

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP102219\
 Data File : BP000949.D
 Acq On : 22 Oct 2019 18:00
 Operator : JU
 Sample : K5235-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BEPB3

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_P\METHODS\SOM-EPA-BP100919MA.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	2.352	42	45	54	rBV	14395	20735	1.39%	0.094%
2	3.493	233	239	248	rBV	14140	25795	1.73%	0.117%
3	3.640	259	264	270	rVV3	3740	7272	0.49%	0.033%
4	3.699	270	274	278	rVV	7317	11373	0.76%	0.051%
5	3.740	278	281	290	rVB	5245	8090	0.54%	0.037%
6	4.904	474	479	483	rBV	5942	6538	0.44%	0.030%
7	6.381	726	730	734	rBV	403639	420634	28.18%	1.904%
8	6.422	734	737	749	rVV	413522	387686	25.97%	1.755%
9	6.510	749	752	758	rVV	585631	475798	31.87%	2.154%
10	6.740	787	791	800	rBV	791042	720050	48.23%	3.260%
11	6.857	808	811	817	rBV	22032	18901	1.27%	0.086%
12	7.128	853	857	872	rBV	373980	383016	25.66%	1.734%
13	7.298	882	886	895	rBV	502335	418681	28.05%	1.895%
14	7.510	919	922	925	rBV	14332	12528	0.84%	0.057%
15	7.622	938	941	953	rBV	385114	348922	23.37%	1.580%
16	7.875	981	984	1005	rBV	579278	565970	37.91%	2.562%
17	8.022	1005	1009	1012	rVV	1251084	964098	64.58%	4.365%
18	8.087	1016	1020	1033	rVB	294965	287676	19.27%	1.302%
19	8.710	1123	1126	1129	rBV	9585	9310	0.62%	0.042%
20	8.981	1169	1172	1176	rVB	15808	12767	0.86%	0.058%
21	9.228	1209	1214	1217	rVV2	9688	9311	0.62%	0.042%
22	9.375	1233	1239	1244	rBV	6903	9104	0.61%	0.041%
23	9.439	1247	1250	1253	rVV3	6766	6773	0.45%	0.031%
24	9.475	1253	1256	1259	rVV	923166	844722	56.58%	3.824%
25	9.498	1259	1260	1265	rVB	394030	264131	17.69%	1.196%
26	9.628	1279	1282	1286	rBV	1268178	1036757	69.45%	4.693%
27	9.786	1305	1309	1312	rVV	1459371	1220569	81.76%	5.526%
28	9.816	1312	1314	1317	rVB3	9138	7649	0.51%	0.035%
29	9.875	1321	1324	1327	rBV	17631	15484	1.04%	0.070%
30	9.916	1327	1331	1338	rBV	88033	131772	8.83%	0.597%
31	9.975	1338	1341	1343	rVV	47055	42636	2.86%	0.193%
32	9.998	1343	1345	1350	rVB2	73164	61829	4.14%	0.280%
33	10.198	1375	1379	1382	rBV3	9296	13718	0.92%	0.062%
34	10.304	1394	1397	1401	rBV	1389971	1237266	82.88%	5.601%

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35	10.333	1401	1402	1405	rVB	28945	15984	1.07%	0.072%
36	10.386	1408	1411	1416	rBV	168537	169586	11.36%	0.768%
37	10.428	1416	1418	1425	rVV	229755	186975	12.52%	0.846%
38	10.510	1428	1432	1435	rVB	1646429	1213295	81.27%	5.493%
39	10.692	1460	1463	1468	rBV	14426	19773	1.32%	0.090%
40	10.845	1486	1489	1493	rVV3	7370	8587	0.58%	0.039%
41	11.022	1516	1519	1529	rVB2	33867	34604	2.32%	0.157%
42	11.280	1560	1563	1566	rBV	1475220	1277373	85.57%	5.783%
43	11.304	1566	1567	1570	rVV	53318	40177	2.69%	0.182%
44	11.339	1570	1573	1579	rVV	1459359	1171484	78.47%	5.303%
45	11.404	1580	1584	1590	rVB6	8125	10232	0.69%	0.046%
46	11.522	1599	1604	1605	rBV2	4457	6690	0.45%	0.030%
47	11.651	1622	1626	1629	rVB	27115	25006	1.68%	0.113%
48	11.792	1646	1650	1652	rBV	14944	14271	0.96%	0.065%
49	11.822	1652	1655	1662	rVV2	34021	43542	2.92%	0.197%
50	11.904	1666	1669	1671	rVV	19716	21098	1.41%	0.096%
51	11.928	1671	1673	1679	rVB	10145	10173	0.68%	0.046%
52	12.098	1700	1702	1705	rVV2	10648	12703	0.85%	0.058%
53	12.122	1705	1706	1709	rVB2	9054	6646	0.45%	0.030%
54	12.275	1729	1732	1735	rBV2	11717	12141	0.81%	0.055%
55	12.351	1742	1745	1747	rBV	10801	10619	0.71%	0.048%
56	12.386	1747	1751	1753	rVV4	7843	11097	0.74%	0.050%
57	12.416	1753	1756	1761	rVV	209981	190882	12.79%	0.864%
58	12.457	1761	1763	1766	rVV3	14418	13696	0.92%	0.062%
59	12.492	1766	1769	1770	rVV	17186	15594	1.04%	0.071%
60	12.510	1770	1772	1777	rVB	108426	87072	5.83%	0.394%
61	12.651	1793	1796	1797	rBV	16260	13918	0.93%	0.063%
62	12.675	1797	1800	1803	rVV	325896	240289	16.10%	1.088%
63	12.722	1804	1808	1813	rVV	1649238	1492841	100.00%	6.758%
64	12.763	1813	1815	1819	rVB	46402	38773	2.60%	0.176%
65	12.910	1837	1840	1844	rVB2	12161	12249	0.82%	0.055%
66	12.969	1846	1850	1853	rBV4	8197	11466	0.77%	0.052%
67	13.051	1857	1864	1867	rBV4	23754	45521	3.05%	0.206%
68	13.145	1875	1880	1883	rBV2	20717	30991	2.08%	0.140%
69	13.180	1883	1886	1893	rVV3	16651	22068	1.48%	0.100%
70	13.245	1893	1897	1899	rVV4	6314	9381	0.63%	0.042%
71	13.275	1899	1902	1905	rVV	17530	18167	1.22%	0.082%

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72	13.310	1905	1908	1909	rVV2	10412	11008	0.74%	0.050%
73	13.322	1909	1910	1916	rVB3	13846	13315	0.89%	0.060%
74	13.474	1933	1936	1939	rBV	38688	34898	2.34%	0.158%
75	13.569	1950	1952	1955	rBV2	15767	13526	0.91%	0.061%
76	13.598	1955	1957	1964	rVB	11830	12890	0.86%	0.058%
77	13.757	1982	1984	1988	rBV4	10712	10060	0.67%	0.046%
78	13.816	1989	1994	1995	rBV4	50132	63314	4.24%	0.287%
79	13.957	2013	2018	2021	rBV	1539267	1361181	91.18%	6.162%
80	13.980	2021	2022	2027	rVB	59455	44784	3.00%	0.203%
81	14.127	2044	2047	2054	rBV2	61831	76601	5.13%	0.347%
82	14.245	2064	2067	2071	rVB2	25334	22006	1.47%	0.100%
83	14.357	2083	2086	2089	rVB	12099	10999	0.74%	0.050%
84	14.439	2097	2100	2104	rBV	67904	64560	4.32%	0.292%
85	14.480	2105	2107	2109	rBV2	9599	10308	0.69%	0.047%
86	14.527	2113	2115	2118	rBV4	7617	7835	0.52%	0.035%
87	14.751	2149	2153	2161	rBV	81660	95621	6.41%	0.433%
88	14.821	2162	2165	2168	rVV	12667	11456	0.77%	0.052%
89	14.957	2185	2188	2192	rVB2	19434	18336	1.23%	0.083%
90	15.010	2193	2197	2206	rBV	48569	92094	6.17%	0.417%
91	15.086	2206	2210	2214	rBV	102790	117949	7.90%	0.534%
92	15.310	2244	2248	2249	rBV	30442	32096	2.15%	0.145%
93	15.339	2249	2253	2262	rVV	1071346	1355938	90.83%	6.138%
94	15.433	2264	2269	2273	rVV	1124054	1348467	90.33%	6.105%
95	15.469	2273	2275	2283	rVB	98832	115131	7.71%	0.521%
96	15.904	2344	2349	2355	rBV	68997	105194	7.05%	0.476%
97	16.404	2430	2434	2443	rVB	37904	72171	4.83%	0.327%
98	16.904	2515	2519	2527	rVB	19088	35865	2.40%	0.162%
99	16.998	2531	2535	2542	rVB3	18559	38217	2.56%	0.173%
100	18.927	2854	2863	2870	rBV2	118324	321061	21.51%	1.453%

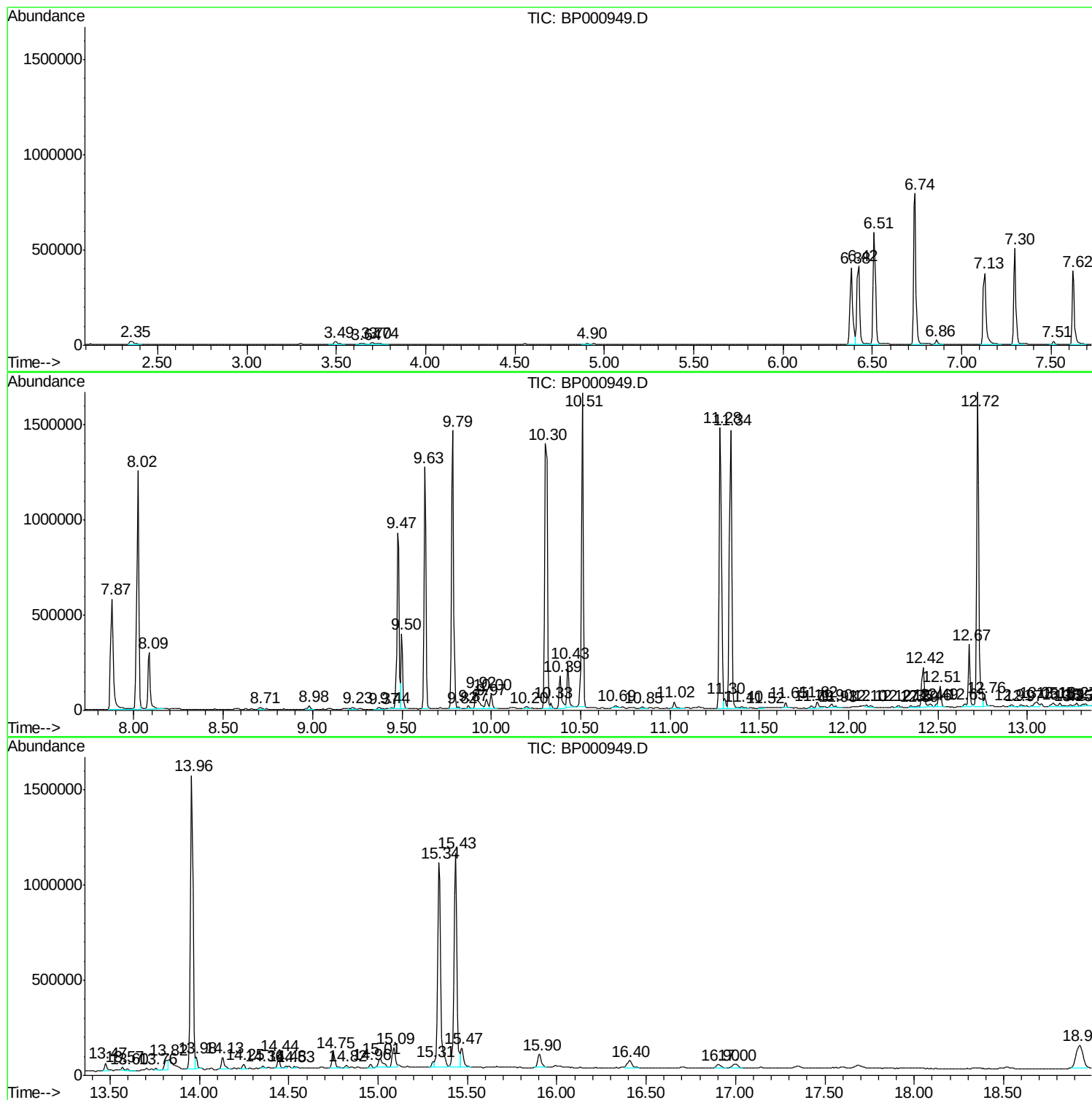
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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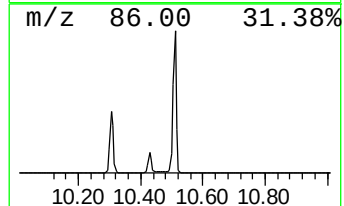
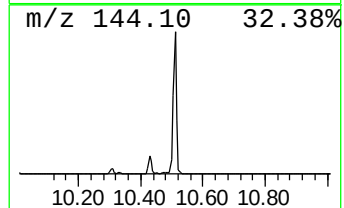
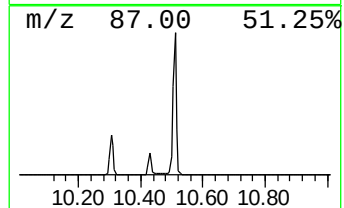
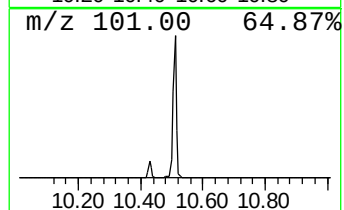
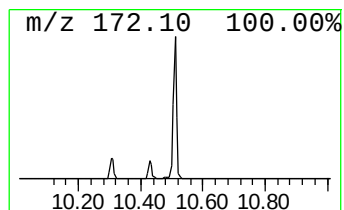
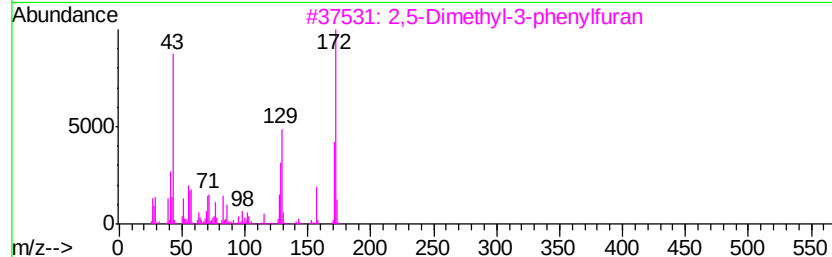
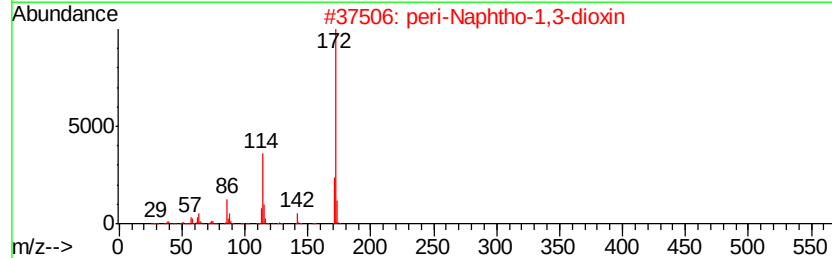
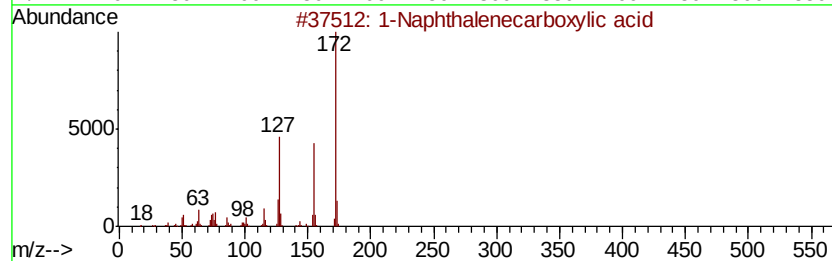
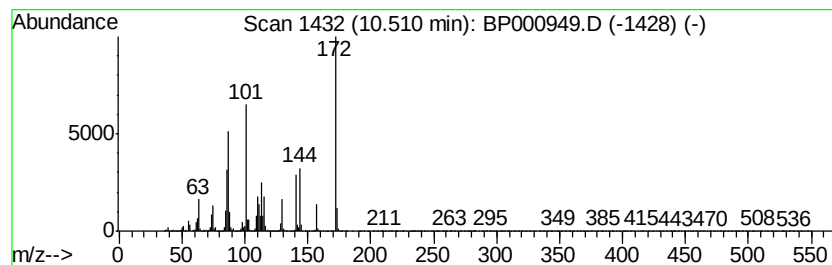
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.51	19.88 ng/ul	1213300	Acenaphthene-d10	9.79	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenecarboxylic acid	172	C11H8O2	000086-55-5	35
2	peri-Naphtho-1,3-dioxin	172	C11H8O2	000204-11-5	27
3	2,5-Dimethyl-3-phenylfuran	172	C12H12O	019842-57-0	27
4	3-n-Hexylthiolane	172	C10H20S	001613-50-9	25
5	2-Quinolinecarboxaldehyde, oxime	172	C10H8N2O	001131-68-6	22



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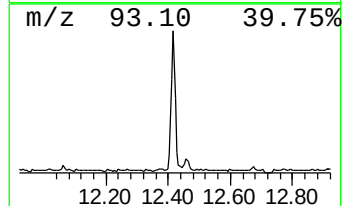
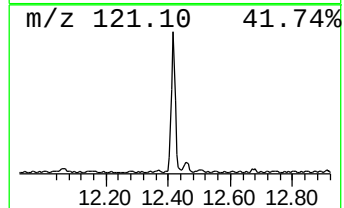
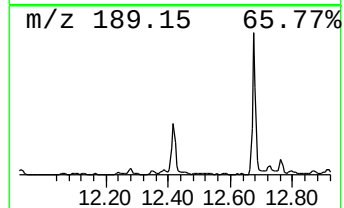
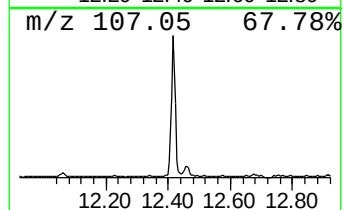
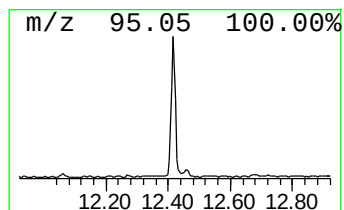
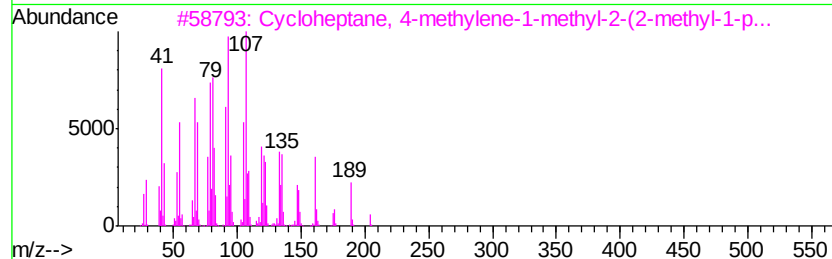
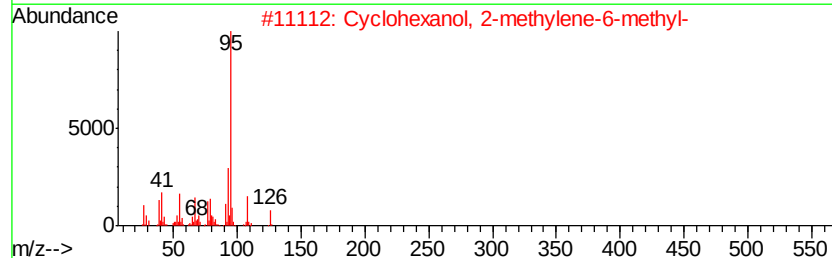
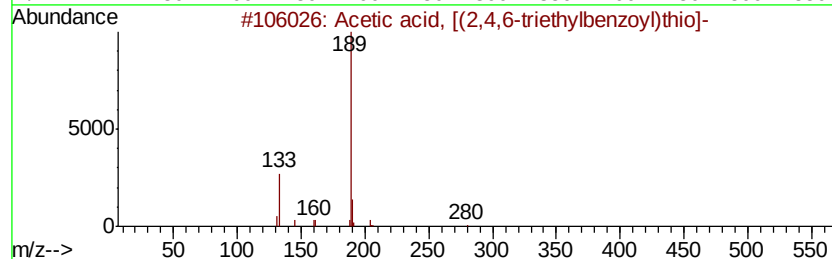
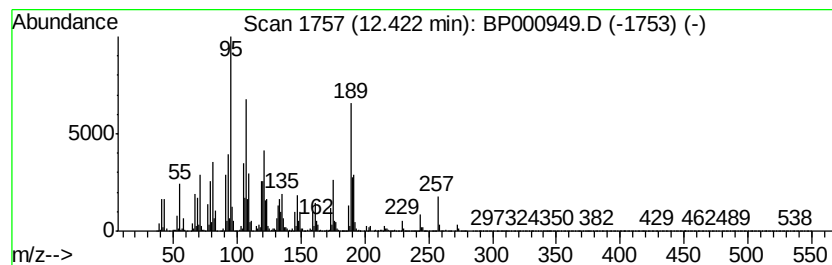
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.42	2.99 ng/ul	190882	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, [(2,4,6-triethylben...	280	C15H20O3S	067902-78-7	35	
2	Cyclohexanol, 2-methylene-6-methyl-	126	C8H14O	1000196-32-3	27	
3	Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	25	
4	1-Hydroxymethyl-2-methyl-1-cyclo...	126	C8H14O	029474-11-1	16	
5	9,9'-Biphenanthrene, octacosahydro-	382	C28H46	055334-18-4	14	



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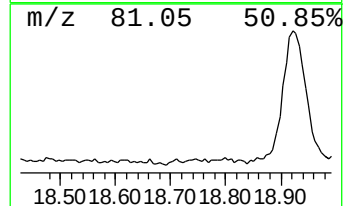
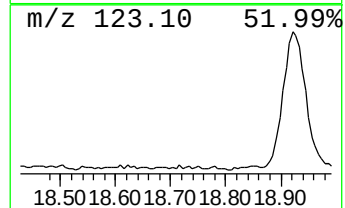
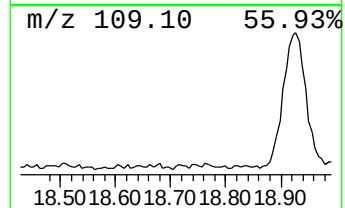
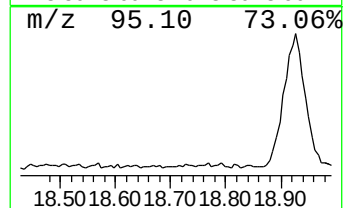
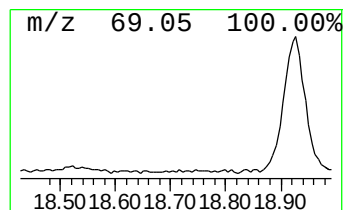
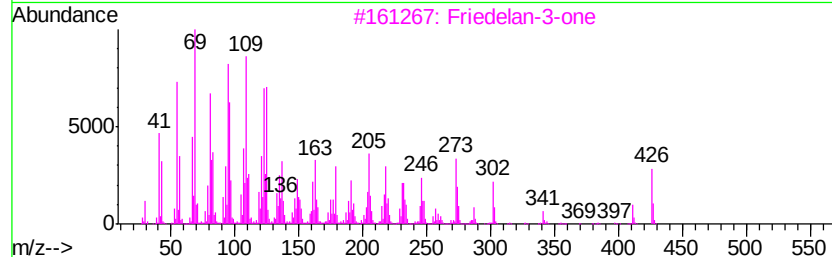
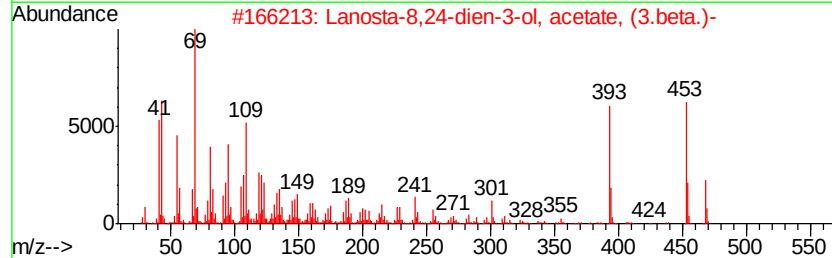
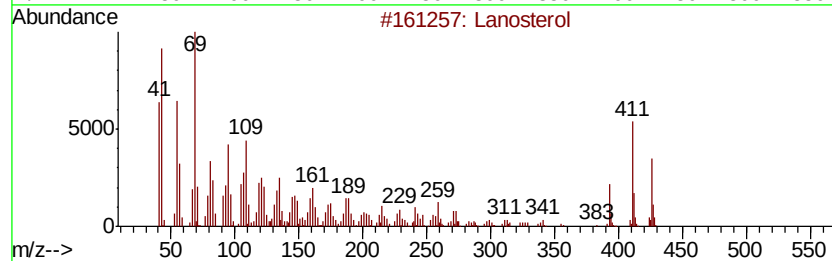
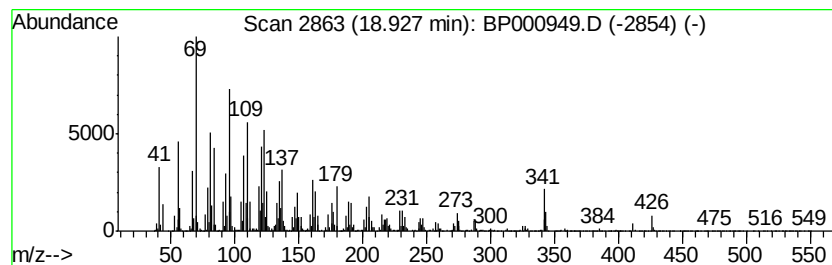
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Peak Number 3 Lanosterol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	4.76 ng/ul	321061	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Lanosterol	426 C30H500	000079-63-0	50
2	Lanosta-8,24-dien-3-ol, acetate,...	468 C32H52O2	002671-68-3	37
3	Friedelan-3-one	426 C30H500	000559-74-0	25
4	D:A-Friedoursan-3-one	426 C30H500	089950-00-5	14
5	2-(3-Hydroxy-4,4,10,13,14-pentam...	440 C30H48O2	1000194-83-3	13



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP102219\
Data File : BP000949.D
Acq On : 22 Oct 2019 18:00
Operator : JU
Sample : K5235-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEPB3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	10.51	19.9	ng/ul	1213300	3	9.79	1220570	20.0
unknown-02	12.42	3.0	ng/ul	190882	4	11.28	1277370	20.0
Lanosterol	18.93	4.8	ng/ul	321061	6	15.43	1348470	20.0