

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
 Data File : BN034284.D
 Acq On : 30 Sep 2024 19:27
 Operator : RC/JU
 Sample : P4019-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC39

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\SFAM-EPA-BN091124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN034284.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.005	17	20	30	rVB	39272	50879	0.12%	0.058%
2	3.393	82	86	111	rVB	366376	578782	1.40%	0.656%
3	5.458	431	437	444	rVB	31470	47004	0.11%	0.053%
4	6.099	540	546	552	rVB	76356	118779	0.29%	0.135%
5	6.587	619	629	643	rBV	503932	850593	2.06%	0.965%
6	6.711	643	650	651	rVV	49445	66687	0.16%	0.076%
7	6.746	651	656	667	rVB	431354	674903	1.63%	0.765%
8	6.875	672	678	682	rVV	325454	476784	1.15%	0.541%
9	6.928	682	687	700	rVV	552185	880930	2.13%	0.999%
10	7.034	700	705	713	rVB2	82212	133786	0.32%	0.152%
11	7.293	744	749	758	rBV3	29308	46868	0.11%	0.053%
12	7.387	758	765	773	rBV	832278	1293085	3.13%	1.466%
13	7.534	783	790	796	rVV	1552005	2462669	5.96%	2.793%
14	7.634	796	807	812	rVV2	18342453	41339065	100.00%	46.878%
15	7.675	812	814	825	rVB	101315	132802	0.32%	0.151%
16	8.105	881	887	894	rBV	627248	1020591	2.47%	1.157%
17	8.528	953	959	970	rVV	478478	786865	1.90%	0.892%
18	8.616	970	974	982	rVB	68339	102734	0.25%	0.116%
19	9.081	1047	1053	1056	rBV2	60492	96238	0.23%	0.109%
20	9.116	1056	1059	1066	rVB2	42378	64759	0.16%	0.073%
21	9.246	1074	1081	1088	rBV	374985	673301	1.63%	0.764%
22	9.310	1088	1092	1099	rVB5	34583	73797	0.18%	0.084%
23	9.775	1164	1171	1182	rBV	603465	1040377	2.52%	1.180%
24	10.146	1227	1234	1245	rVB	1162220	1899232	4.59%	2.154%
25	10.293	1251	1259	1271	rBV	597494	1102153	2.67%	1.250%
26	10.546	1297	1302	1314	rVB2	48933	85951	0.21%	0.097%
27	10.716	1327	1331	1342	rVB9	32183	70975	0.17%	0.080%
28	11.257	1418	1423	1429	rVB	28390	43674	0.11%	0.050%
29	11.604	1473	1482	1485	rBV2	19544	42094	0.10%	0.048%
30	12.881	1693	1699	1707	rBV2	26247	48478	0.12%	0.055%
31	13.469	1793	1799	1810	rBV	1119127	1633302	3.95%	1.852%
32	13.728	1832	1843	1852	rBV	1414219	2119899	5.13%	2.404%
33	13.981	1881	1886	1890	rBV	118833	162833	0.39%	0.185%
34	14.040	1890	1896	1905	rVB	1637858	2416012	5.84%	2.740%
35	14.198	1918	1923	1929	rVB	51307	69535	0.17%	0.079%
36	14.275	1929	1936	1946	rBV3	54194	144384	0.35%	0.164%

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Integrator: RTE

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	14.681	2000	2005	2009	rVB4	30030	45260	0.11%	0.051%
38	14.822	2024	2029	2034	rBV	62255	88976	0.22%	0.101%
39	14.939	2041	2049	2053	rVB2	33385	59873	0.14%	0.068%
40	15.045	2060	2067	2082	rVB	1858067	2607228	6.31%	2.957%
41	15.169	2082	2088	2095	rBV2	110663	189753	0.46%	0.215%
42	15.422	2125	2131	2142	rBV	332896	476655	1.15%	0.541%
43	15.704	2174	2179	2184	rBV2	30864	47504	0.11%	0.054%
44	15.804	2192	2196	2199	rBV2	31438	46119	0.11%	0.052%
45	16.339	2283	2287	2292	rBV2	46117	63528	0.15%	0.072%
46	16.451	2301	2306	2314	rBV	363901	542838	1.31%	0.616%
47	16.798	2358	2365	2375	rBV	2008989	2822050	6.83%	3.200%
48	16.898	2375	2382	2389	rBV	1936498	2794467	6.76%	3.169%
49	17.098	2412	2416	2421	rVB3	26714	42804	0.10%	0.049%
50	17.428	2467	2472	2480	rVB	123726	164641	0.40%	0.187%
51	17.733	2518	2524	2532	rBV	396372	666828	1.61%	0.756%
52	18.763	2695	2699	2706	rBV	40309	63924	0.15%	0.072%
53	19.028	2740	2744	2754	rBV3	80025	171273	0.41%	0.194%
54	19.204	2768	2774	2782	rBV	2467256	3350502	8.10%	3.799%
55	19.804	2873	2876	2880	rVB3	51104	54593	0.13%	0.062%
56	20.304	2958	2961	2965	rBV2	44324	42763	0.10%	0.048%
57	20.763	3035	3039	3050	rBV	499711	688600	1.67%	0.781%
58	21.027	3078	3084	3089	rBV2	2341901	3221574	7.79%	3.653%
59	23.551	3505	3513	3525	rVB	1593121	3564698	8.62%	4.042%
60	23.733	3536	3544	3552	rBV	1591560	3517075	8.51%	3.988%

Sum of corrected areas: 88184326

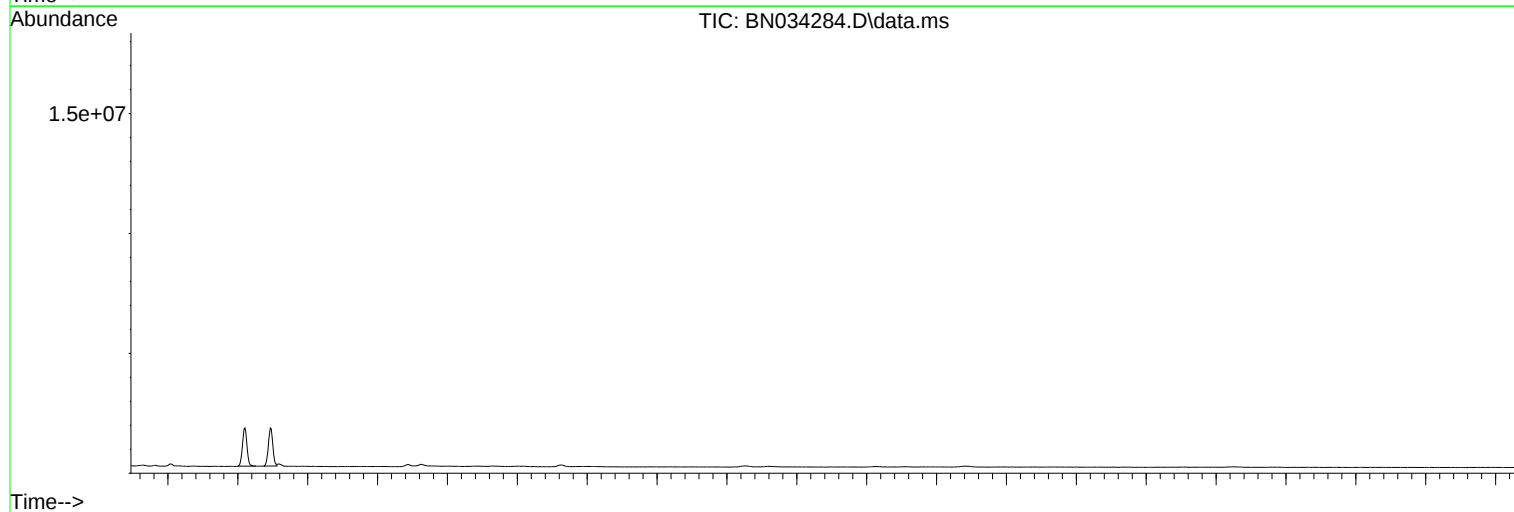
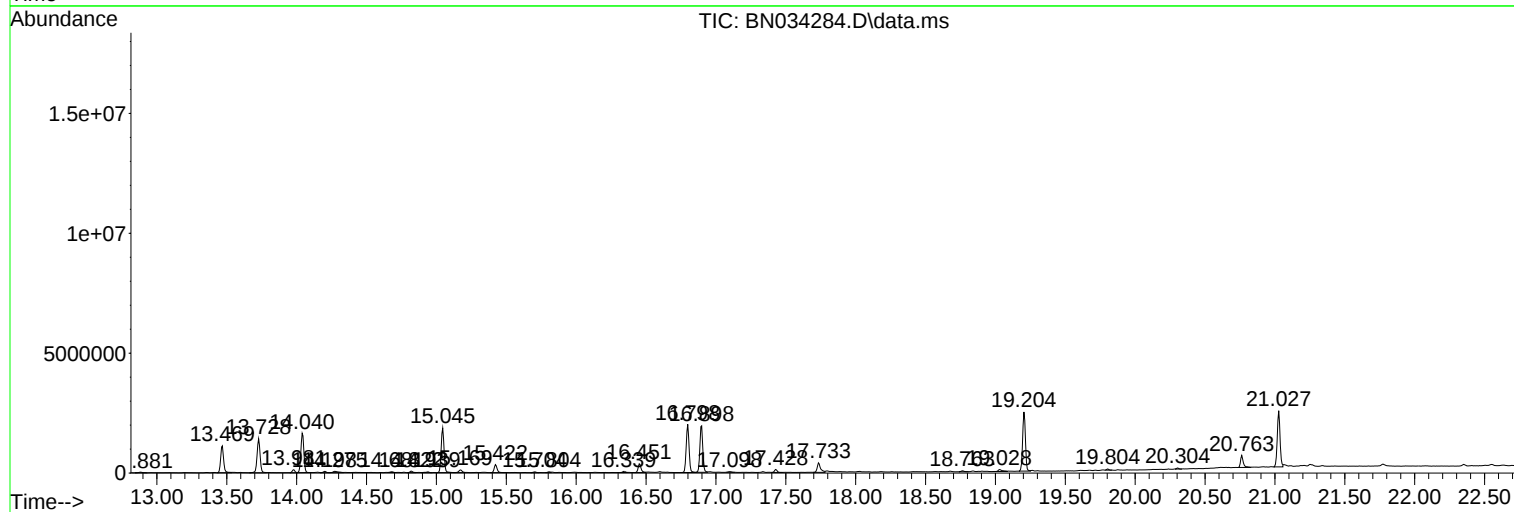
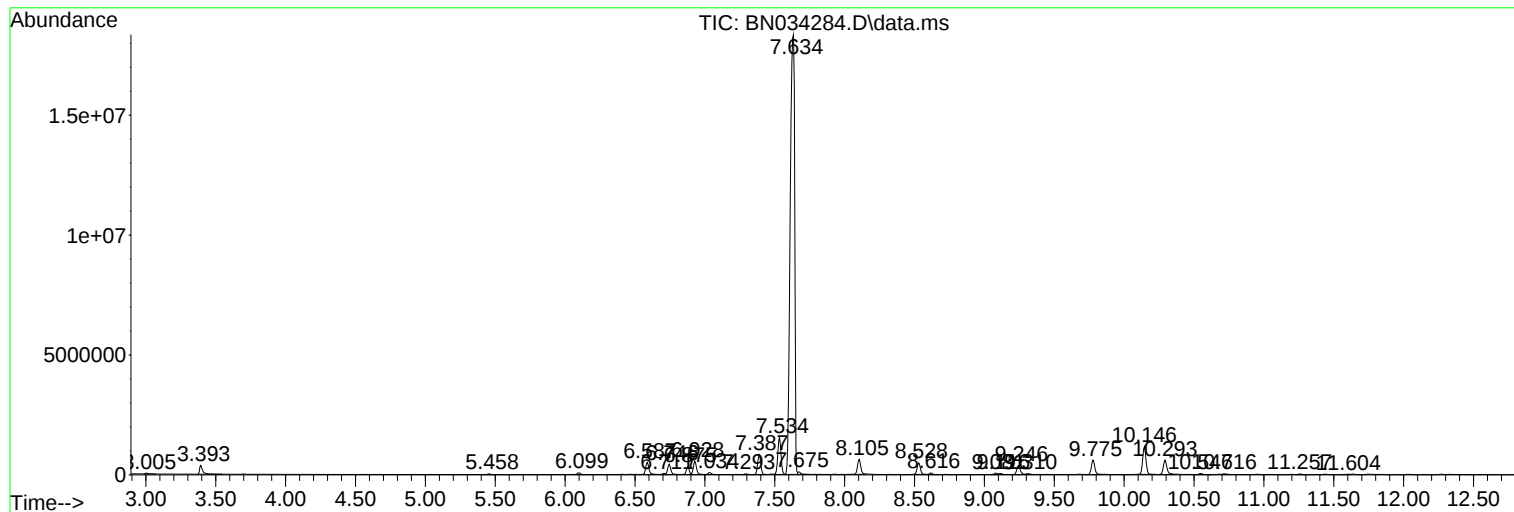
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P



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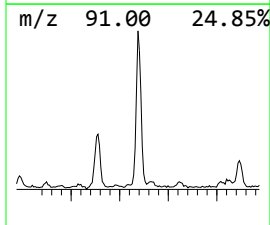
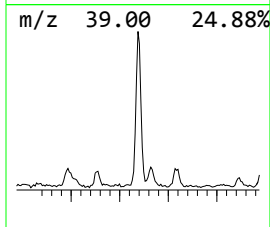
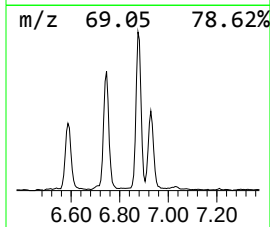
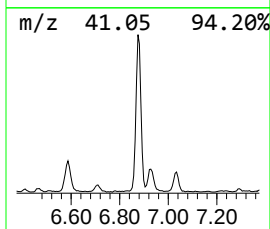
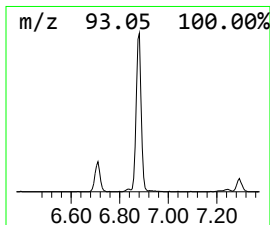
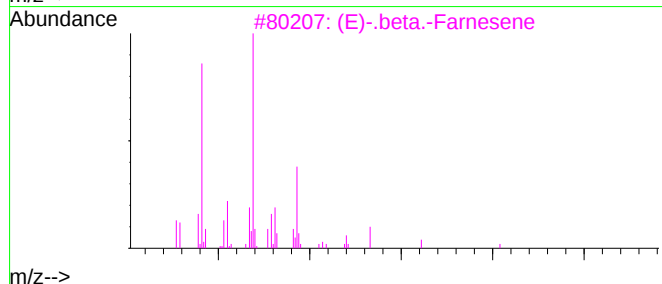
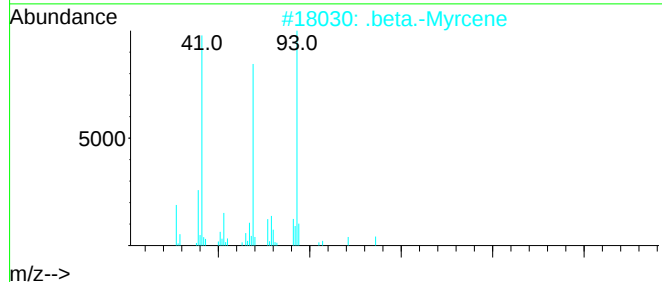
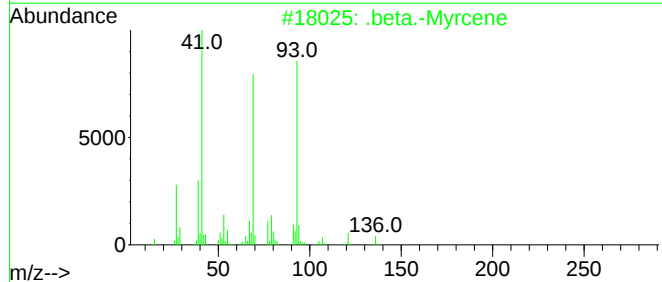
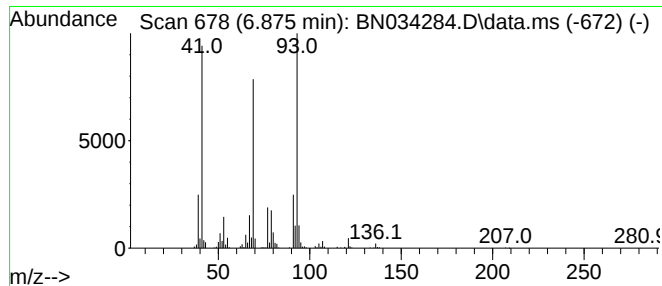
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 .beta.-Myrcene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	7.37 ng/ul	476784	1,4-Dichlorobenzene-d4	7.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Myrcene	136	C10H16	000123-35-3	91
2	.beta.-Myrcene	136	C10H16	000123-35-3	83
3	(E)-.beta.-Farnesene	204	C15H24	018794-84-8	50
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	43
5	.beta.-Myrcene	136	C10H16	000123-35-3	43



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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

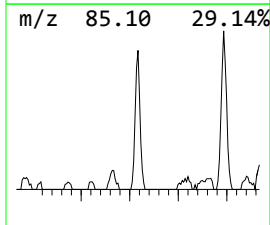
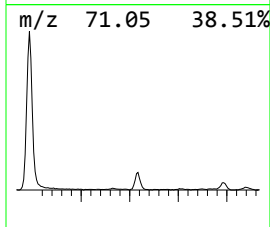
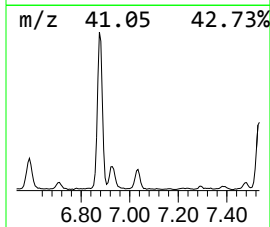
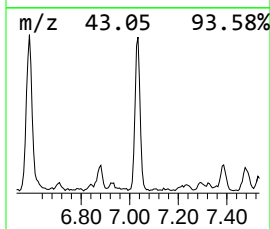
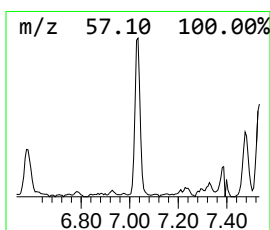
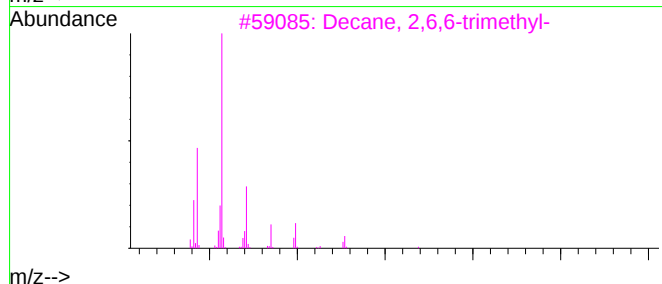
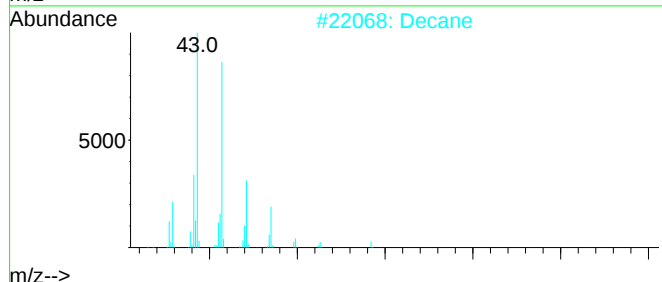
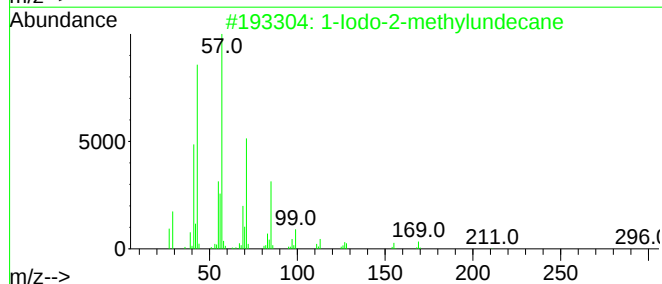
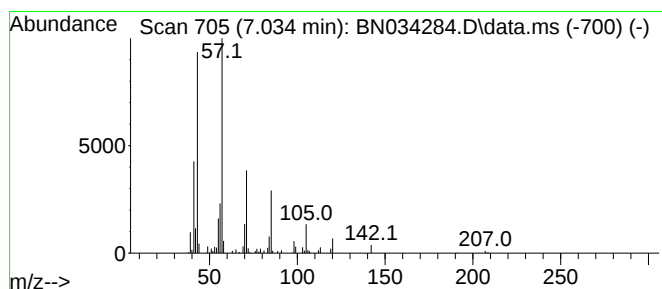
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 2 1-Iodo-2-methylundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.034	2.07 ng/ul	133786	1,4-Dichlorobenzene-d4	7.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
2	Decane	142	C10H22	000124-18-5	62
3	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	59
5	Undecane	156	C11H24	001120-21-4	53



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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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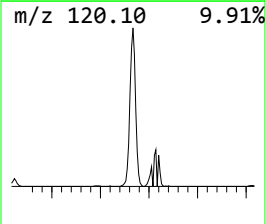
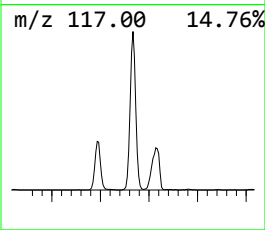
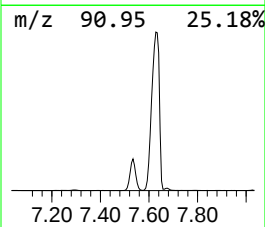
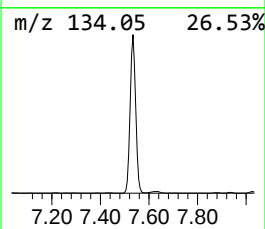
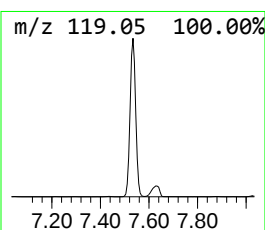
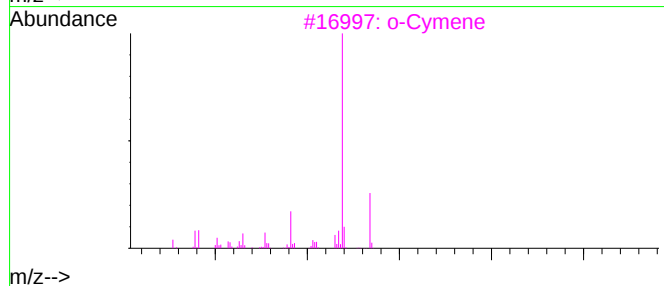
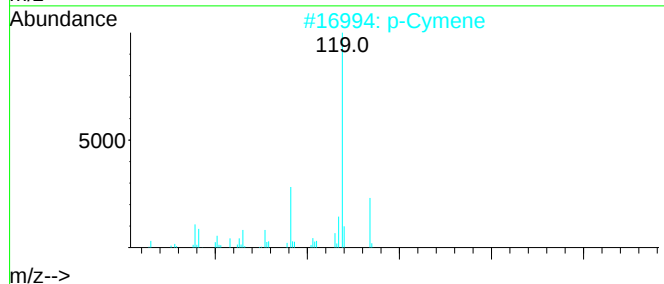
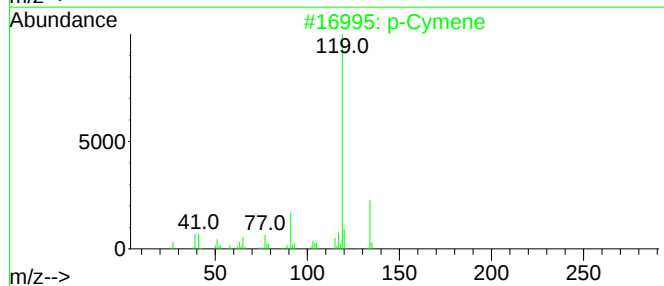
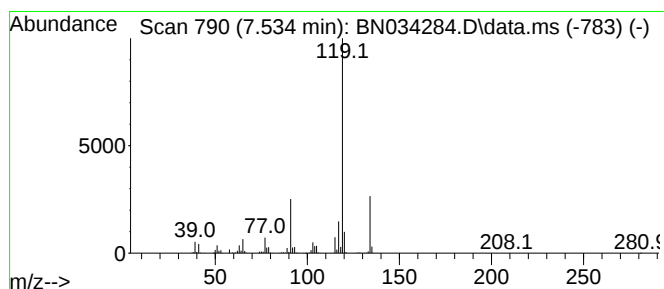
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.534	38.09 ng/ul	2462670	1,4-Dichlorobenzene-d4	7.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	p-Cymene	134	C10H14	000099-87-6	95



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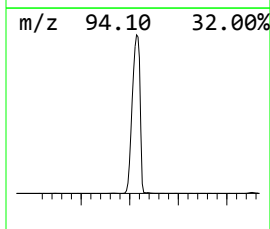
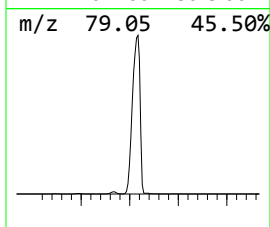
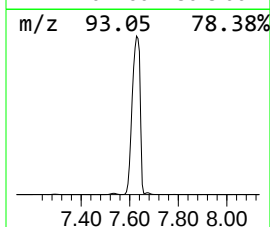
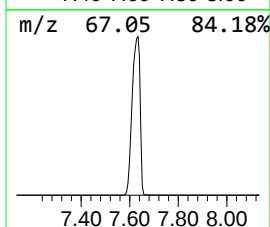
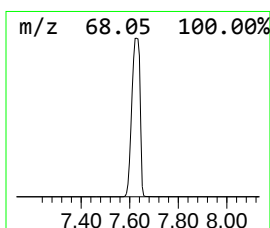
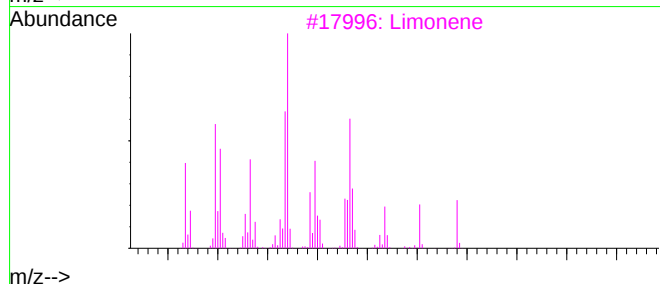
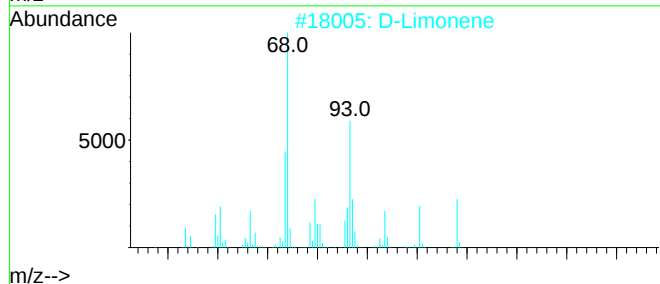
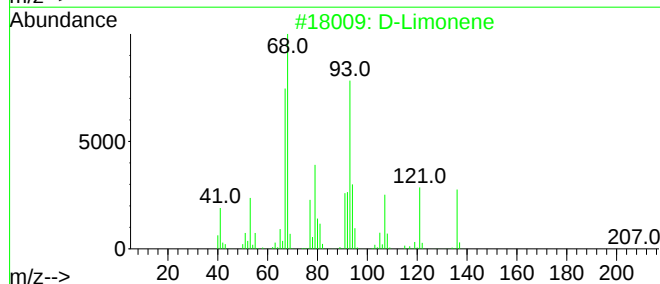
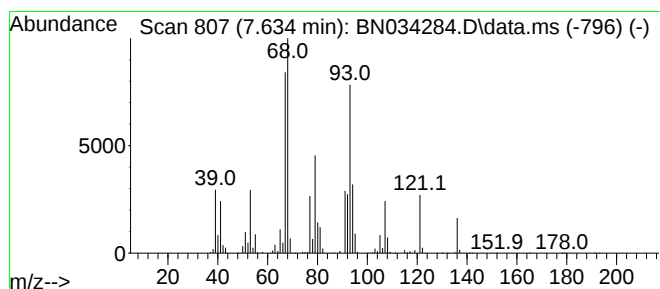
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.634	639.39 ng/ul	41339100	1,4-Dichlorobenzene-d4	7.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	97
2	D-Limonene	136	C10H16	005989-27-5	93
3	Limonene	136	C10H16	000138-86-3	91
4	D-Limonene	136	C10H16	005989-27-5	81
5	D-Limonene	136	C10H16	005989-27-5	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
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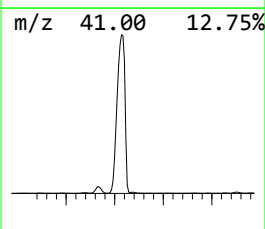
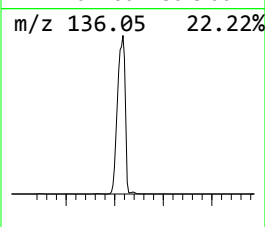
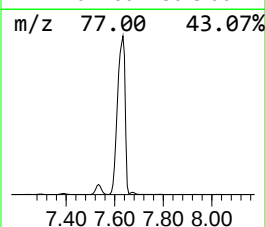
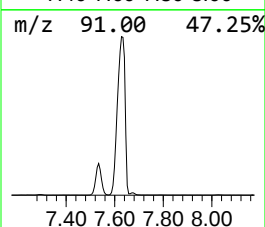
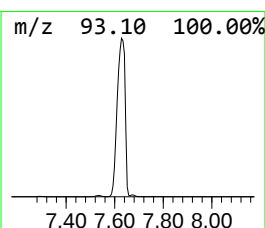
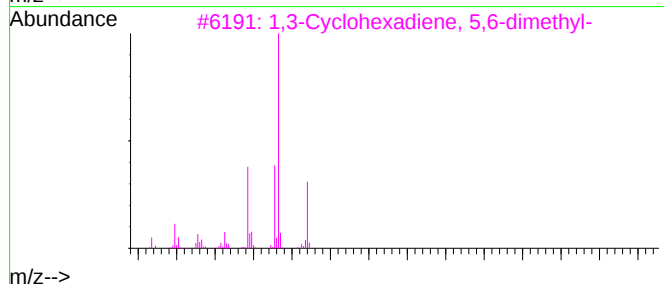
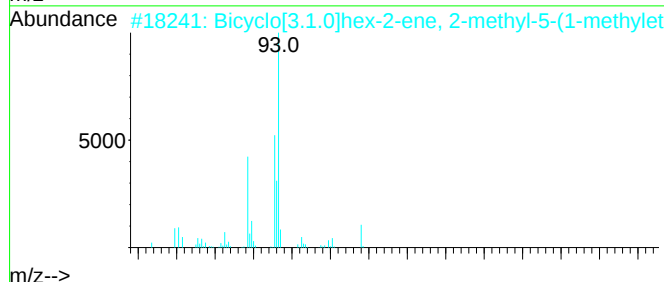
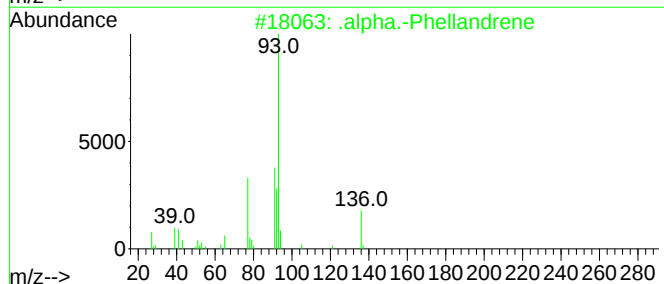
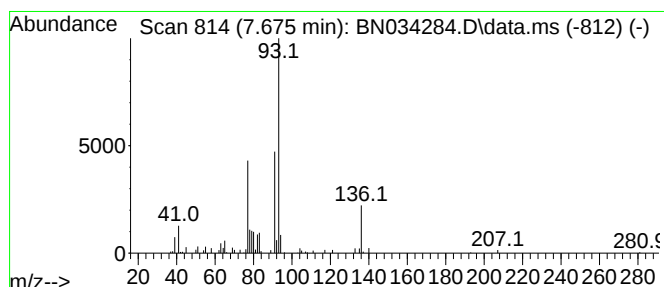
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 .alpha.-Phellandrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.675	2.05 ng/ul	132802	1,4-Dichlorobenzene-d4	7.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Phellandrene	136	C10H16	000099-83-2	80
2	Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	80
3	1,3-Cyclohexadiene, 5,6-dimethyl-	108	C8H12	005715-27-5	72
4	.alpha.-Phellandrene	136	C10H16	000099-83-2	72
5	.alpha.-Phellandrene	136	C10H16	000099-83-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034284.D
Acq On : 30 Sep 2024 19:27
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

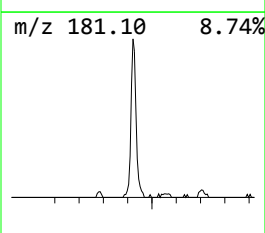
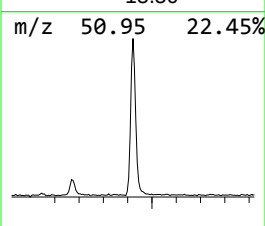
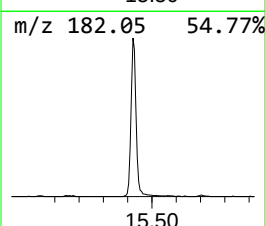
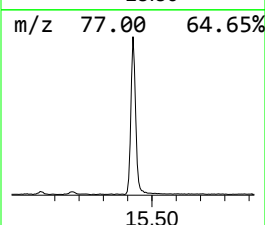
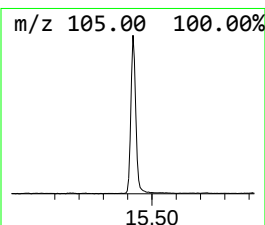
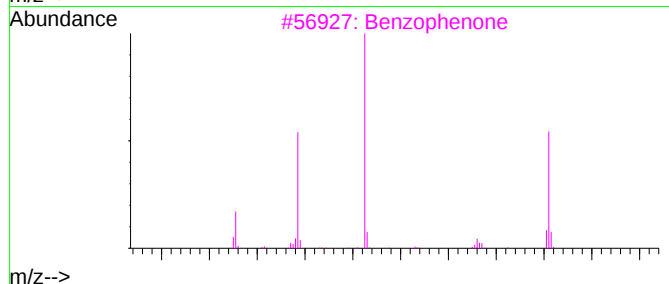
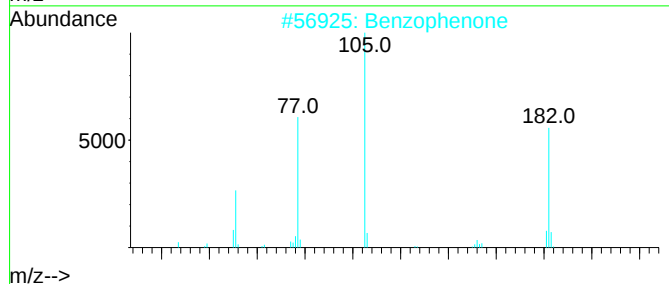
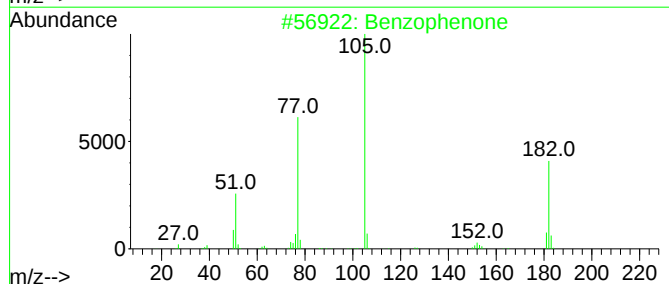
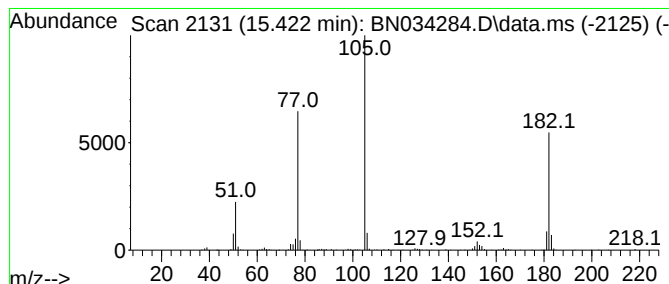
Instrument :
BNA_N
ClientSampleId :
DDC39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.422	3.38 ng/ul	476655	Phenanthrene-d10	16.798	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	93
5	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034284.D
Acq On : 30 Sep 2024 19:27
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

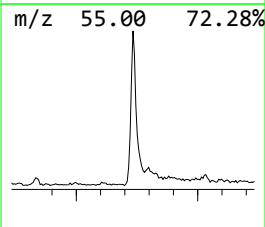
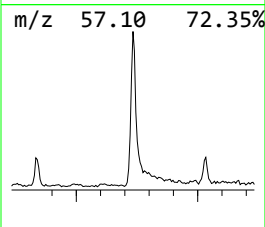
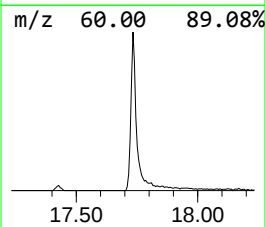
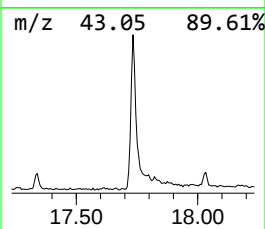
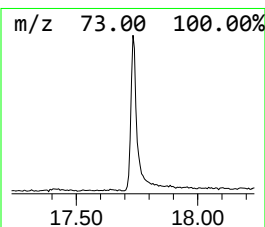
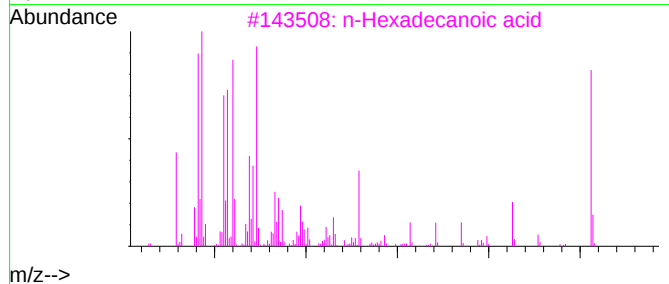
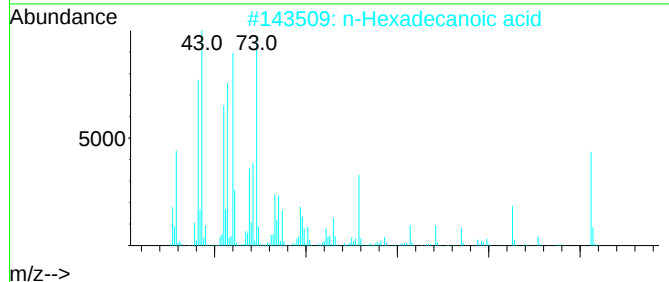
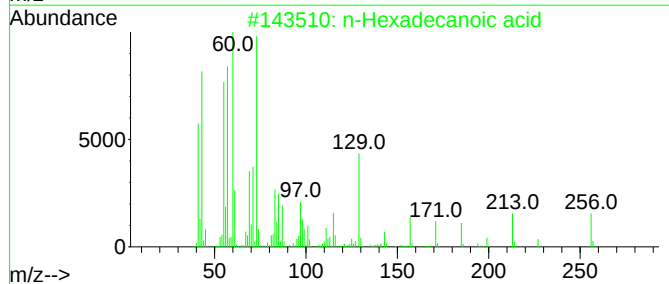
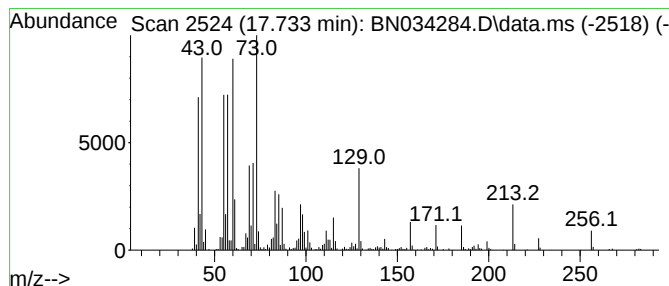
TIC Library : C:\Database\NIST20.L

TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	4.73 ng/ul	666828	Phenanthrene-d10	16.798

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034284.D
Acq On : 30 Sep 2024 19:27
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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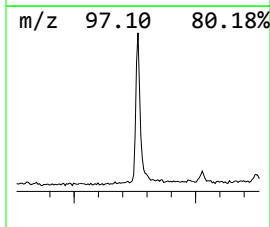
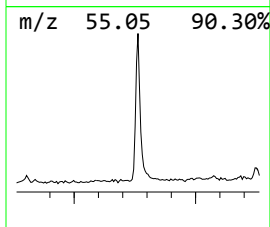
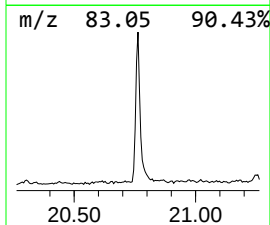
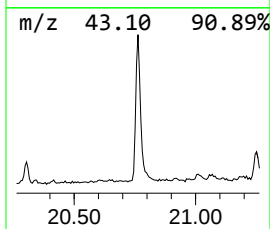
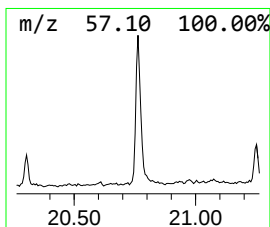
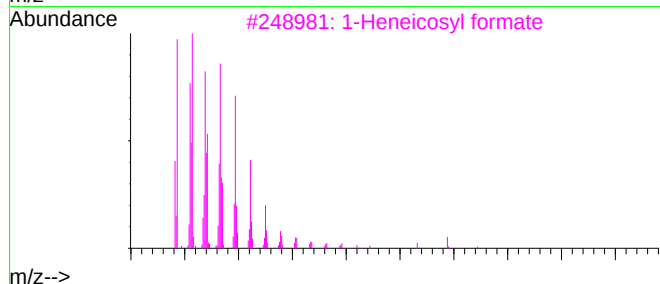
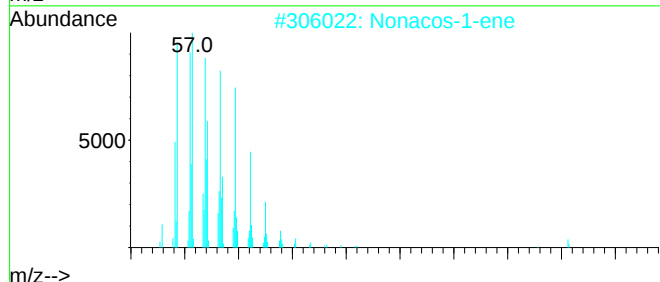
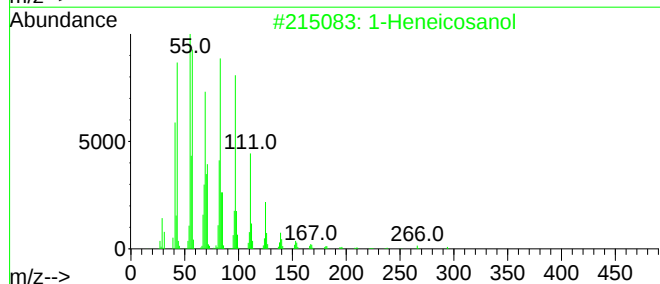
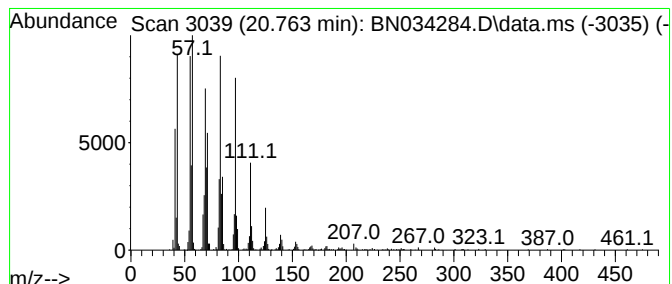
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.763	4.27 ng/ul	688600	Chrysene-d12	21.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Nonacos-1-ene	406	C29H58	018835-35-3	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Heptacos-1-ene	378	C27H54	015306-27-1	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093024\
Data File : BN034284.D
Acq On : 30 Sep 2024 19:27
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC39

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.beta.-Myrcene	6.875	7.4	ng/u1	476784	1	7.387	1293090	20.0
1-Iodo-2-methyl...	7.034	2.1	ng/u1	133786	1	7.387	1293090	20.0
p-Cymene	7.534	38.1	ng/u1	2462670	1	7.387	1293090	20.0
D-Limonene	7.634	639.4	ng/u1	41339100	1	7.387	1293090	20.0
.alpha.-Phellan...	7.675	2.0	ng/u1	132802	1	7.387	1293090	20.0
Benzophenone	15.422	3.4	ng/u1	476655	4	16.798	2822050	20.0
n-Hexadecanoic ...	17.733	4.7	ng/u1	666828	4	16.798	2822050	20.0
1-Heneicosanol	20.763	4.3	ng/u1	688600	5	21.027	3221570	20.0