

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
 Data File : BF134792.D
 Acq On : 15 Aug 2023 19:24
 Operator : CG\JU
 Sample : 04012-01 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-081423

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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_F\Methods\8270-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134792.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.857	295	301	308	rVB	10098	15726	1.21%	0.190%
2	5.416	562	566	579	rBV	251716	236614	18.18%	2.865%
3	6.075	675	678	682	rBV	162350	149742	11.51%	1.813%
4	6.422	734	737	747	rBV	272621	233030	17.91%	2.822%
5	6.498	747	750	754	rVB	305018	252014	19.36%	3.052%
6	6.798	797	801	804	rBV	1233653	935501	71.88%	11.328%
7	7.351	892	895	903	rBV	151229	141746	10.89%	1.716%
8	7.775	960	967	973	rBV4	20351	26690	2.05%	0.323%
9	8.075	1014	1018	1022	rBV	1490792	1209593	92.94%	14.647%
10	9.151	1198	1201	1210	rBV	319937	278605	21.41%	3.374%
11	9.269	1218	1221	1231	rVB	34077	36333	2.79%	0.440%
12	9.833	1313	1317	1337	rBV	1413583	1301439	100.00%	15.759%
13	10.616	1447	1450	1464	rBV	140250	150816	11.59%	1.826%
14	11.321	1566	1570	1578	rBV	1233957	1097110	84.30%	13.285%
15	11.851	1657	1660	1665	rBV3	22853	30082	2.31%	0.364%
16	12.910	1837	1840	1849	rBV	284716	255224	19.61%	3.091%
17	13.674	1967	1970	1980	rBV3	82422	108534	8.34%	1.314%
18	13.768	1982	1986	1993	rVV	103262	123012	9.45%	1.490%
19	13.968	2016	2020	2032	rVB	1010682	972474	74.72%	11.776%
20	15.439	2266	2270	2278	rBV	518791	703935	54.09%	8.524%

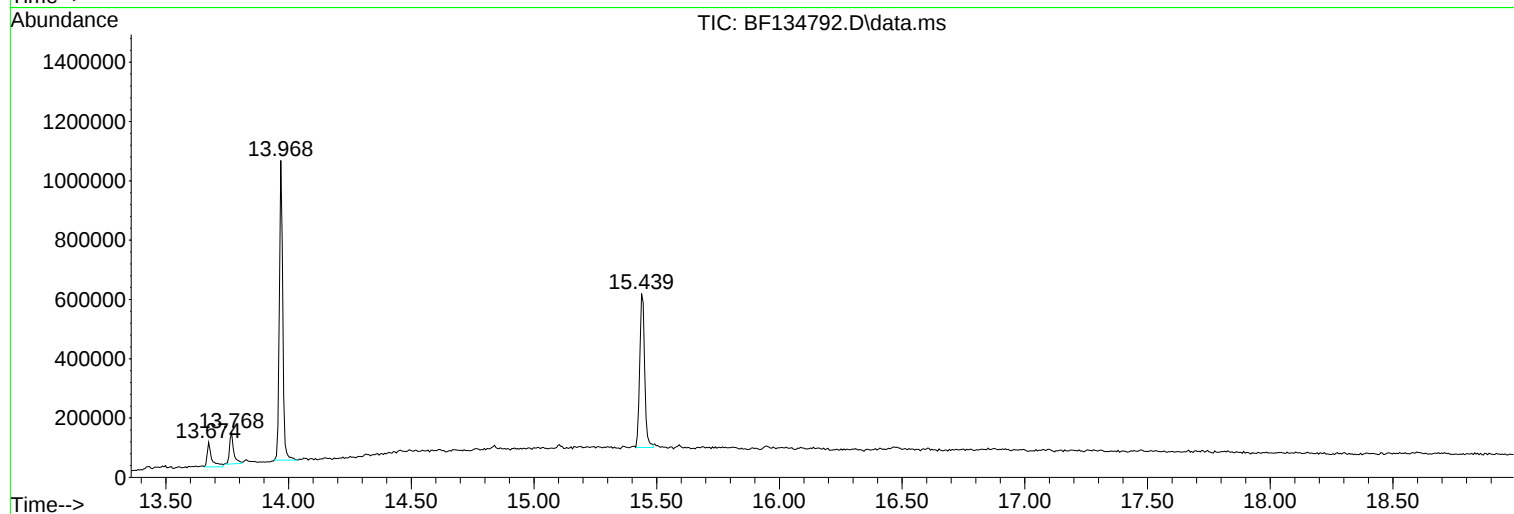
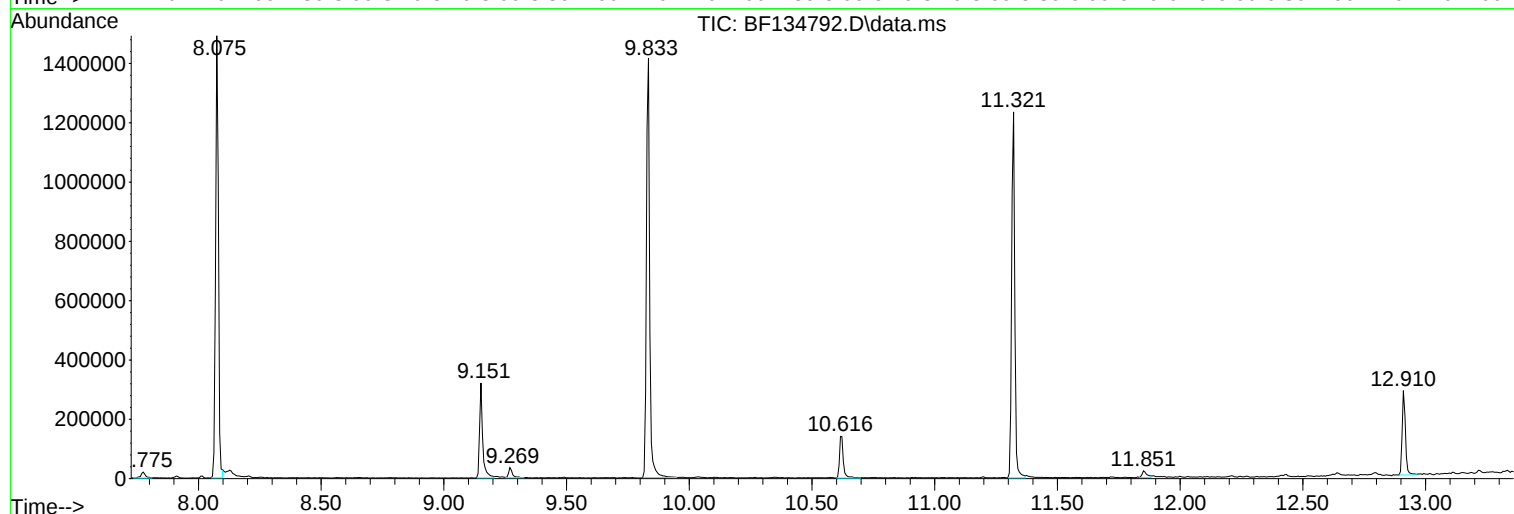
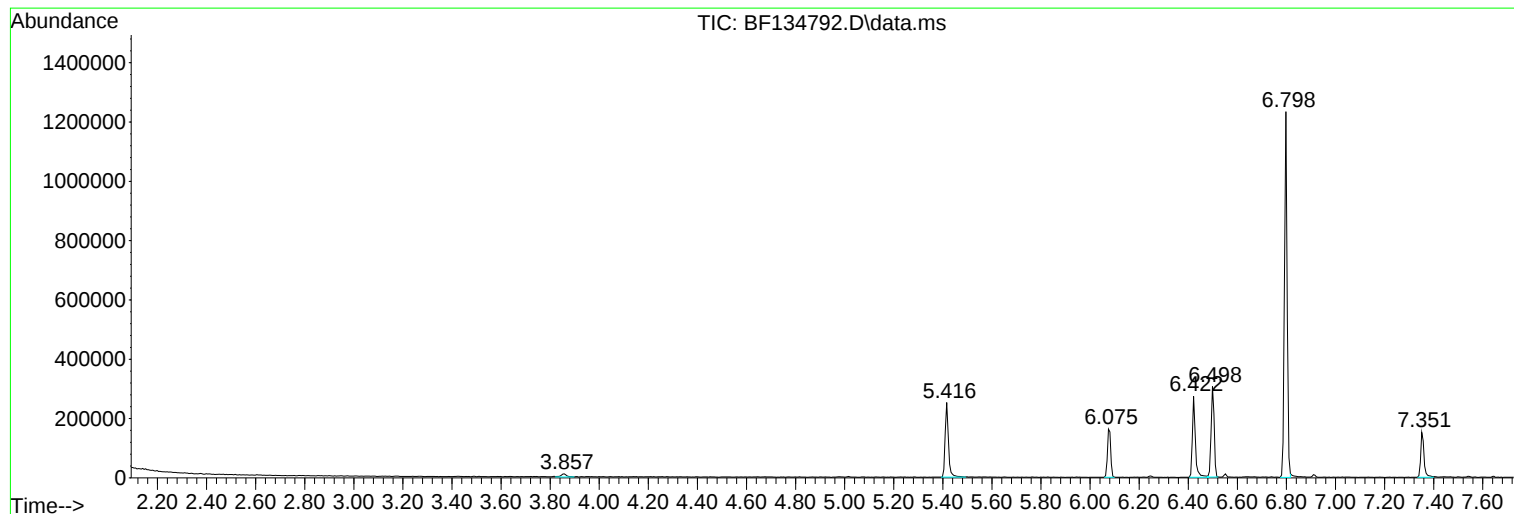
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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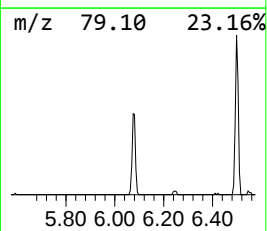
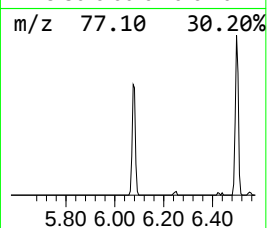
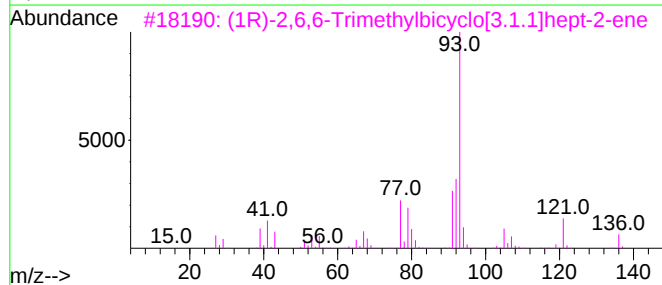
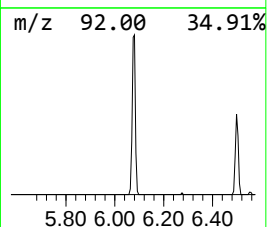
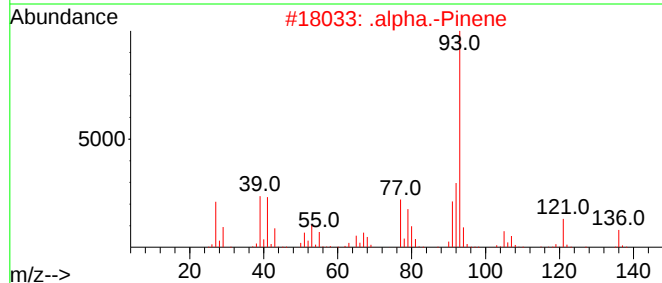
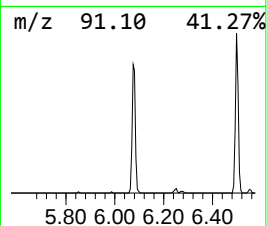
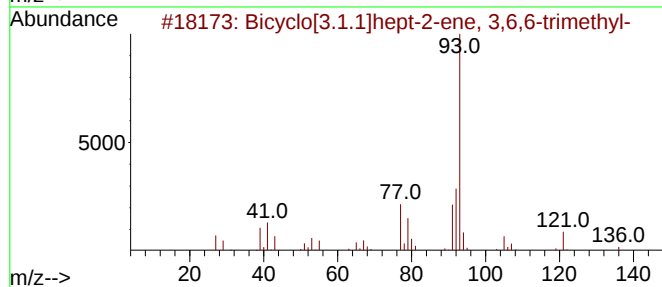
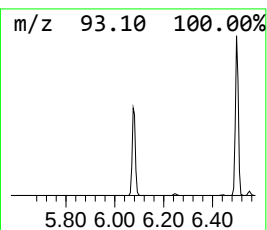
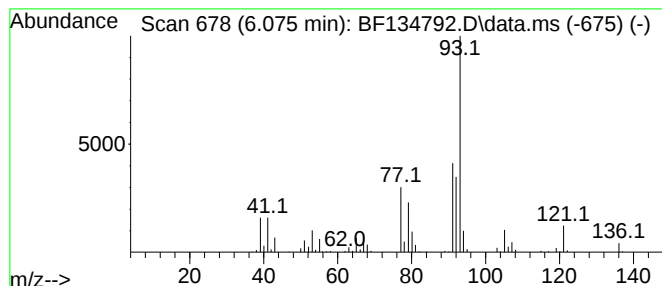
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Bicyclo[3.1.1]hept-2-ene, 3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	3.20 ng	149742	1,4-Dichlorobenzene-d4	6.798

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
2			.alpha.-Pinene	136	C10H16	000080-56-8	94
3			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5			(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	90



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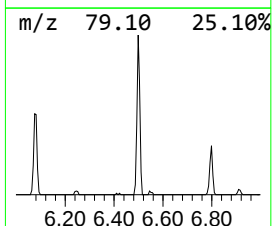
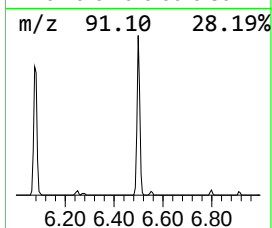
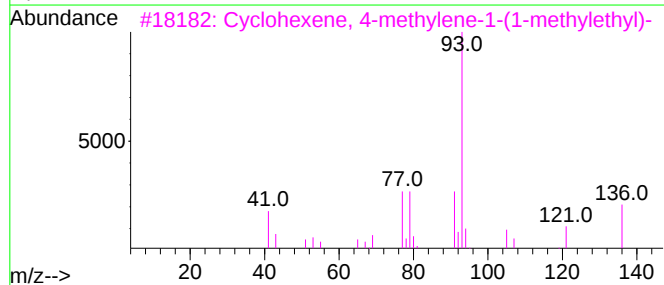
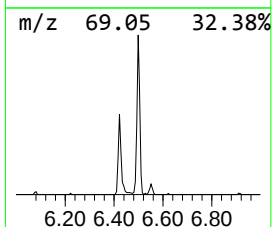
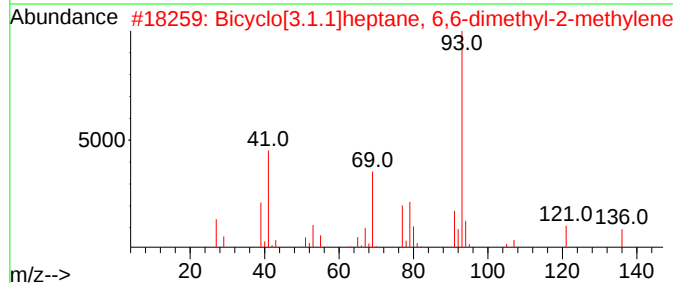
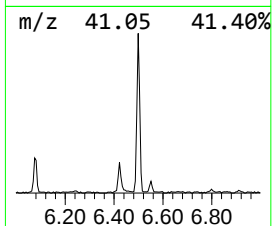
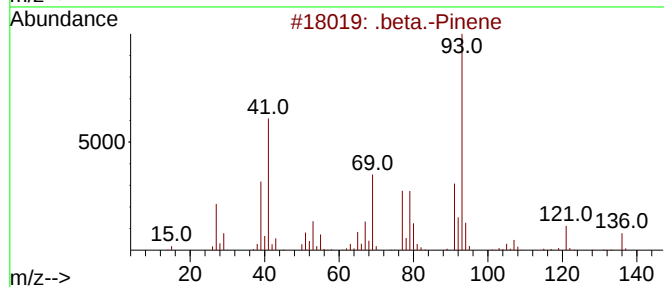
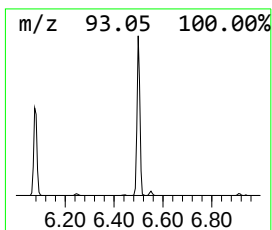
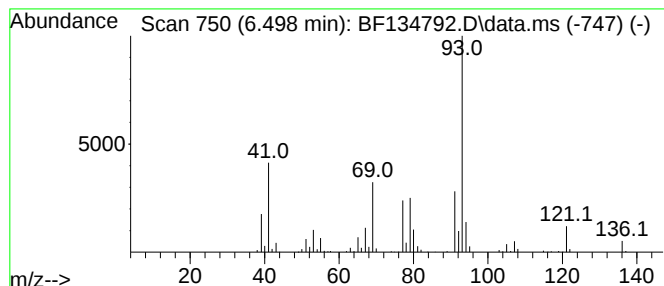
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Peak Number 2 .beta.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.498	5.39 ng	252014	1,4-Dichlorobenzene-d4	6.798

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		.beta.-Pinene	136	C10H16	000127-91-3	93
2		Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5		Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	87



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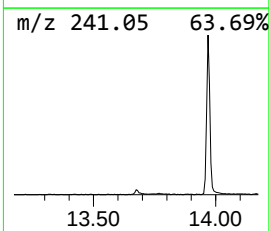
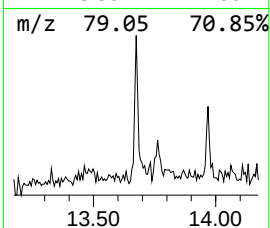
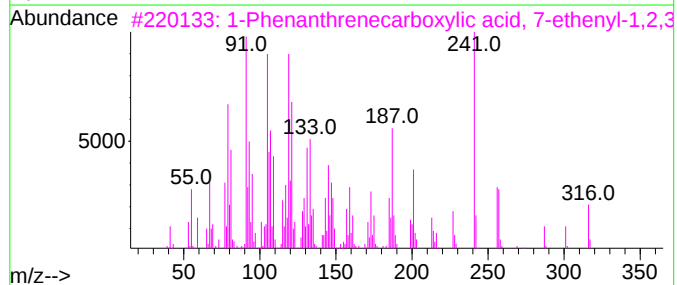
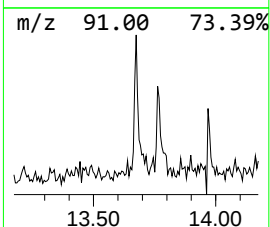
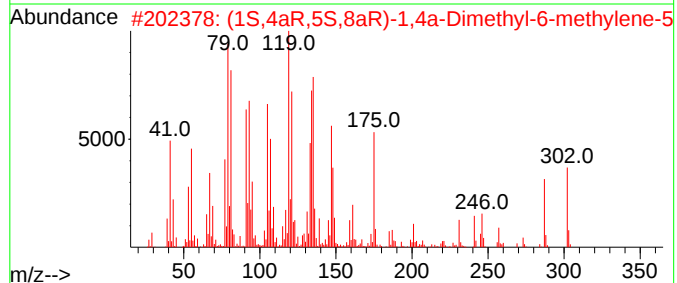
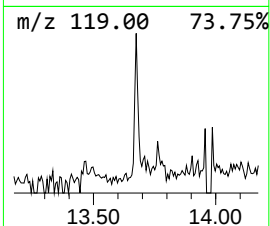
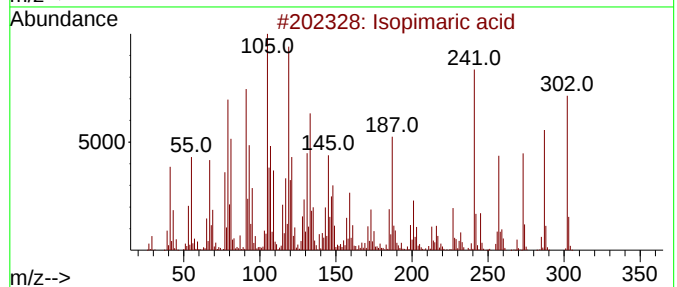
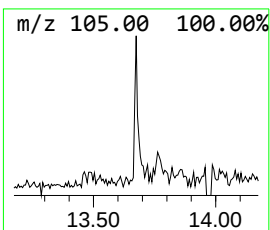
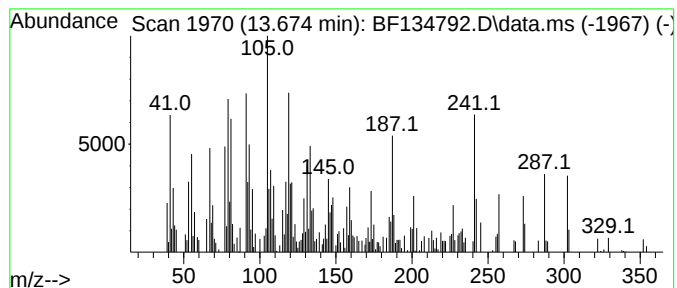
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Isopimaric acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.674	2.23 ng	108534	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopimaric acid	302	C20H30O2	005835-26-7	99
2			(1S,4aR,5S,8aR)-1,4a-Dimethyl-6-...	302	C20H30O2	002761-77-5	78
3			1-Phenanthrenecarboxylic acid, 7...	316	C21H32O2	001686-62-0	62
4			Kauren-19-oic acid	302	C20H30O2	006730-83-2	43
5			Methyl 10,12-pentacosadiynoate	388	C26H44O2	1000342-58-7	38



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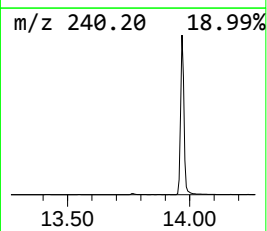
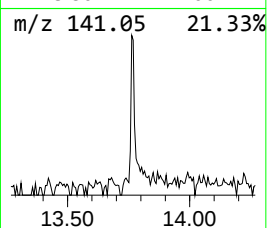
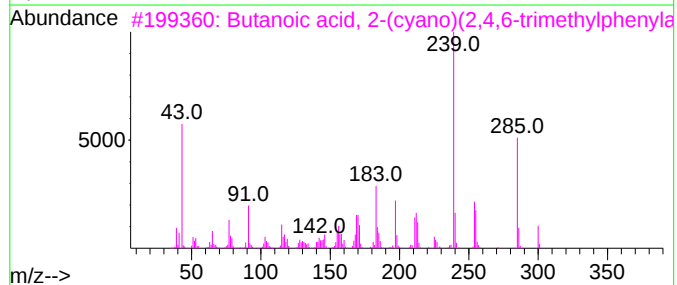
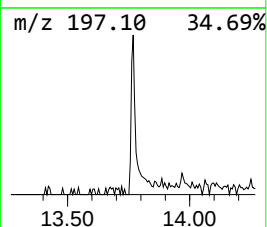
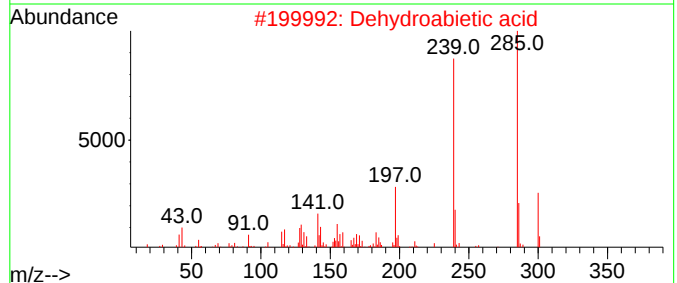
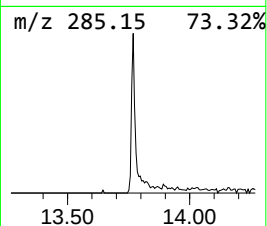
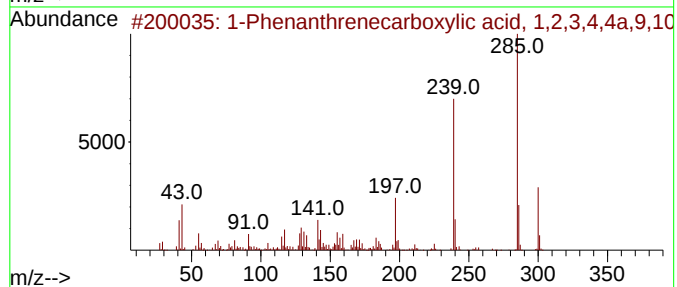
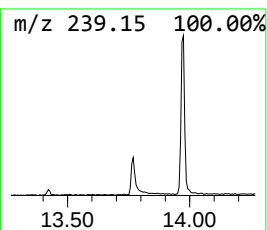
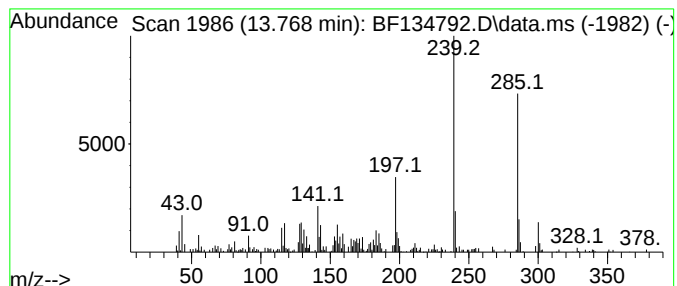
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Peak Number 4 1-Phenanthrenecarboxylic ac... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.768	2.53 ng	123012	Chrysene-d12	13.968

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	99
2			Dehydroabiatic acid	300	C20H28O2	001740-19-8	99
3			Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	80
4			Ethyl 4-hydroxy-6-(trifluorometh...	285	C13H10F3NO3	026893-12-9	70
5			Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3NO3	000391-02-6	62



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[3.1.1]h...	6.075	3.2	ng	149742	1	6.798	935501	20.0
.beta.-Pinene	6.498	5.4	ng	252014	1	6.798	935501	20.0
Isopimaric acid	13.674	2.2	ng	108534	5	13.968	972474	20.0
1-Phenanthrenec...	13.768	2.5	ng	123012	5	13.968	972474	20.0