

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
 Data File : BN010405.D
 Acq On : 03 Apr 2020 10:40
 Operator : CG/JU
 Sample : L2065-11DL2 200X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF07DL2

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-BN040120MA.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	2.893	15	18	25	rBV3	26275	50695	0.39%	0.087%
2	2.969	28	31	36	rVB4	15282	22593	0.17%	0.039%
3	3.910	188	191	198	rBV	18510	30913	0.24%	0.053%
4	5.181	404	407	413	rVB4	10984	17201	0.13%	0.030%
5	5.310	425	429	432	rBV3	15138	22956	0.18%	0.039%
6	6.334	598	603	610	rBV	57703	89169	0.68%	0.153%
7	6.628	648	653	657	rVB6	11925	19468	0.15%	0.033%
8	6.722	663	669	674	rBV	23172	34260	0.26%	0.059%
9	6.857	688	692	697	rVB	25839	36594	0.28%	0.063%
10	7.069	722	728	734	rVB5	18017	30512	0.23%	0.052%
11	7.275	757	763	769	rBV2	65357	104663	0.80%	0.180%
12	7.334	769	773	781	rVB3	35528	64504	0.49%	0.111%
13	7.610	813	820	828	rBV	1221041	1932717	14.77%	3.319%
14	7.757	836	845	849	rBV2	58507	109033	0.83%	0.187%
15	7.840	855	859	866	rVB5	24120	40351	0.31%	0.069%
16	7.981	877	883	890	rVB	163849	256247	1.96%	0.440%
17	8.140	902	910	917	rVB	397762	638421	4.88%	1.096%
18	8.739	1009	1012	1016	rVV4	12574	19700	0.15%	0.034%
19	8.787	1016	1020	1024	rVV3	12605	19344	0.15%	0.033%
20	8.839	1024	1029	1034	rVB	38523	58285	0.45%	0.100%
21	8.951	1043	1048	1054	rVB4	23835	41253	0.32%	0.071%
22	9.069	1061	1068	1074	rBV2	47584	94981	0.73%	0.163%
23	9.128	1074	1078	1083	rVB4	15638	23164	0.18%	0.040%
24	9.228	1090	1095	1099	rBV4	8270	13463	0.10%	0.023%
25	9.639	1160	1165	1171	rVB5	16025	28747	0.22%	0.049%
26	9.751	1171	1184	1187	rBV	77959	152201	1.16%	0.261%
27	9.792	1187	1191	1201	rVB7	93943	215579	1.65%	0.370%
28	9.881	1201	1206	1208	rBV2	29169	44718	0.34%	0.077%
29	9.922	1210	1213	1217	rVB6	17116	27526	0.21%	0.047%
30	10.245	1260	1268	1272	rBV8	9796	24199	0.18%	0.042%
31	10.369	1281	1289	1292	rBV	1831824	2923948	22.35%	5.022%
32	10.416	1292	1297	1310	rVV	7560713	13081961	100.00%	22.467%
33	10.534	1311	1317	1327	rVB	195898	345775	2.64%	0.594%
34	11.198	1423	1430	1437	rBV	72277	119434	0.91%	0.205%

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35	11.922	1549	1553	1558	rVB	23567	40794	0.31%	0.070%
36	12.033	1566	1572	1581	rBV	1154113	1769600	13.53%	3.039%
37	12.151	1587	1592	1599	rVB2	33408	55646	0.43%	0.096%
38	12.257	1599	1610	1618	rBV	533726	878488	6.72%	1.509%
39	12.692	1677	1684	1690	rBV8	6871	14562	0.11%	0.025%
40	13.063	1741	1747	1754	rVB	186330	264602	2.02%	0.454%
41	13.263	1776	1781	1790	rVB2	33887	63410	0.48%	0.109%
42	13.398	1799	1804	1813	rVB5	36713	97852	0.75%	0.168%
43	13.551	1824	1830	1835	rBV2	57196	98040	0.75%	0.168%
44	13.610	1835	1840	1844	rVV2	35479	60841	0.47%	0.104%
45	13.651	1844	1847	1851	rVB2	24638	32789	0.25%	0.056%
46	13.792	1865	1871	1874	rBV3	23613	32700	0.25%	0.056%
47	13.922	1885	1893	1896	rBV2	24391	42322	0.32%	0.073%
48	13.957	1896	1899	1905	rVB4	18409	27116	0.21%	0.047%
49	14.233	1939	1946	1952	rBV	3143024	4565913	34.90%	7.842%
50	14.298	1952	1957	1962	rVV	827043	1185927	9.07%	2.037%
51	14.363	1962	1968	1975	rVB	133592	220917	1.69%	0.379%
52	14.545	1995	1999	2005	rVB3	14679	29679	0.23%	0.051%
53	14.633	2008	2014	2022	rBV2	420079	671143	5.13%	1.153%
54	14.722	2025	2029	2034	rVB6	11766	17295	0.13%	0.030%
55	15.227	2111	2115	2120	rBV	43273	57826	0.44%	0.099%
56	15.286	2120	2125	2134	rVB2	340485	481047	3.68%	0.826%
57	15.451	2150	2153	2158	rVB4	18179	25506	0.19%	0.044%
58	15.533	2165	2167	2171	rVV5	10724	14304	0.11%	0.025%
59	15.586	2171	2176	2180	rVB2	17721	25272	0.19%	0.043%
60	15.727	2196	2200	2203	rBV4	21761	29905	0.23%	0.051%
61	15.957	2235	2239	2247	rVB	38167	54870	0.42%	0.094%
62	16.080	2256	2260	2263	rBV5	12687	19572	0.15%	0.034%
63	16.768	2372	2377	2379	rBV3	18609	26006	0.20%	0.045%
64	16.798	2379	2382	2388	rVB	28569	35446	0.27%	0.061%
65	16.980	2406	2413	2417	rBV	4267815	5886899	45.00%	10.110%
66	17.021	2417	2420	2425	rVV	413046	533058	4.07%	0.915%
67	17.080	2425	2430	2434	rVV	76995	112059	0.86%	0.192%
68	17.380	2473	2481	2491	rBV	363890	525839	4.02%	0.903%
69	17.480	2493	2498	2503	rBV7	12757	24758	0.19%	0.043%
70	17.898	2565	2569	2579	rBV6	37751	65932	0.50%	0.113%
71	17.968	2579	2581	2588	rVB7	10104	17945	0.14%	0.031%

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72	18.157	2610	2613	2616	rVV4	9980	15380	0.12%	0.026%
73	18.204	2618	2621	2624	rVB5	11911	15059	0.12%	0.026%
74	18.357	2645	2647	2652	rVB4	13086	16121	0.12%	0.028%
75	19.045	2760	2764	2768	rBV	37003	51794	0.40%	0.089%
76	19.380	2816	2821	2823	rBV2	65096	83753	0.64%	0.144%
77	21.180	3122	3127	3136	rVB	6224004	7684798	58.74%	13.198%
78	22.251	3306	3309	3313	rVB2	223173	236325	1.81%	0.406%
79	22.745	3390	3393	3399	rVB2	354553	492721	3.77%	0.846%
80	23.292	3482	3486	3490	rBV	533831	735659	5.62%	1.263%
81	23.351	3490	3496	3505	rVB	4457884	8182976	62.55%	14.054%
82	23.915	3587	3592	3598	rVB2	501940	916174	7.00%	1.573%
83	24.627	3708	3713	3722	rVB2	474607	955892	7.31%	1.642%

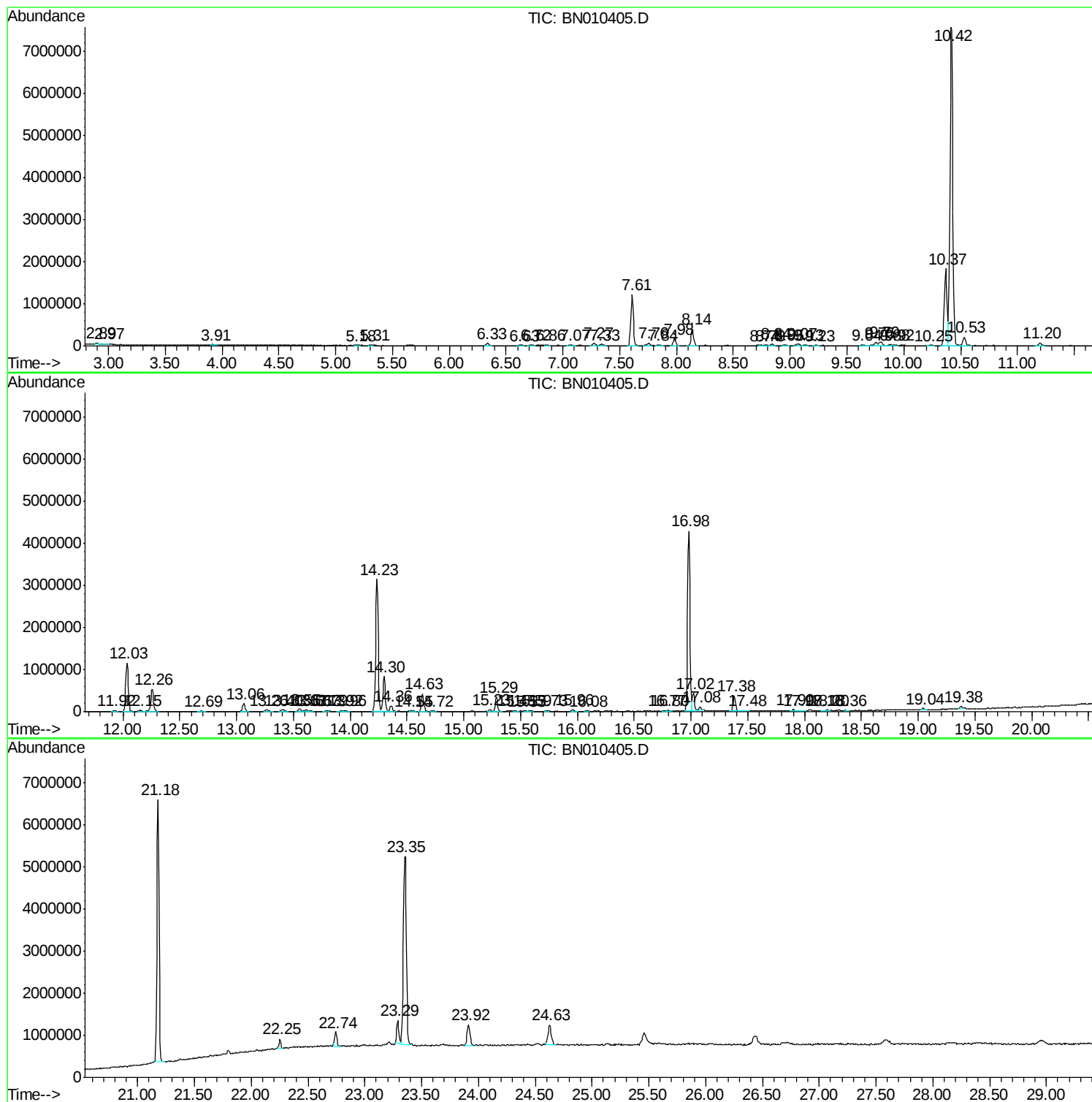
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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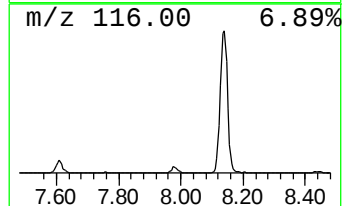
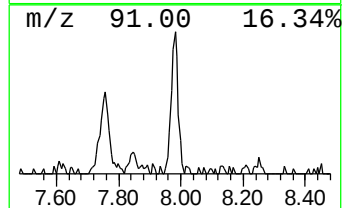
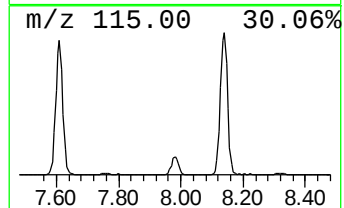
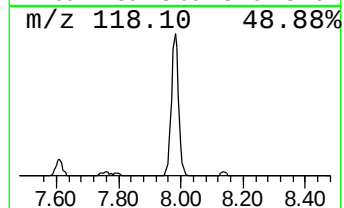
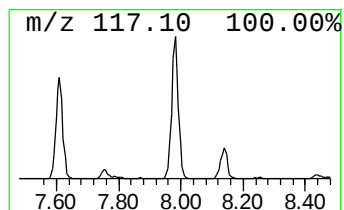
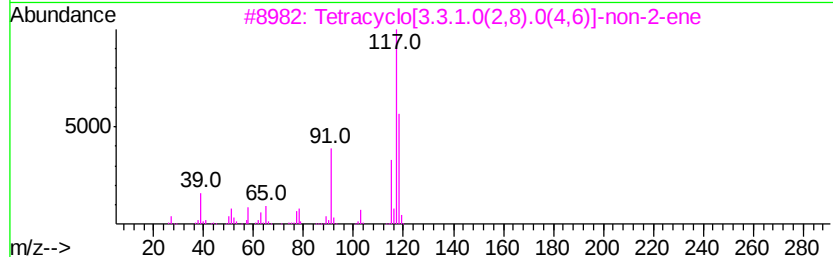
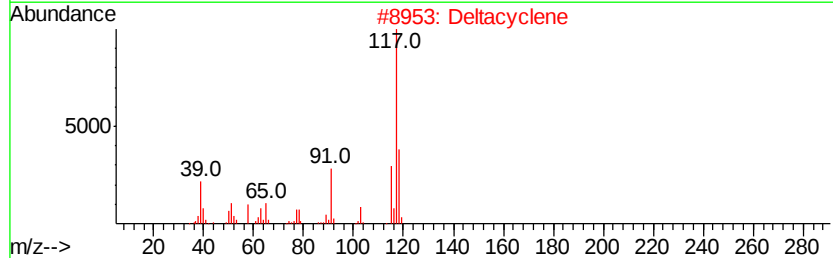
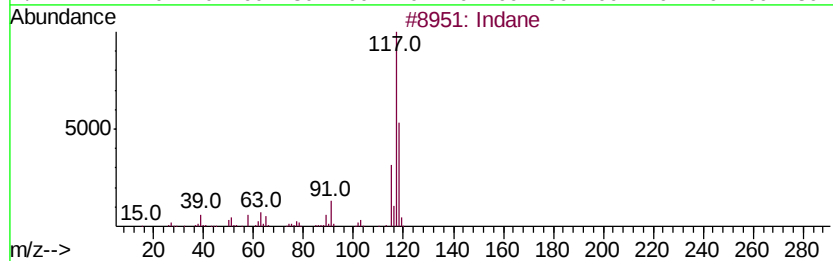
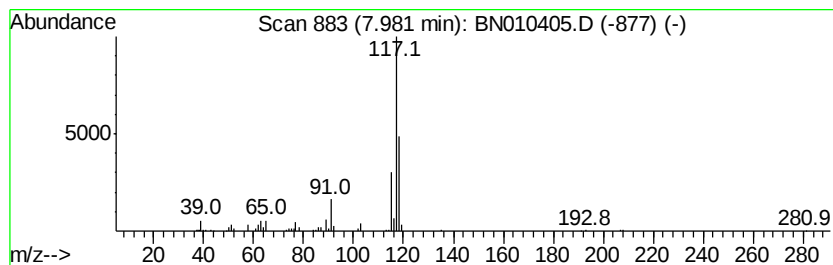
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	2.65 ng/ul	256247	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	74
2		Deltacyclene	118	C9H10	007785-10-6	74
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	74
4		Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5		Benzene, cyclopropyl-	118	C9H10	000873-49-4	59



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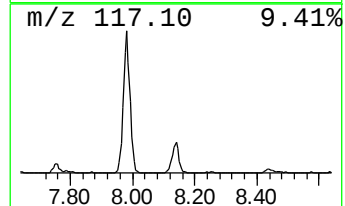
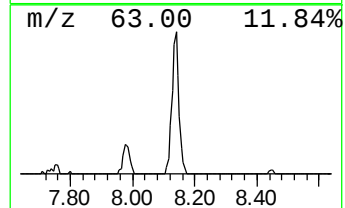
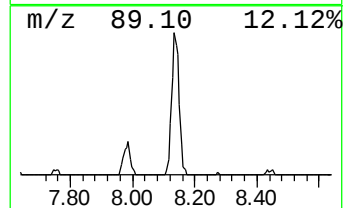
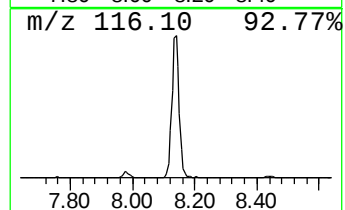
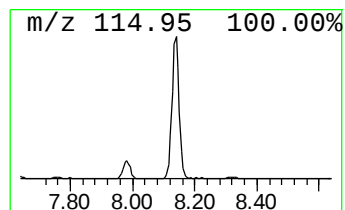
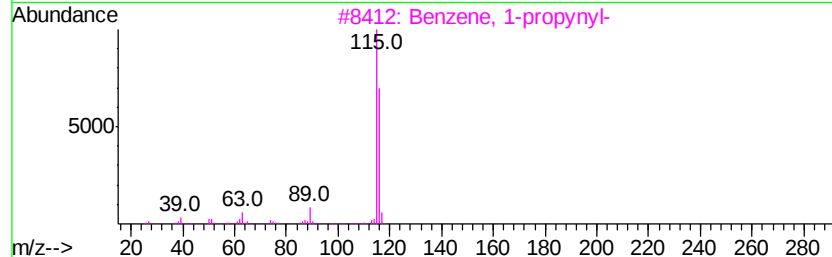
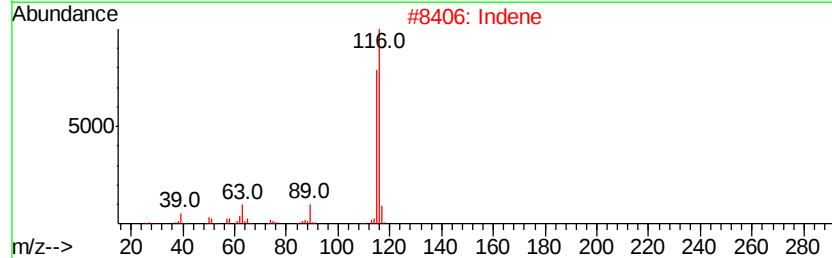
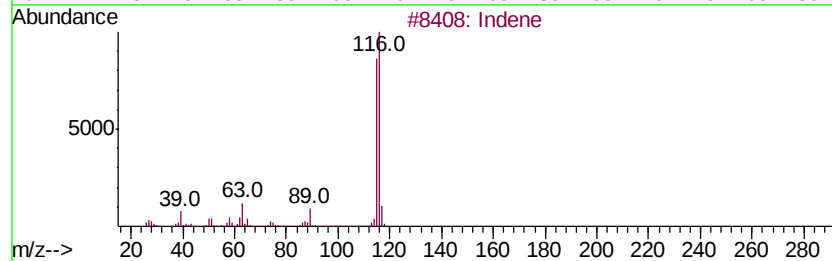
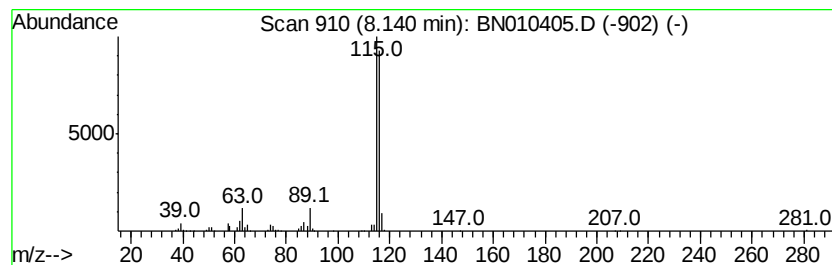
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	6.61 ng/ul	638421	1,4-Dichlorobenzene-d4	7.61

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	95
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	91



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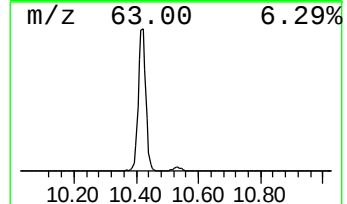
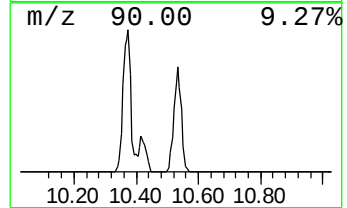
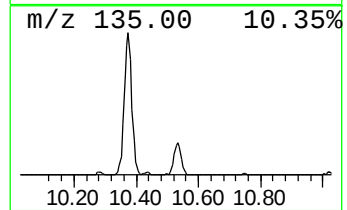
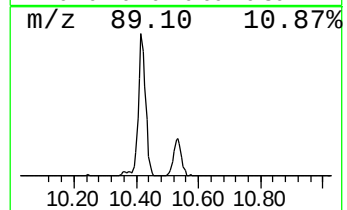
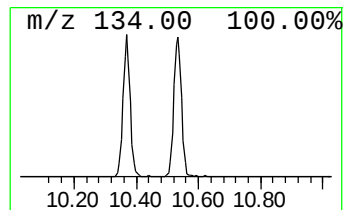
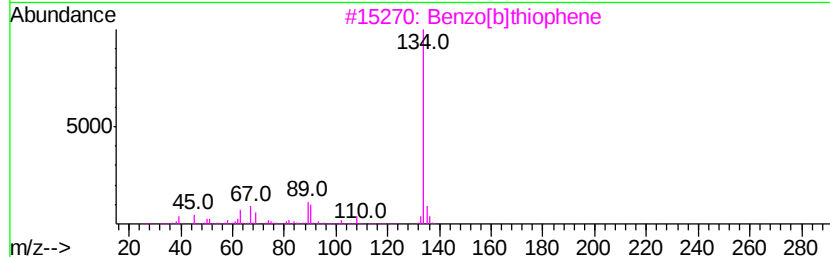
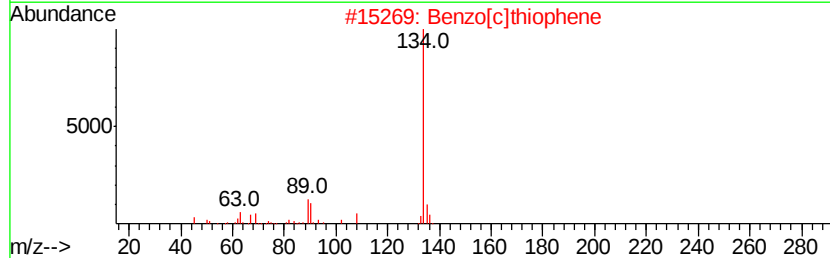
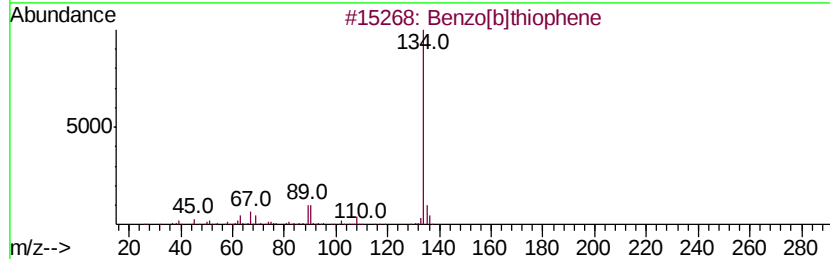
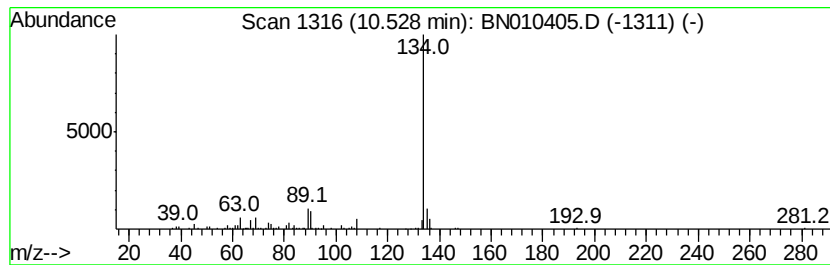
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzo[b]thiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	2.37 ng/ul	345775	Naphthalene-d8	10.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene	134	C8H6S	000095-15-8	95
2			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	91
5			Benzo[b]thiophene	134	C8H6S	000095-15-8	90



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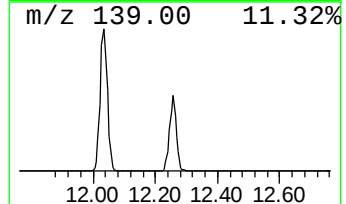
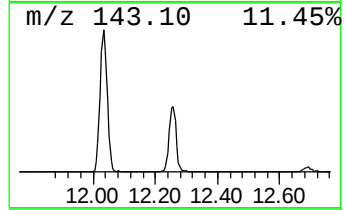
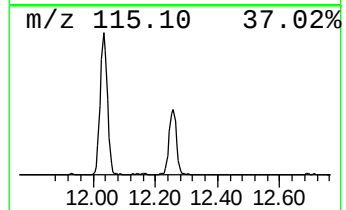
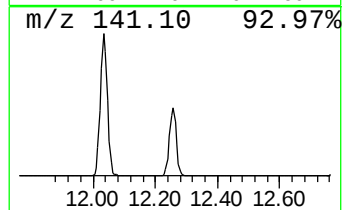
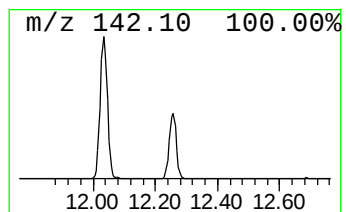
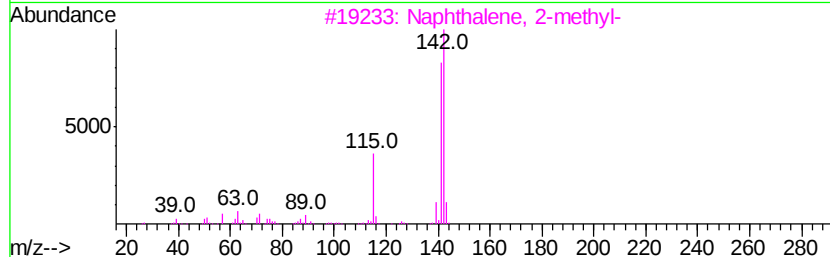
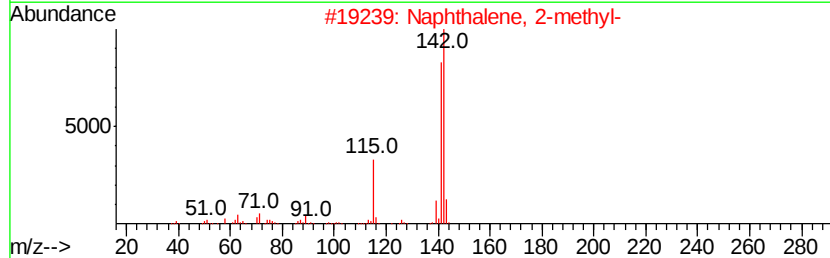
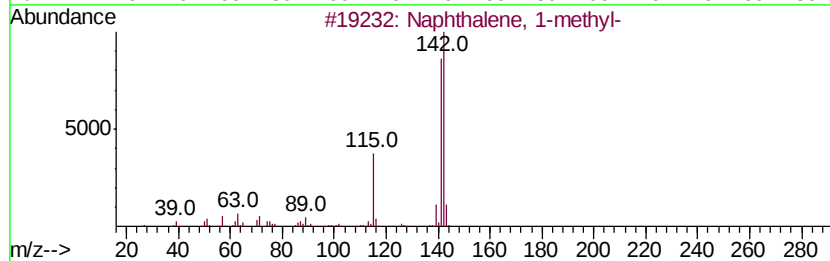
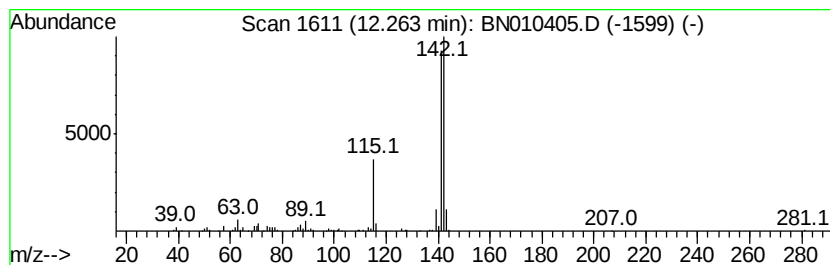
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	6.01 ng/ul	878488	Naphthalene-d8	10.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010405.D
Acq On : 03 Apr 2020 10:40
Operator : CG/JU
Sample : L2065-11DL2 200X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBF07DL2

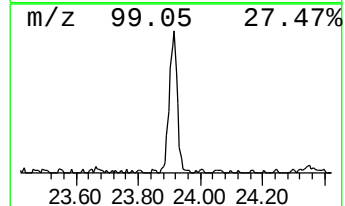
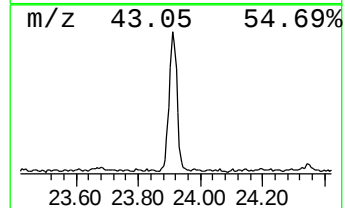
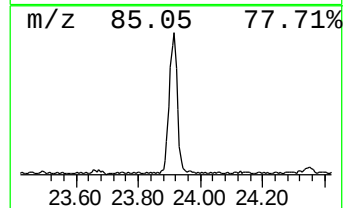
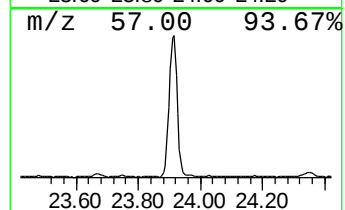
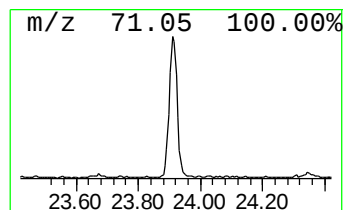
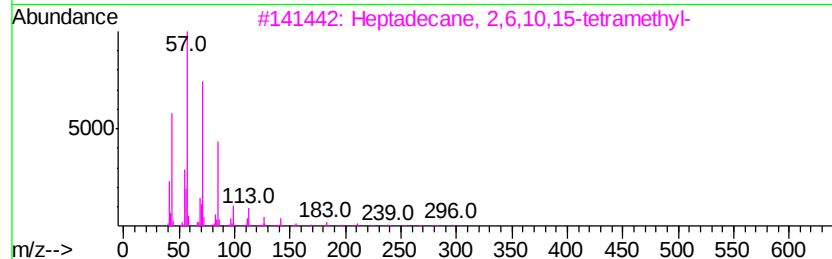
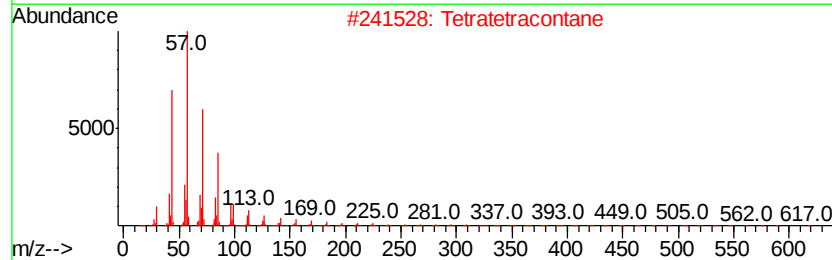
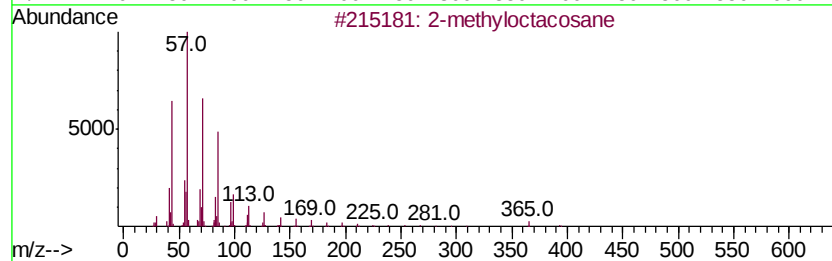
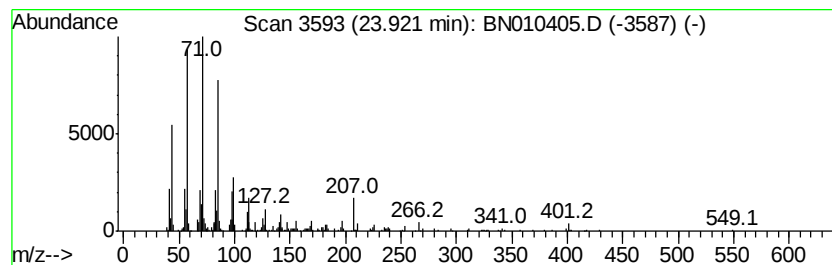
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.24 ng/ul	916174	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Tetratetracontane	619	C44H90	007098-22-8	90
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4		Docosane, 11-decyl-	451	C32H66	055401-55-3	86
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040320\
Data File : BN010405.D
Acq On : 03 Apr 2020 10:40
Operator : CG/JU
Sample : L2065-11DL2 200X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBF07DL2

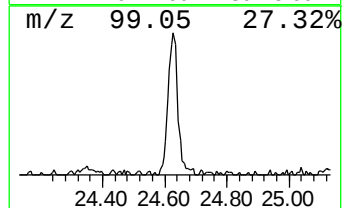
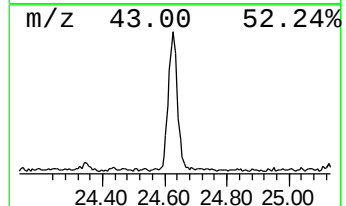
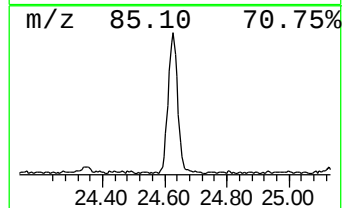
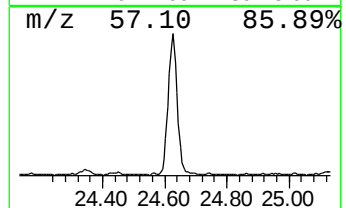
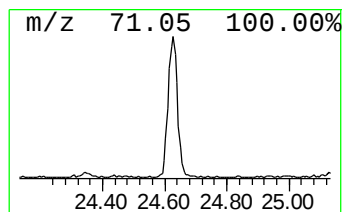
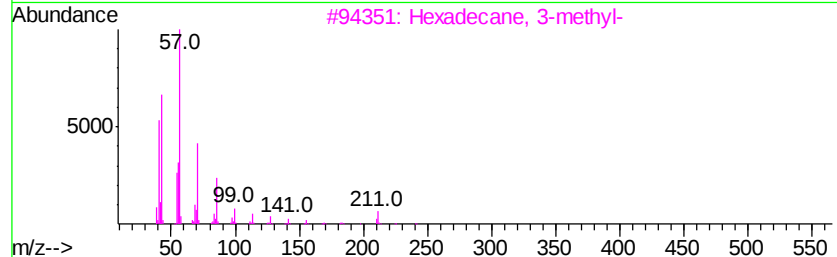
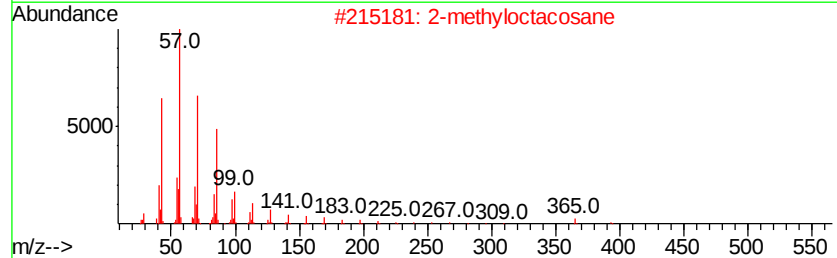
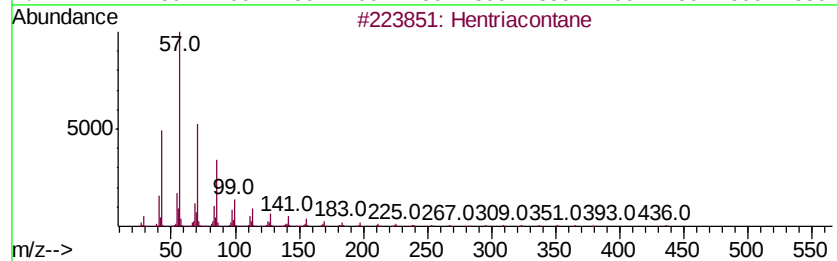
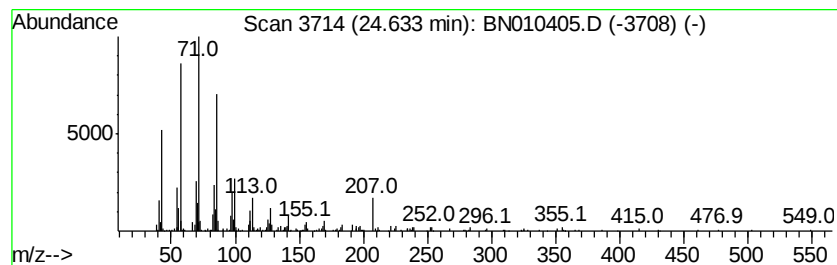
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.63	2.34 ng/ul	955892	Perylene-d12	23.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
4		2-methylhexacosane	380	C27H56	1000376-72-7	90
5		Octacosane	394	C28H58	000630-02-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040320\
Data File : BN010405.D
Acq On : 03 Apr 2020 10:40
Operator : CG/JU
Sample : L2065-11DL2 200X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBF07DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.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	7.98	2.6	ng/ul	256247	1	7.61	1932720	20.0
Indene	8.14	6.6	ng/ul	638421	1	7.61	1932720	20.0
Benzo[b]thiophene	10.53	2.4	ng/ul	345775	2	10.37	2923950	20.0
Naphthalene, 1-me...	12.26	6.0	ng/ul	878488	2	10.37	2923950	20.0
(DEL) Alkane: Str...	23.92	2.2	ng/ul	916174	6	23.36	8182980	20.0
(DEL) Alkane: Str...	24.63	2.3	ng/ul	955892	6	23.36	8182980	20.0