

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
 Data File : BN013544.D
 Acq On : 29 Jan 2021 18:16
 Operator : CG/JU
 Sample : M1274-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AD2

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-BN012921MA.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	3.158	8	12	17	rVB	69326	86043	0.45%	0.075%
2	6.081	503	509	517	rVB	36523	62989	0.33%	0.055%
3	6.734	612	620	630	rBV	312201	515532	2.70%	0.450%
4	6.904	642	649	662	rBV	1058590	1700443	8.92%	1.483%
5	7.093	675	681	691	rBV	1211991	1848423	9.70%	1.612%
6	7.463	741	744	749	rVB	23882	34445	0.18%	0.030%
7	7.557	751	760	767	rBV	1007995	1558273	8.17%	1.359%
8	7.928	817	823	828	rVB	112971	176570	0.93%	0.154%
9	8.199	865	869	872	rBV4	23047	33037	0.17%	0.029%
10	8.257	872	879	888	rVV	891097	1392872	7.31%	1.215%
11	8.387	891	901	906	rBV2	58670	102326	0.54%	0.089%
12	8.651	941	946	948	rBV	36163	54962	0.29%	0.048%
13	8.698	948	954	963	rVB	1300831	2055672	10.78%	1.793%
14	8.893	979	987	995	rVB7	20691	43437	0.23%	0.038%
15	8.998	995	1005	1013	rBV5	28285	64153	0.34%	0.056%
16	9.410	1068	1075	1083	rBV	1054479	1655622	8.69%	1.444%
17	9.528	1089	1095	1099	rVB2	22039	36275	0.19%	0.032%
18	9.581	1099	1104	1108	rBV	45536	77075	0.40%	0.067%
19	9.945	1159	1166	1175	rBV	1641664	2639727	13.85%	2.302%
20	10.245	1213	1217	1221	rVV	17152	26033	0.14%	0.023%
21	10.322	1221	1230	1236	rVV	1386515	2334933	12.25%	2.036%
22	10.381	1236	1240	1245	rVV4	33652	61261	0.32%	0.053%
23	10.445	1245	1251	1254	rVV3	96416	209198	1.10%	0.182%
24	10.487	1254	1258	1267	rVB	138275	253336	1.33%	0.221%
25	10.898	1318	1328	1336	rBV3	29925	69535	0.36%	0.061%
26	11.422	1412	1417	1424	rVB2	72406	132371	0.69%	0.115%
27	11.640	1446	1454	1460	rVB2	11868	30908	0.16%	0.027%
28	11.822	1480	1485	1489	rVB7	22355	38656	0.20%	0.034%
29	11.881	1489	1495	1499	rBV	124473	206913	1.09%	0.180%
30	11.957	1505	1508	1517	rVB9	13119	29605	0.16%	0.026%
31	12.051	1517	1524	1528	rBV6	19757	35848	0.19%	0.031%
32	12.187	1542	1547	1549	rBV2	25378	38395	0.20%	0.033%
33	12.204	1549	1550	1555	rVB4	29941	33572	0.18%	0.029%
34	12.522	1600	1604	1609	rVB7	15058	25596	0.13%	0.022%

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35	12.604	1609	1618	1627	rBV8	33766	95271	0.50%	0.083%
36	12.675	1627	1630	1636	rVV7	13801	26977	0.14%	0.024%
37	12.757	1638	1644	1649	rVV8	13594	30059	0.16%	0.026%
38	12.887	1661	1666	1674	rVB	233024	355500	1.86%	0.310%
39	13.022	1683	1689	1698	rBV	206022	329522	1.73%	0.287%
40	13.151	1706	1711	1715	rBV3	40718	70083	0.37%	0.061%
41	13.198	1715	1719	1724	rVV	157032	230089	1.21%	0.201%
42	13.322	1735	1740	1744	rBV3	54936	88063	0.46%	0.077%
43	13.492	1763	1769	1771	rBV7	14952	31426	0.16%	0.027%
44	13.610	1782	1789	1794	rBV	3593178	4712540	24.72%	4.110%
45	13.657	1794	1797	1802	rVB	160449	205709	1.08%	0.179%
46	13.881	1828	1835	1846	rBV	3961783	5696308	29.88%	4.968%
47	14.016	1853	1858	1863	rVV7	21015	39999	0.21%	0.035%
48	14.151	1877	1881	1882	rVV2	23710	27761	0.15%	0.024%
49	14.192	1882	1888	1899	rVV	2131531	3104137	16.28%	2.707%
50	14.286	1899	1904	1910	rVB	55559	79923	0.42%	0.070%
51	14.392	1911	1922	1933	rVV	314841	554311	2.91%	0.483%
52	14.592	1952	1956	1966	rVB	99490	154652	0.81%	0.135%
53	14.739	1974	1981	1984	rBV4	127491	200691	1.05%	0.175%
54	14.781	1984	1988	1991	rVV3	62349	109945	0.58%	0.096%
55	14.822	1991	1995	2004	rVB2	251289	401511	2.11%	0.350%
56	14.945	2011	2016	2020	rBV5	34645	53286	0.28%	0.046%
57	15.022	2025	2029	2036	rVB9	23248	36335	0.19%	0.032%
58	15.092	2036	2041	2042	rBV4	15694	29711	0.16%	0.026%
59	15.192	2051	2058	2063	rBV	5053072	7020520	36.83%	6.123%
60	15.245	2063	2067	2072	rVB	287031	389032	2.04%	0.339%
61	15.328	2072	2081	2092	rBV	5832135	10067314	52.81%	8.780%
62	15.545	2113	2118	2121	rBV2	89054	129182	0.68%	0.113%
63	15.780	2152	2158	2161	rBV3	40126	72891	0.38%	0.064%
64	15.886	2170	2176	2180	rVB8	20503	39359	0.21%	0.034%
65	15.939	2180	2185	2188	rBV7	20950	35904	0.19%	0.031%
66	15.980	2188	2192	2196	rVB6	20843	31374	0.16%	0.027%
67	16.063	2203	2206	2212	rVB8	19785	35837	0.19%	0.031%
68	16.233	2231	2235	2242	rVV2	98517	220385	1.16%	0.192%
69	16.298	2242	2246	2250	rVV	121837	170488	0.89%	0.149%
70	16.345	2250	2254	2260	rVV6	29895	76313	0.40%	0.067%
71	16.404	2260	2264	2269	rVB2	66422	102111	0.54%	0.089%

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72	16.457	2269	2273	2279	rBV5	20721	48203	0.25%	0.042%
73	16.598	2290	2297	2312	rBV	13195660	19062410	100.00%	16.626%
74	16.716	2314	2317	2321	rVV5	90430	173065	0.91%	0.151%
75	16.763	2321	2325	2331	rVV	109734	180117	0.94%	0.157%
76	16.822	2331	2335	2341	rVB	63485	106496	0.56%	0.093%
77	16.945	2350	2356	2366	rVB	2402995	3440795	18.05%	3.001%
78	17.045	2366	2373	2381	rBV	5488840	7983288	41.88%	6.963%
79	17.145	2385	2390	2393	rBV	76109	115273	0.60%	0.101%
80	17.569	2460	2462	2466	rVB5	27622	29621	0.16%	0.026%
81	17.863	2507	2512	2520	rBV	456643	684487	3.59%	0.597%
82	17.933	2521	2524	2529	rVV7	49013	76642	0.40%	0.067%
83	17.998	2532	2535	2541	rVB5	41246	85525	0.45%	0.075%
84	18.974	2698	2701	2705	rBV	63323	80492	0.42%	0.070%
85	19.157	2728	2732	2738	rBV	229385	354871	1.86%	0.310%
86	19.227	2741	2744	2753	rVB	68696	121382	0.64%	0.106%
87	19.345	2758	2764	2775	rVV2	6706531	9241786	48.48%	8.060%
88	20.886	3021	3026	3032	rBV	416833	729017	3.82%	0.636%
89	20.939	3032	3035	3044	rVB	182419	274721	1.44%	0.240%
90	21.145	3064	3070	3076	rBV	3176994	3916743	20.55%	3.416%
91	21.327	3098	3101	3107	rBV2	42288	58090	0.30%	0.051%
92	21.751	3170	3173	3176	rBV2	53612	66762	0.35%	0.058%
93	22.192	3246	3248	3252	rVB2	107499	134354	0.70%	0.117%
94	22.321	3266	3270	3274	rVB	99601	130965	0.69%	0.114%
95	22.686	3329	3332	3337	rVB	137410	184893	0.97%	0.161%
96	23.174	3408	3415	3422	rBV	5421527	9742863	51.11%	8.497%
97	23.233	3422	3425	3431	rVV2	214950	317875	1.67%	0.277%
98	23.309	3431	3438	3452	rVB2	2191509	4073615	21.37%	3.553%
99	23.851	3526	3530	3536	rBV	163144	267395	1.40%	0.233%
100	24.568	3648	3652	3661	rVB	129396	255853	1.34%	0.223%

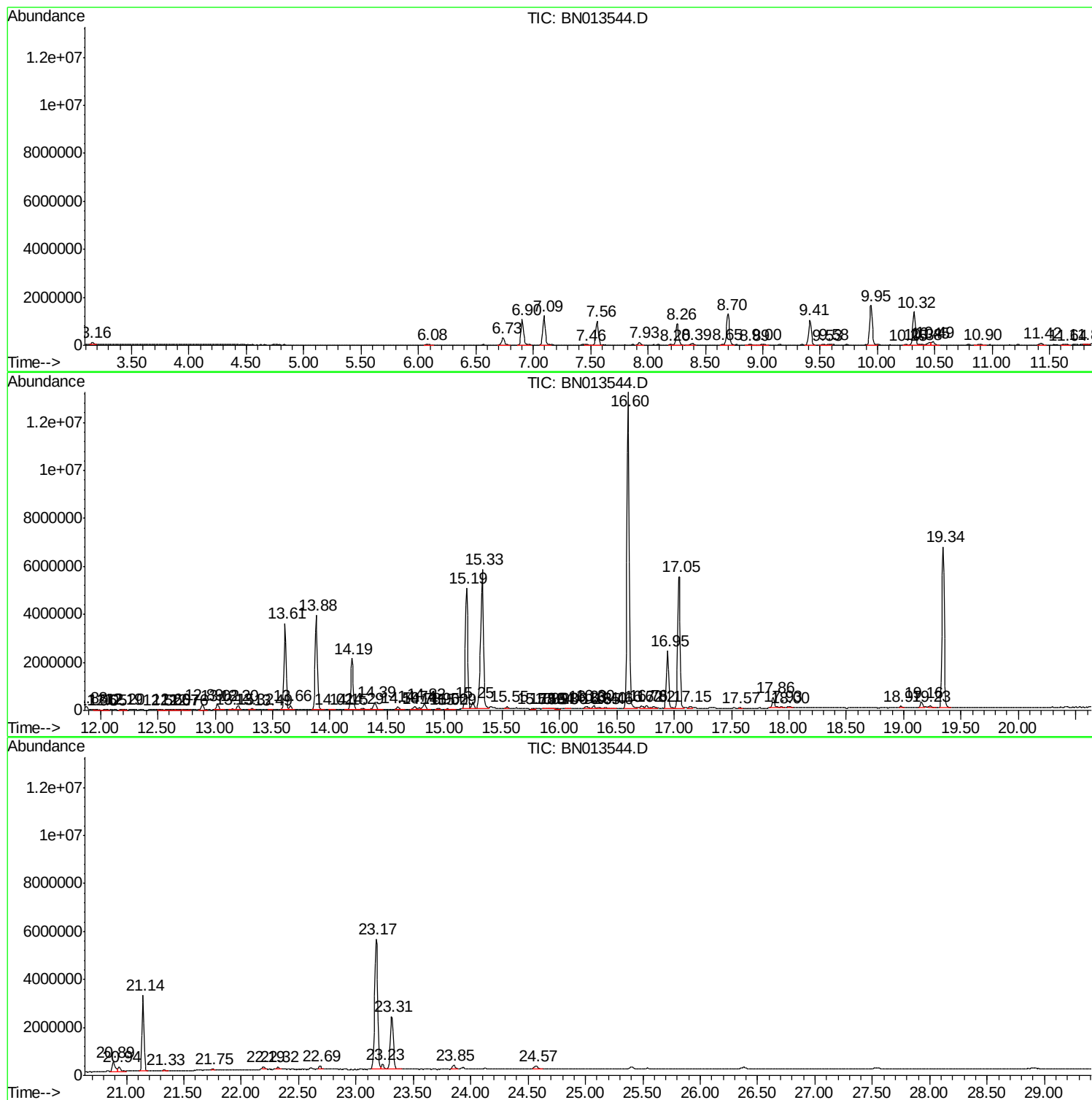
Sum of corrected areas: 114656154

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

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



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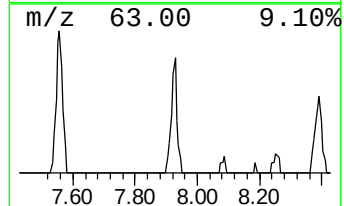
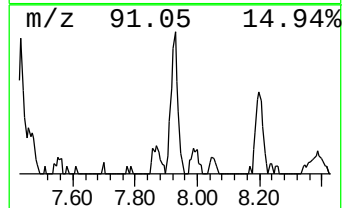
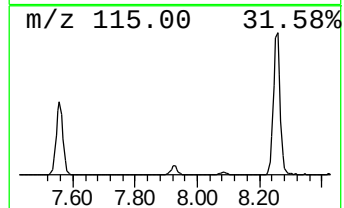
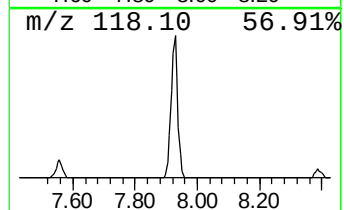
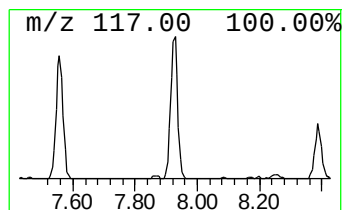
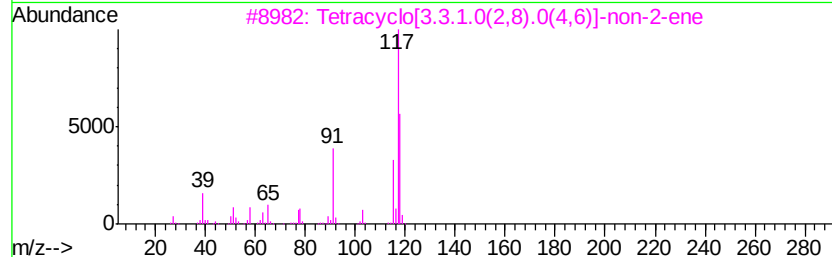
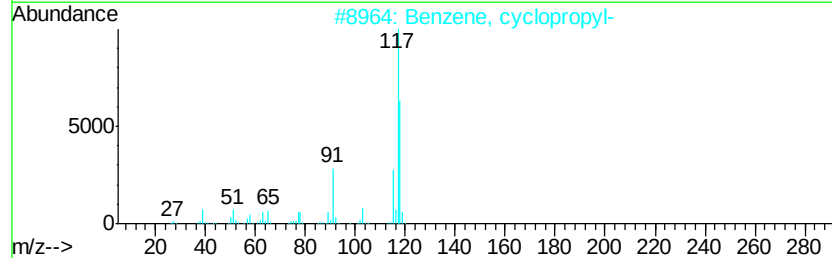
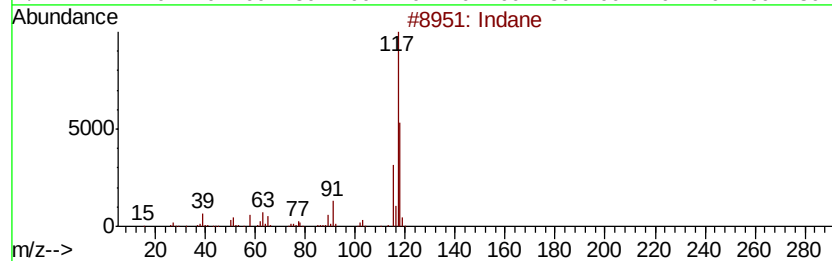
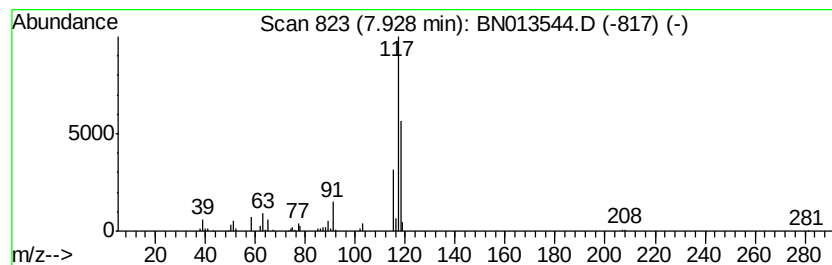
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.93	2.27 ng/ul	176570	1,4-Dichlorobenzene-d4	7.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-		118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	72
4	Benzene, 1-propenyl-		118	C9H10	000637-50-3	68
5	Indane		118	C9H10	000496-11-7	64



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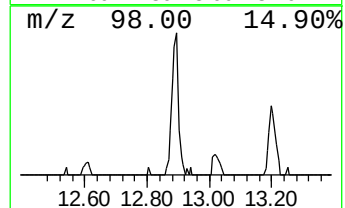
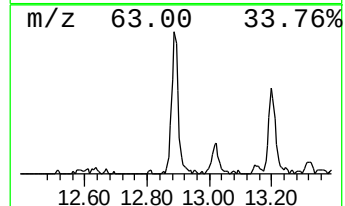
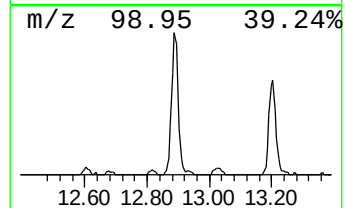
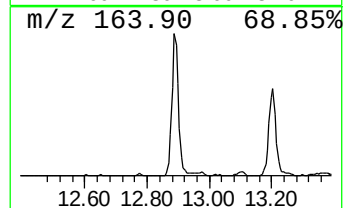
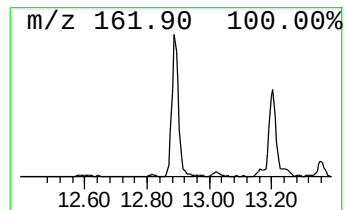
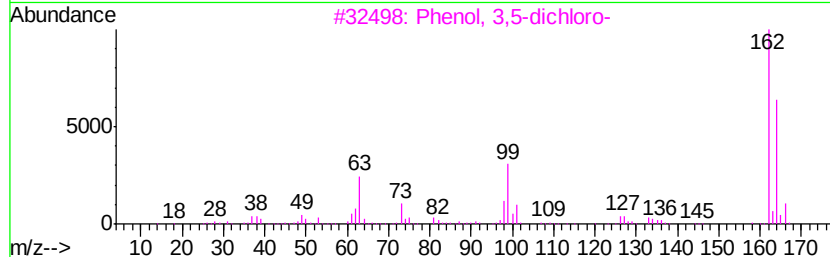
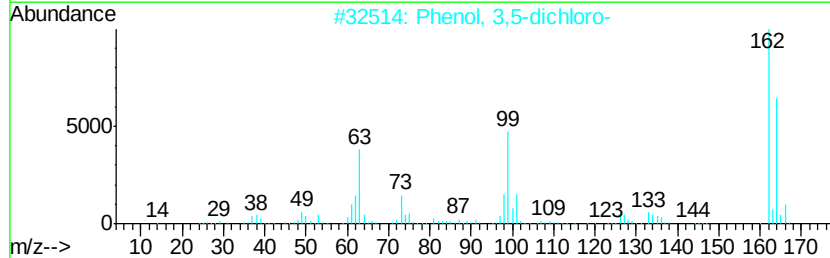
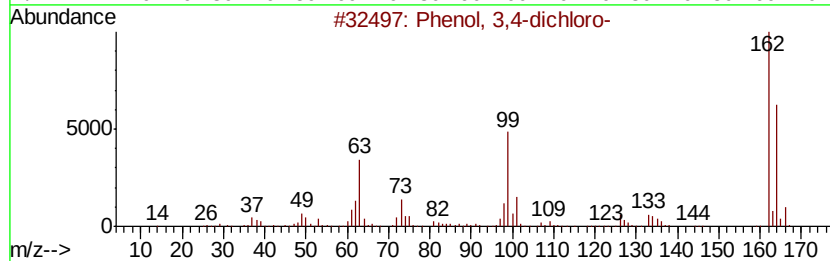
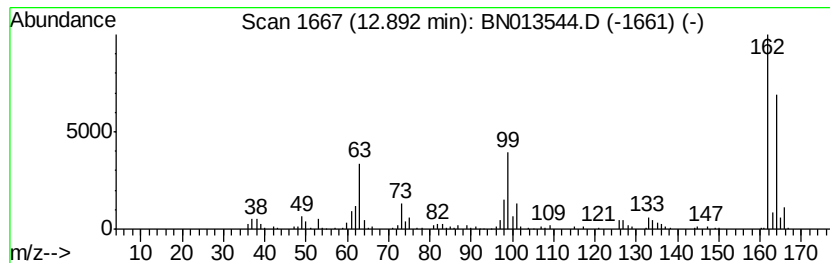
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenol, 3,4-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	2.29 ng/ul	355500	Acenaphthene-d10	14.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2 98
2	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5 98
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5 98
4	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2 97
5	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2 97



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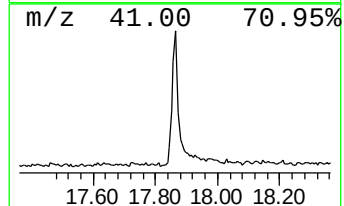
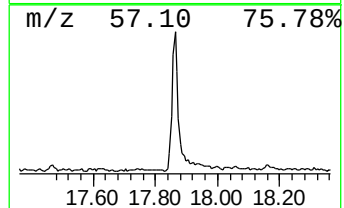
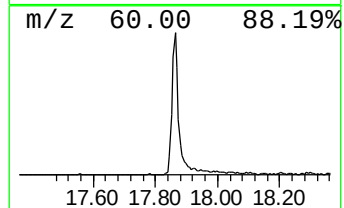
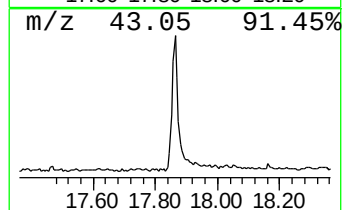
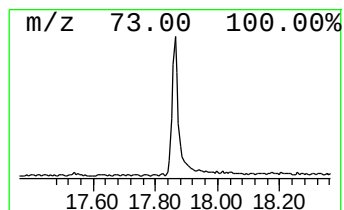
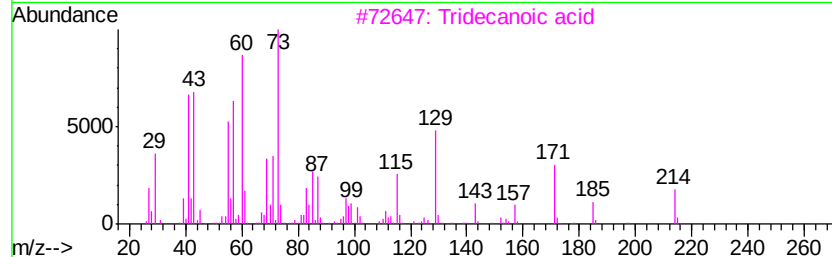
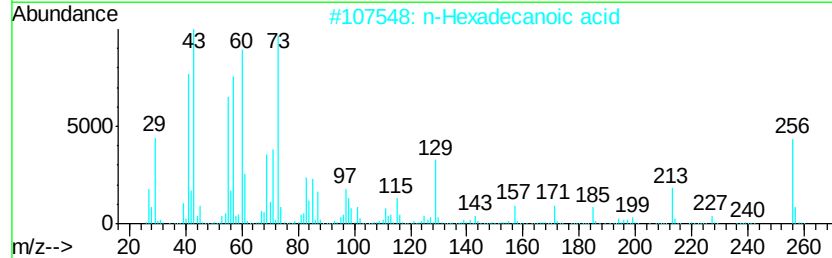
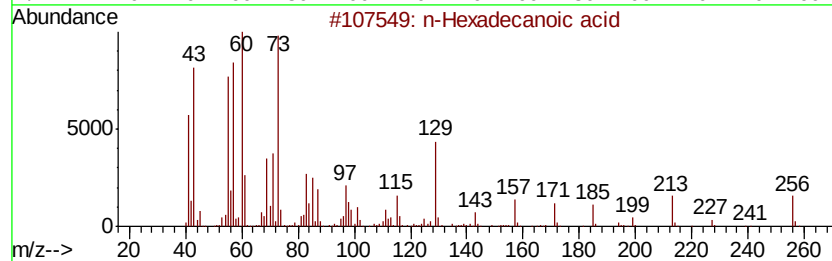
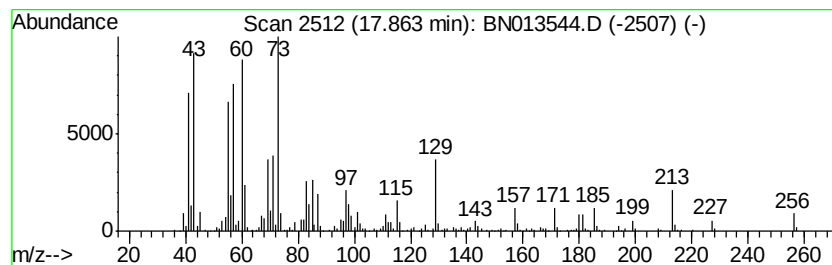
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.98 ng/ul	684487	Phenanthrene-d10	16.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	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	n-Hexadecanoic acid	256 C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242 C15H30O2	001002-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012921\
Data File : BN013544.D
Acq On : 29 Jan 2021 18:16
Operator : CG/JU
Sample : M1274-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

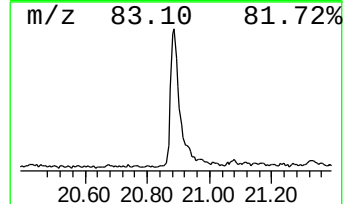
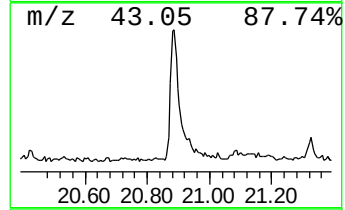
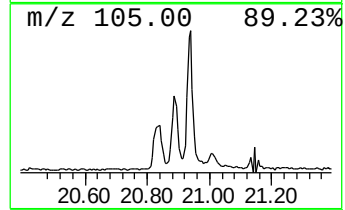
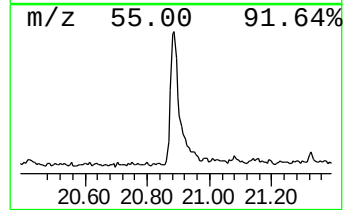
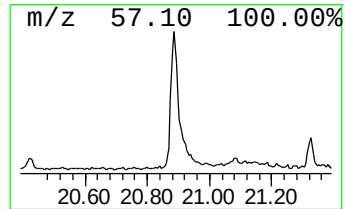
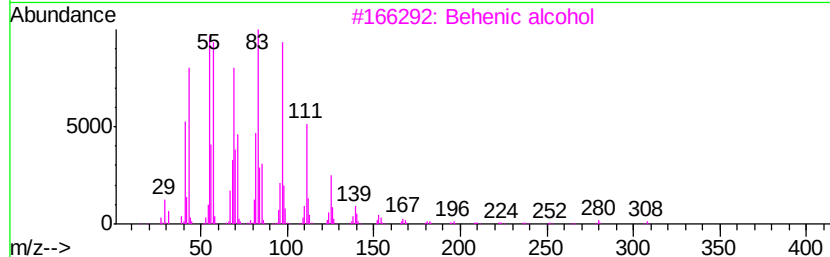
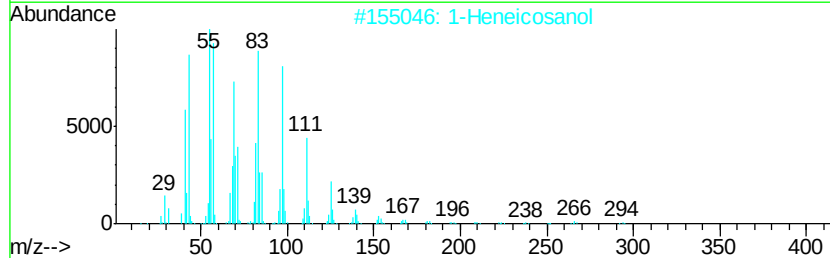
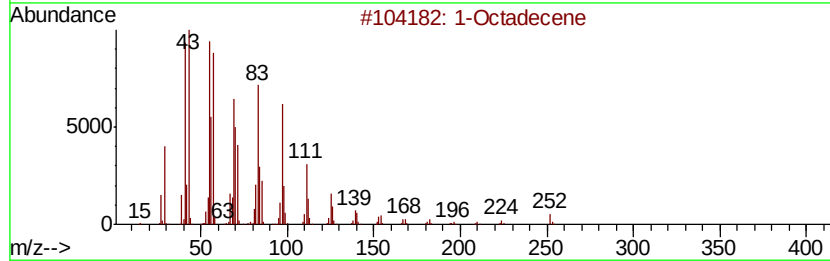
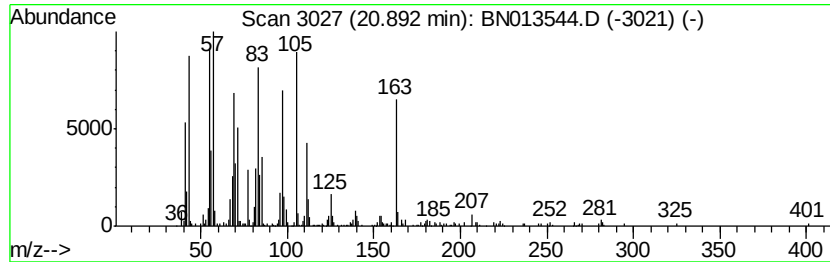
Instrument :
BNA_N
ClientSampleId :
C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.89	3.72 ng/ul	729017	Chrysene-d12		21.14	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecene	252	C18H36	000112-88-9	95
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	92
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012921\
Data File : BN013544.D
Acq On : 29 Jan 2021 18:16
Operator : CG/JU
Sample : M1274-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.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
Indane	7.93	2.3	ng/ul	176570	1	7.56	1558270	20.0
Phenol, 3,4-dichl...	12.89	2.3	ng/ul	355500	3	14.19	3104140	20.0
n-Hexadecanoic acid	17.86	4.0	ng/ul	684487	4	16.95	3440800	20.0
(DEL) Alkane: Str...	20.89	3.7	ng/ul	729017	5	21.14	3916740	20.0