

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
 Data File : BN034312.D
 Acq On : 01 Oct 2024 21:47
 Operator : RC/JU
 Sample : P4019-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DDC39

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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: BN034312.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	16	20	29	rVB	38846	54356	0.13%	0.061%
2	3.393	82	86	100	rBV	399185	588906	1.40%	0.657%
3	5.452	429	436	443	rVB	31862	48351	0.11%	0.054%
4	6.099	541	546	552	rVB	80360	125609	0.30%	0.140%
5	6.587	622	629	644	rVB	542410	874253	2.07%	0.976%
6	6.705	644	649	651	rVV	52193	72194	0.17%	0.081%
7	6.740	651	655	668	rVB	436528	698349	1.66%	0.780%
8	6.875	673	678	682	rVV	365681	504299	1.20%	0.563%
9	6.928	682	687	699	rVV	595407	926465	2.20%	1.034%
10	7.034	699	705	711	rVB2	85011	138523	0.33%	0.155%
11	7.293	743	749	757	rBV2	29595	48134	0.11%	0.054%
12	7.387	758	765	772	rBV	935755	1441410	3.42%	1.609%
13	7.534	783	790	796	rVV	1584853	2595961	6.15%	2.898%
14	7.628	796	806	811	rVV	18605856	42188201	100.00%	47.102%
15	7.669	811	813	828	rVB	101878	161469	0.38%	0.180%
16	8.105	881	887	894	rBV	670493	1062145	2.52%	1.186%
17	8.528	953	959	969	rVV	498762	805737	1.91%	0.900%
18	8.616	969	974	982	rVB	72244	111740	0.26%	0.125%
19	9.081	1045	1053	1056	rBV	92430	152796	0.36%	0.171%
20	9.116	1056	1059	1065	rVB	47776	69729	0.17%	0.078%
21	9.240	1073	1080	1087	rBV	405877	712747	1.69%	0.796%
22	9.305	1087	1091	1099	rVB5	42376	91227	0.22%	0.102%
23	9.775	1164	1171	1180	rBV	651358	1091546	2.59%	1.219%
24	10.146	1227	1234	1250	rVB	1221097	2114961	5.01%	2.361%
25	10.293	1250	1259	1274	rBV	620904	1154591	2.74%	1.289%
26	10.546	1295	1302	1313	rVB2	52668	95332	0.23%	0.106%
27	10.716	1327	1331	1343	rVB4	53873	108200	0.26%	0.121%
28	11.257	1418	1423	1431	rVB	29629	46177	0.11%	0.052%
29	11.604	1471	1482	1484	rBV4	21554	43595	0.10%	0.049%
30	12.881	1691	1699	1705	rBV	28327	49149	0.12%	0.055%
31	13.463	1793	1798	1809	rBV	1128984	1616941	3.83%	1.805%
32	13.728	1832	1843	1853	rBV	1373625	2110969	5.00%	2.357%
33	13.975	1880	1885	1889	rBV	126403	163169	0.39%	0.182%
34	14.040	1889	1896	1905	rVV	1752187	2547185	6.04%	2.844%
35	14.198	1919	1923	1928	rBV	54145	75563	0.18%	0.084%
36	14.275	1928	1936	1946	rBV4	57541	147583	0.35%	0.165%

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Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 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
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37	14.681	2000	2005	2009	rBV3	32138	50022	0.12%	0.056%
38	14.816	2024	2028	2035	rBV	58726	87613	0.21%	0.098%
39	14.940	2040	2049	2053	rVB3	30009	56985	0.14%	0.064%
40	15.045	2060	2067	2081	rVB	1784685	2550331	6.05%	2.847%
41	15.175	2082	2089	2096	rBV2	111201	188015	0.45%	0.210%
42	15.422	2123	2131	2141	rBV	330568	475024	1.13%	0.530%
43	15.704	2173	2179	2183	rBV	32283	48303	0.11%	0.054%
44	15.804	2192	2196	2199	rBV	31778	47468	0.11%	0.053%
45	16.339	2283	2287	2292	rBV4	50222	66436	0.16%	0.074%
46	16.451	2301	2306	2314	rBV	370284	549399	1.30%	0.613%
47	16.798	2358	2365	2375	rBV	2028406	2851703	6.76%	3.184%
48	16.892	2375	2381	2389	rVV	1871771	2678337	6.35%	2.990%
49	17.334	2450	2456	2460	rBV	31493	51568	0.12%	0.058%
50	17.428	2467	2472	2479	rVB	122506	160630	0.38%	0.179%
51	17.734	2518	2524	2532	rBV	463513	726627	1.72%	0.811%
52	18.028	2569	2574	2583	rBV8	18867	43228	0.10%	0.048%
53	18.763	2695	2699	2704	rBV2	35416	53542	0.13%	0.060%
54	19.033	2740	2745	2749	rBV3	83709	148046	0.35%	0.165%
55	19.204	2768	2774	2781	rBV	2389304	3076391	7.29%	3.435%
56	19.804	2873	2876	2884	rVB3	56340	77148	0.18%	0.086%
57	20.304	2959	2961	2965	rVB2	49818	52762	0.13%	0.059%
58	20.763	3035	3039	3046	rBV	489293	614947	1.46%	0.687%
59	21.027	3079	3084	3090	rBV	2246678	3175810	7.53%	3.546%
60	23.557	3506	3514	3526	rBV	1592637	3382068	8.02%	3.776%
61	23.745	3538	3546	3553	rBV	1551260	3518304	8.34%	3.928%

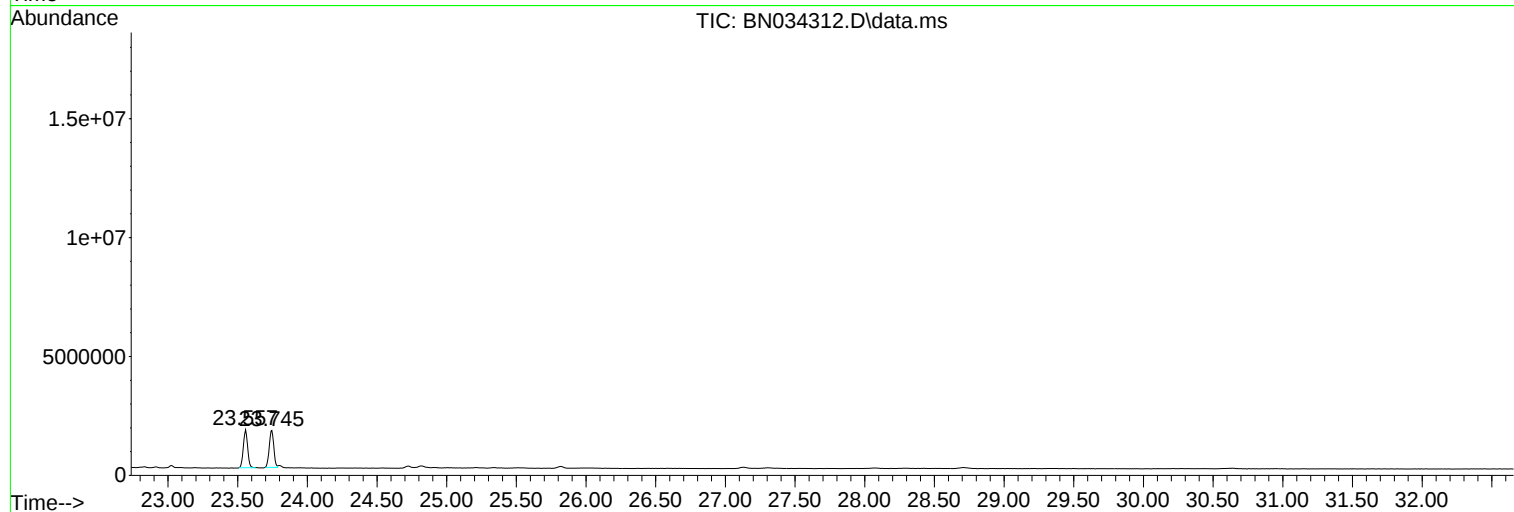
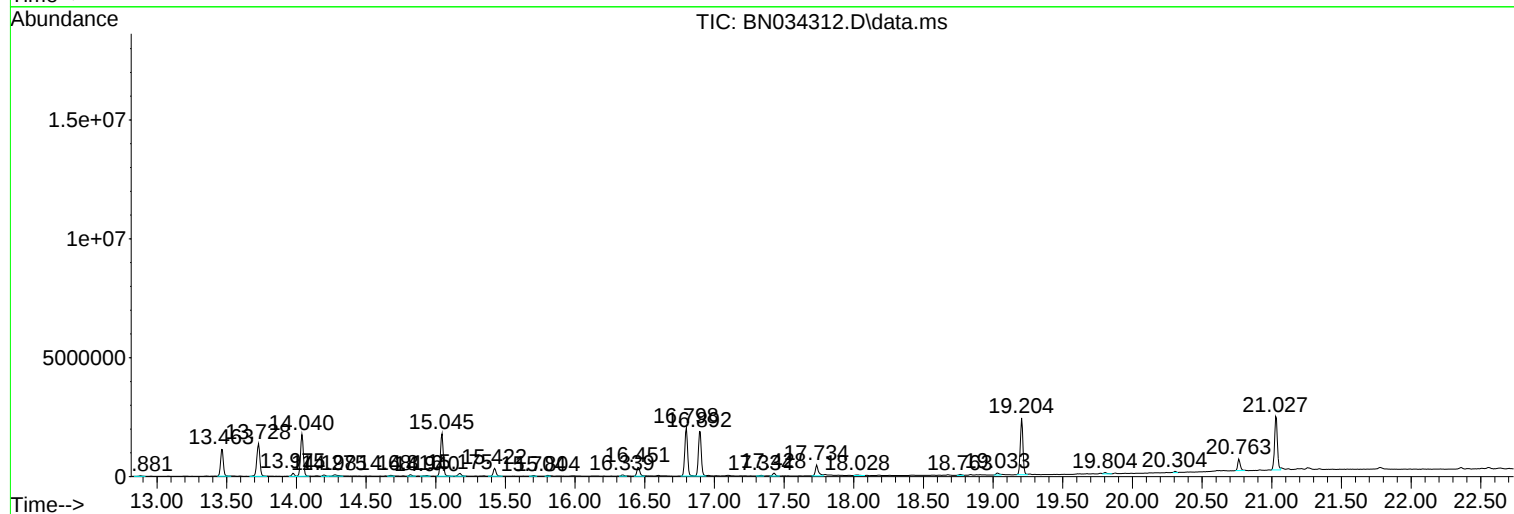
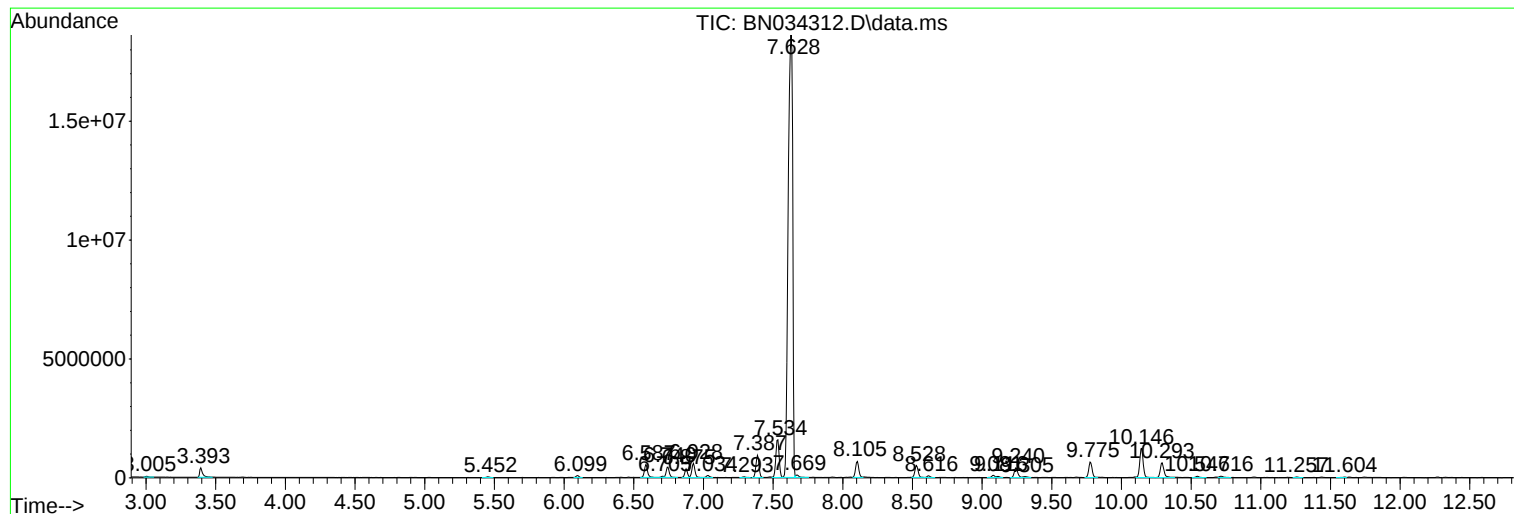
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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



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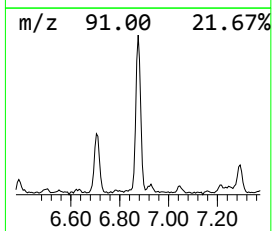
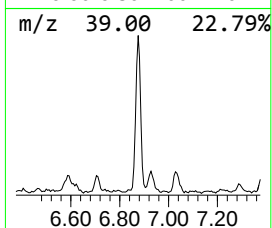
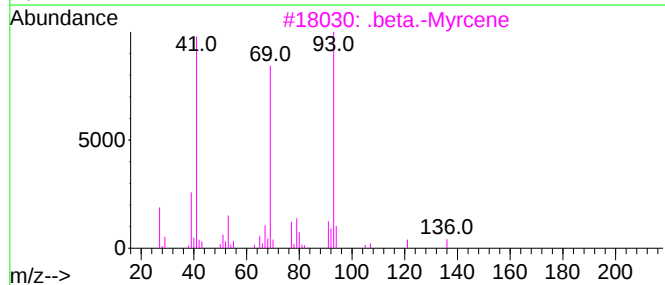
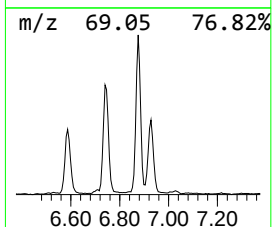
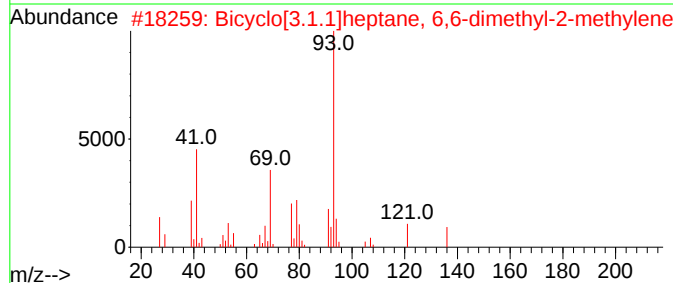
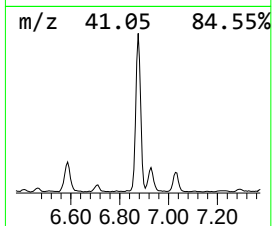
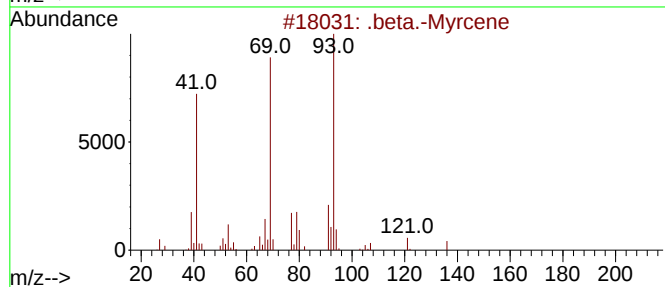
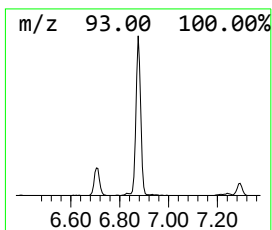
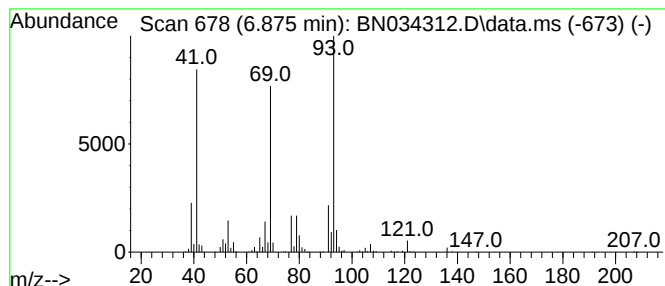
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Quant Title : SVOA CALIBRATION

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	7.00 ng/ul	504299	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	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	64		
3	.	beta.-Myrcene	136	C10H16	000123-35-3	59	
4	.	beta.-Pinene	136	C10H16	000127-91-3	52	
5	.	beta.-Phellandrene	136	C10H16	000555-10-2	46	



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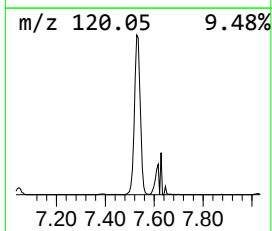
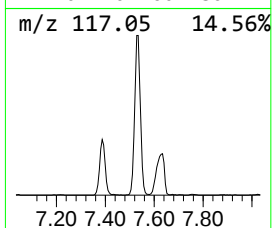
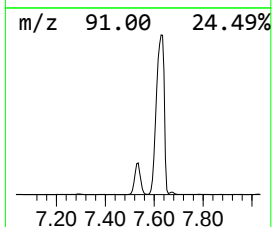
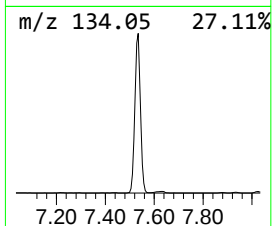
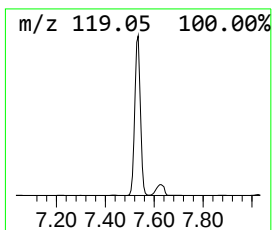
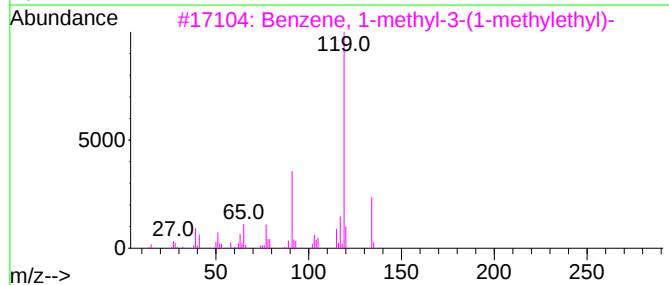
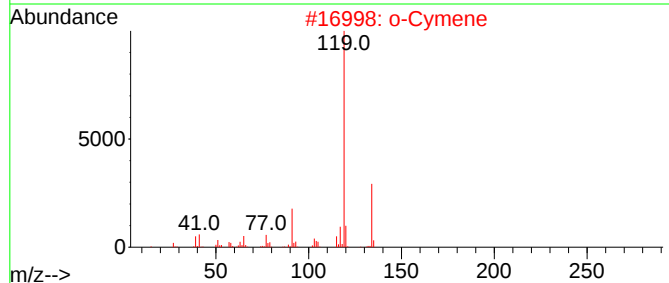
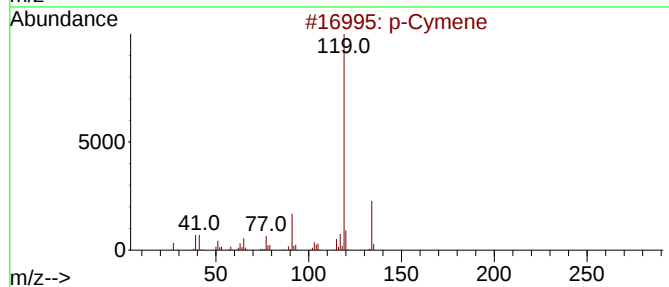
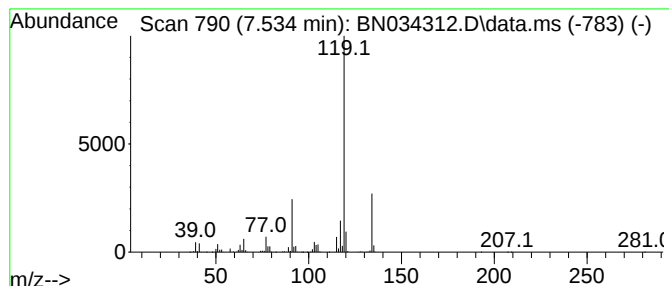
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 p-Cymene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.534	36.02 ng/ul	2595960	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	o-Cymene			134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...			134	C10H14	000535-77-3	95
4	p-Cymene			134	C10H14	000099-87-6	95
5	p-Cymene			134	C10H14	000099-87-6	95



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ALS Vial : 20 Sample Multiplier: 1

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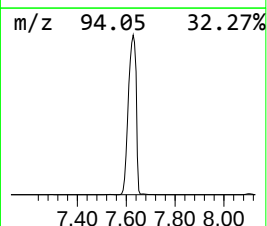
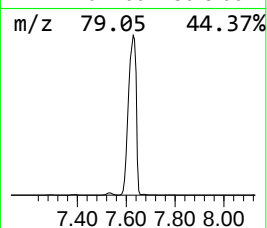
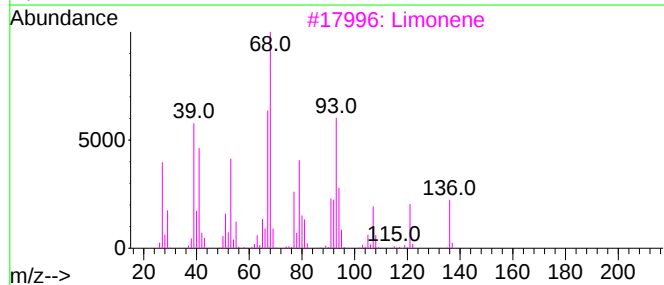
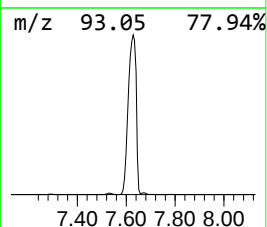
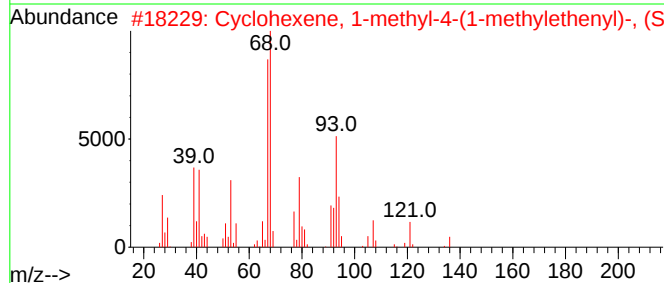
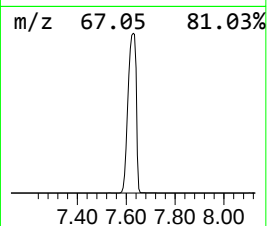
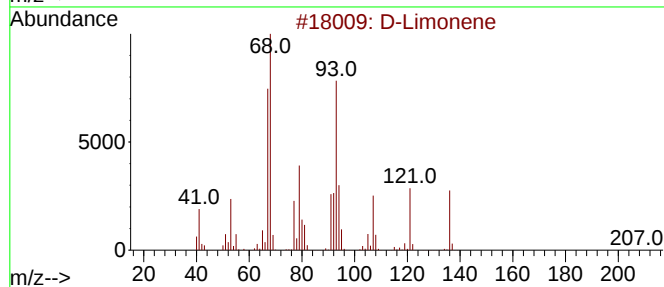
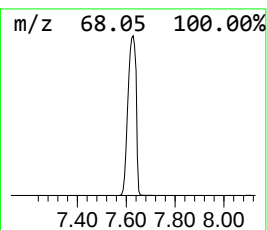
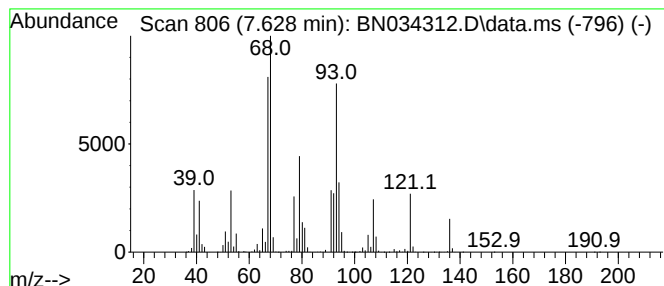
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.628	585.37 ng/ul	42188200	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			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	97
3			Limonene	136	C10H16	000138-86-3	91
4			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	86
5			D-Limonene	136	C10H16	005989-27-5	81



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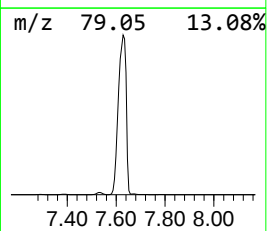
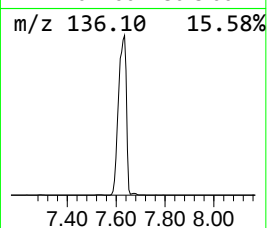
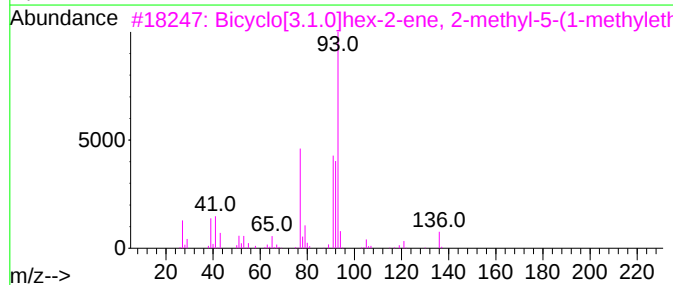
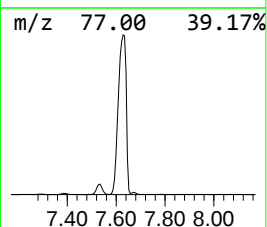
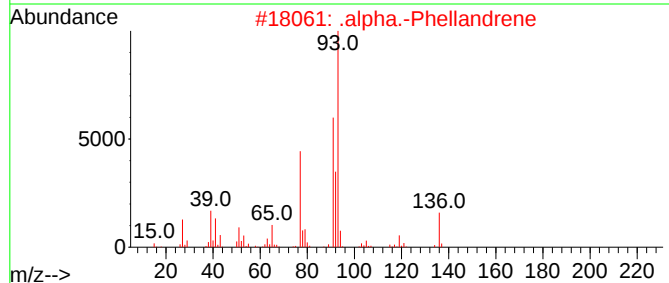
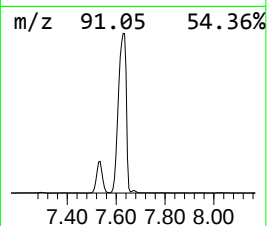
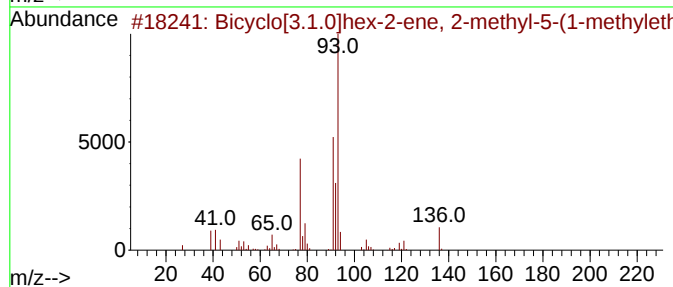
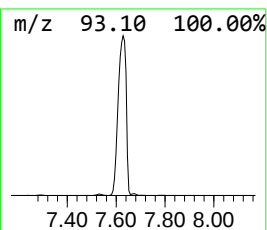
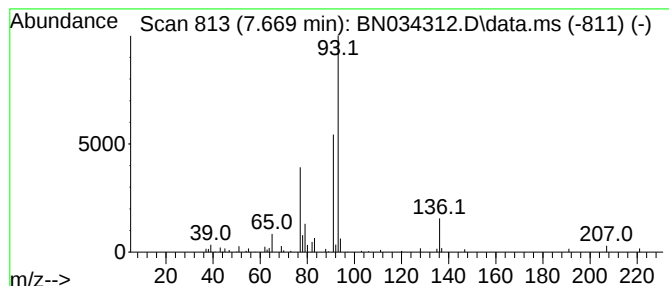
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Bicyclo[3.1.0]hex-2-ene, 2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.669	2.24 ng/ul	161469	1,4-Dichlorobenzene-d4	7.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	86
2			.alpha.-Phellandrene	136	C10H16	000099-83-2	80
3			Bicyclo[3.1.0]hex-2-ene, 2-methy...	136	C10H16	002867-05-2	78
4			.alpha.-Phellandrene	136	C10H16	000099-83-2	72
5			.alpha.-Phellandrene	136	C10H16	000099-83-2	72



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DDC39

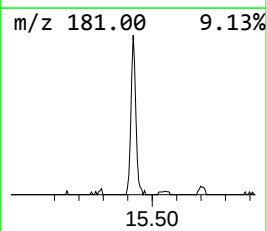
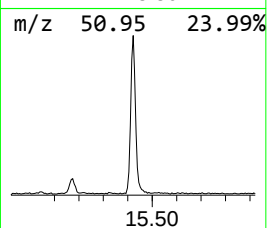
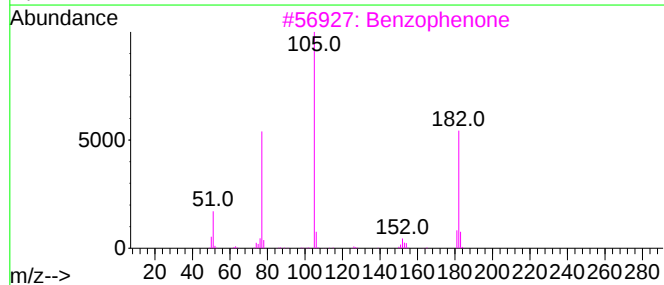
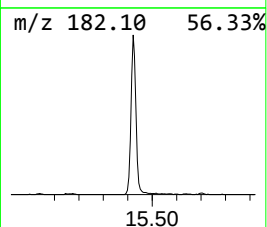
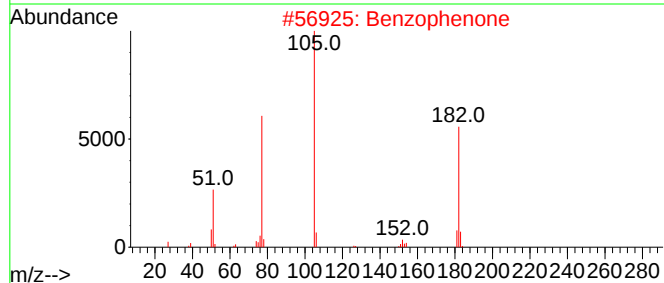
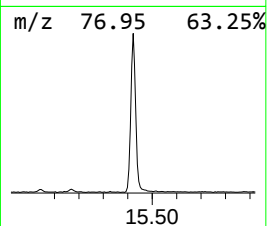
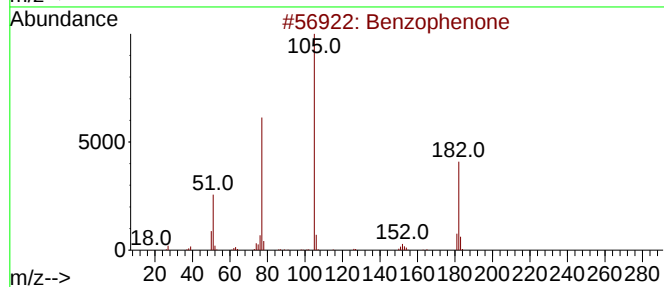
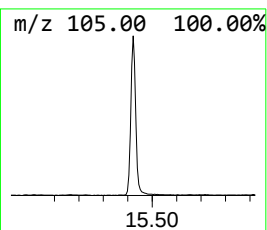
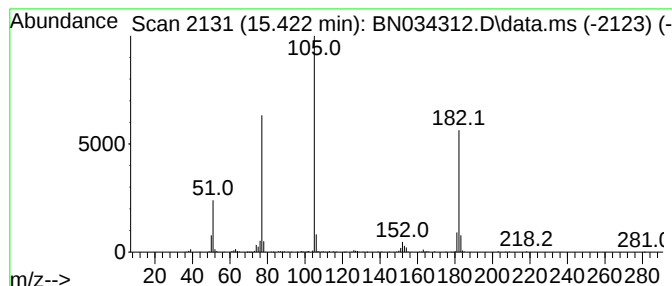
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.422	3.33 ng/ul	475024	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	90
5			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034312.D
Acq On : 01 Oct 2024 21:47
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC39

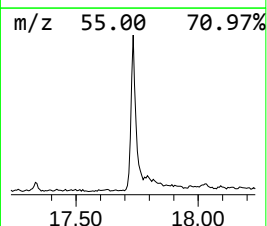
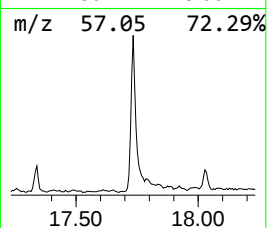
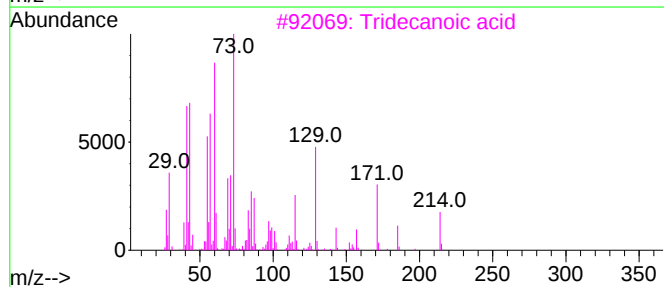
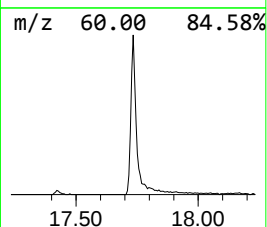
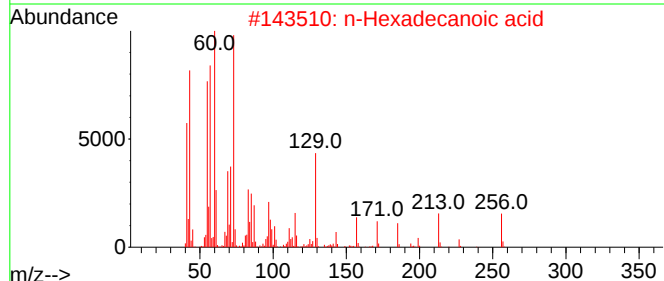
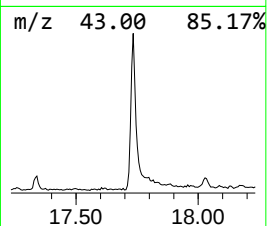
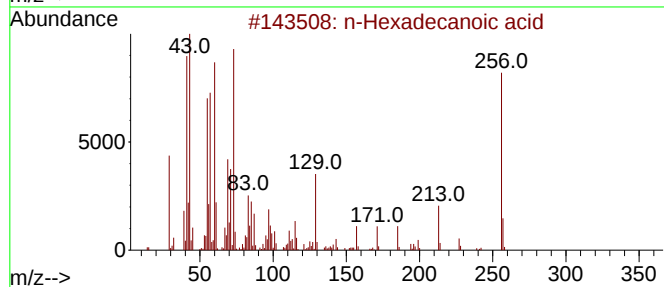
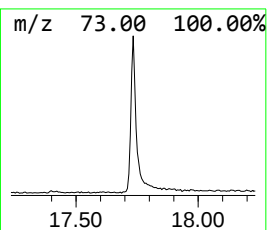
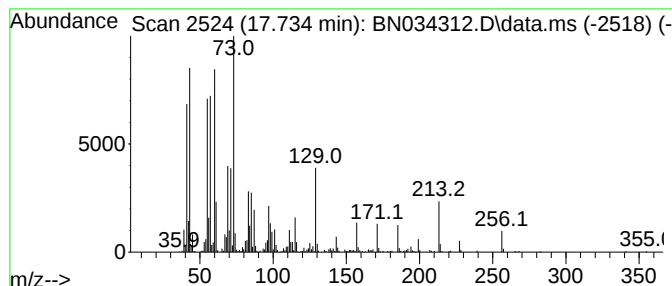
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	5.10 ng/ul	726627	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	99
3			Tridecanoic acid	214	C13H26O2	000638-53-9	95
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034312.D
Acq On : 01 Oct 2024 21:47
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DDC39

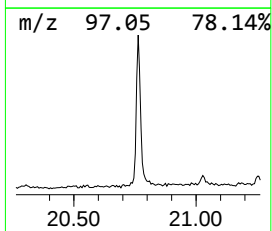
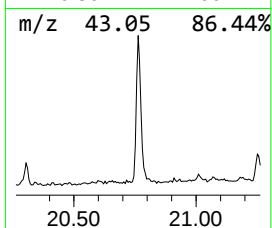
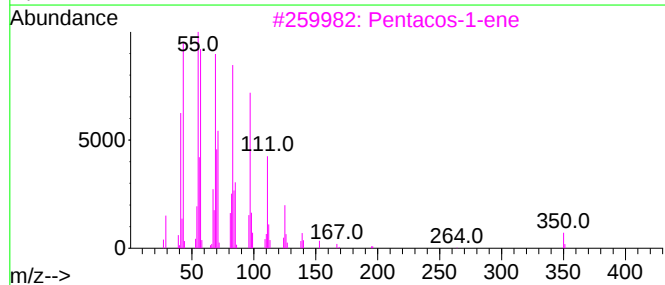
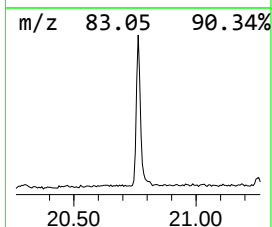
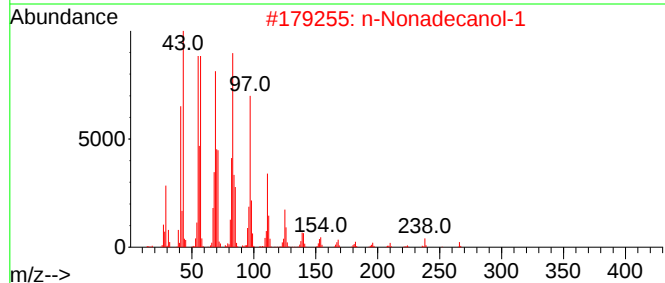
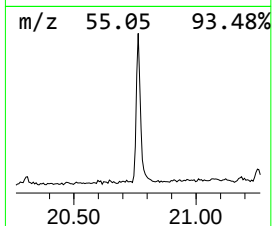
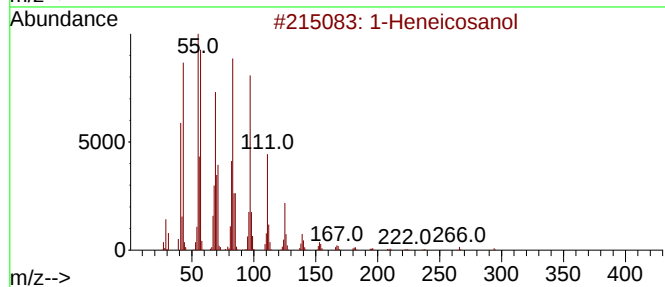
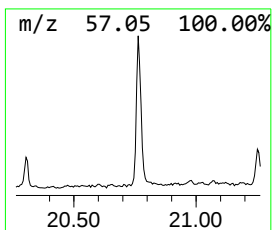
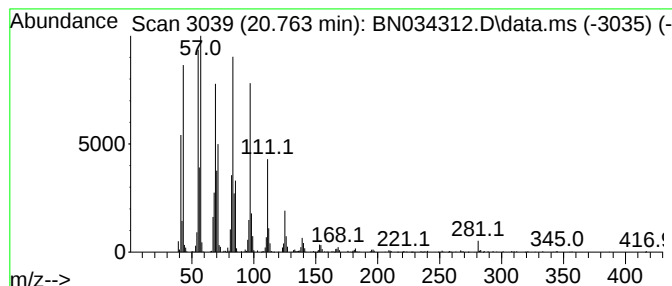
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.763	3.87 ng/ul	614947	Chrysene-d12	21.028

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosanol	312	C21H44O	015594-90-8	95
2			n-Nonadecanol-1	284	C19H40O	001454-84-8	95
3			Pentacos-1-ene	350	C25H50	016980-85-1	94
4			n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5			Behenic alcohol	326	C22H46O	000661-19-8	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100124\
Data File : BN034312.D
Acq On : 01 Oct 2024 21:47
Operator : RC/JU
Sample : P4019-03
Misc :
ALS Vial : 20 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\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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p-Cymene	7.534	36.0	ng/ul	2595960	1	7.387	1441410	20.0
D-Limonene	7.628	585.4	ng/ul	42188200	1	7.387	1441410	20.0
Bicyclo[3.1.0]h...	7.669	2.2	ng/ul	161469	1	7.387	1441410	20.0
Benzophenone	15.422	3.3	ng/ul	475024	4	16.798	2851700	20.0
n-Hexadecanoic ...	17.733	5.1	ng/ul	726627	4	16.798	2851700	20.0
1-Heneicosanol	20.763	3.9	ng/ul	614947	5	21.028	3175810	20.0