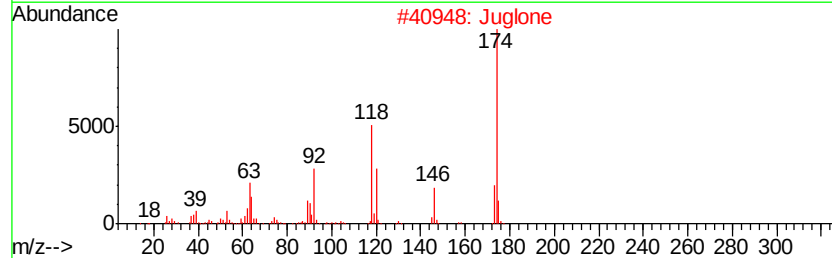
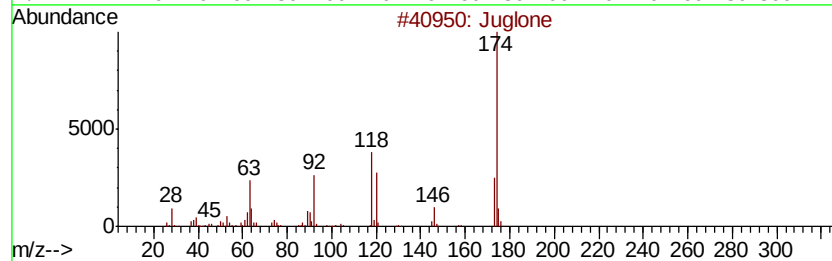
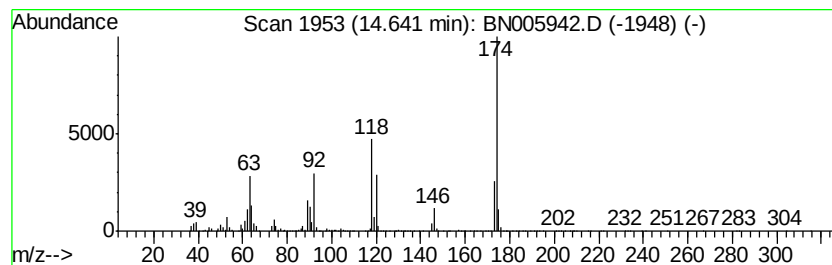
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Quant Title : SVOA CALIBRATION

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	19.60 ng/ul	7447260	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	64
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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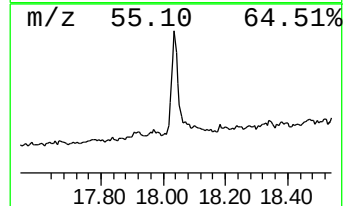
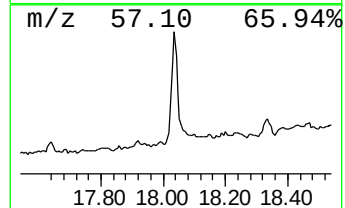
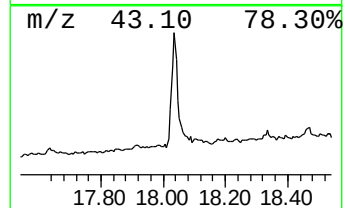
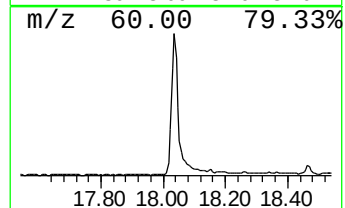
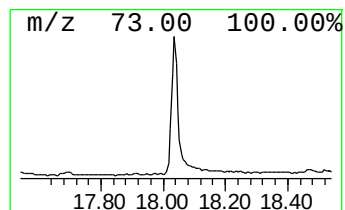
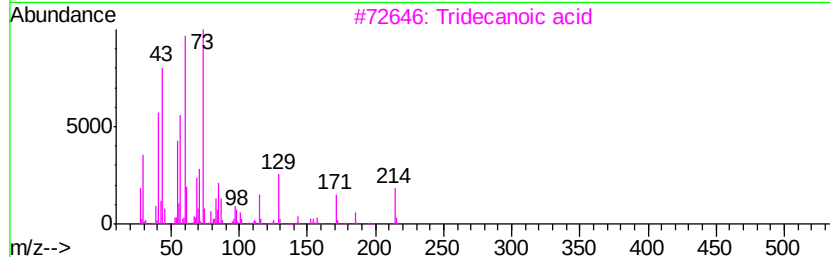
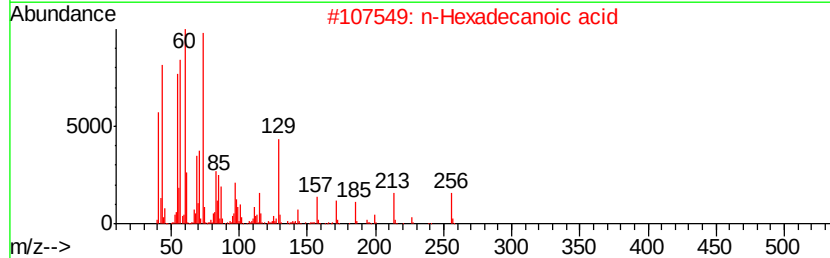
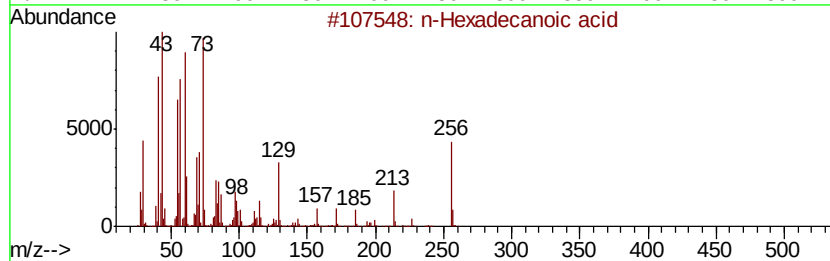
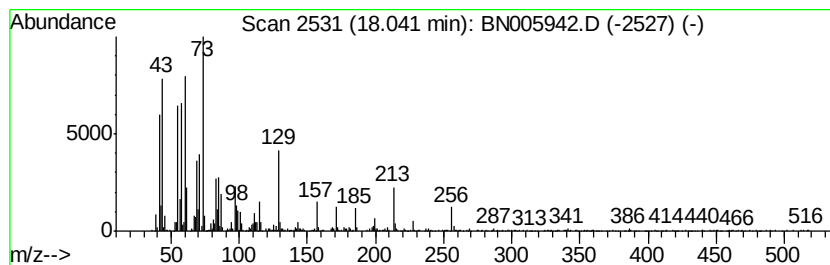
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.22 ng/ul	938572	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	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Juglone	14.64	19.6	ng/ul	7447260	3	14.39	7597410	20.0
n-Hexadecanoic acid	18.04	2.2	ng/ul	938572	4	17.14	8461810	20.0