

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
 Data File : BF143718.D
 Acq On : 11 Sep 2025 20:56
 Operator : RC/JU
 Sample : Q3077-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAW-25-0139

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-BF091025.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.422	712	719	722	rVV	500167	675475	1.71%	0.701%
2	6.498	728	732	738	rVB2	359946	487571	1.23%	0.506%
3	6.722	765	770	775	rBV	800963	995783	2.51%	1.033%
4	7.434	885	891	896	rBV3	229274	514835	1.30%	0.534%
5	7.498	896	902	905	rVV	793635	1095437	2.77%	1.136%
6	7.710	930	938	945	rVB2	601824	1245404	3.15%	1.292%
7	7.804	946	954	955	rBV4	509694	983403	2.48%	1.020%
8	7.828	955	958	961	rVB2	418144	480529	1.21%	0.498%
9	7.869	961	965	968	rBV3	650902	988257	2.50%	1.025%
10	7.939	973	977	980	rBV	761795	991788	2.50%	1.029%
11	7.981	980	984	988	rVV2	771294	1014906	2.56%	1.053%
12	8.092	1000	1003	1006	rBV	364814	483098	1.22%	0.501%
13	8.186	1013	1019	1032	rBV	2561648	11522486	29.10%	11.952%
14	8.539	1068	1079	1083	rBV6	1523783	5780724	14.60%	5.996%
15	8.839	1117	1130	1136	rBV	4105662	17366535	43.86%	18.014%
16	9.398	1213	1225	1247	rVB	2658250	12183154	30.77%	12.637%
17	10.727	1429	1451	1454	rBV4	6151776	39599019	100.00%	41.074%

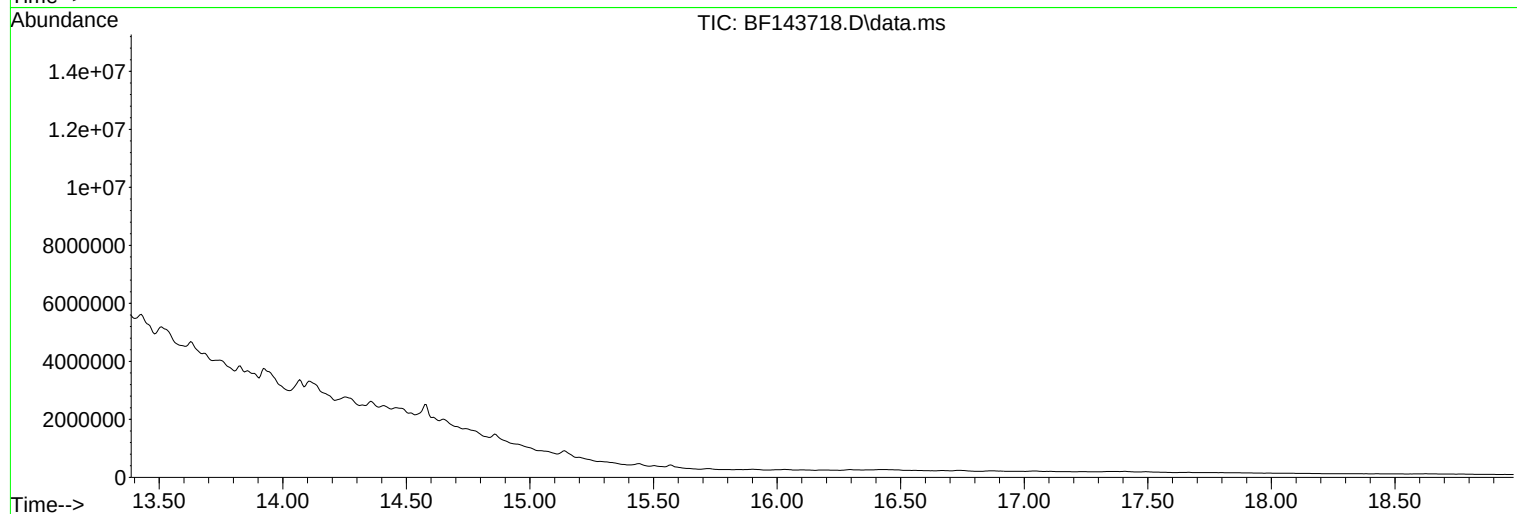
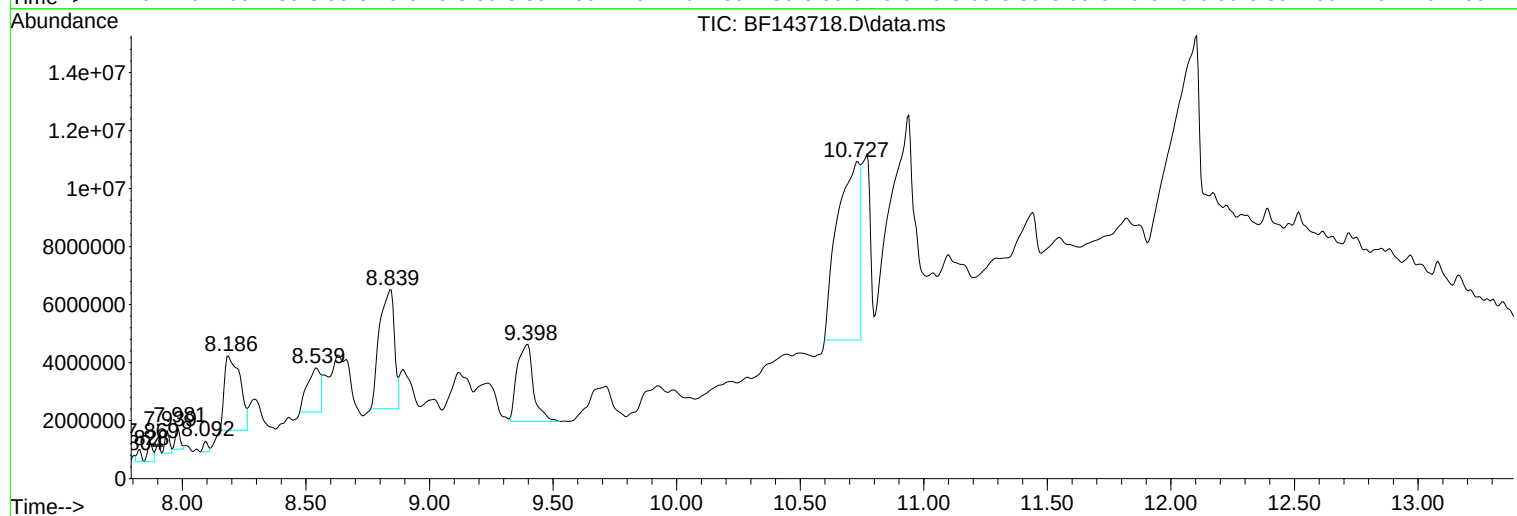
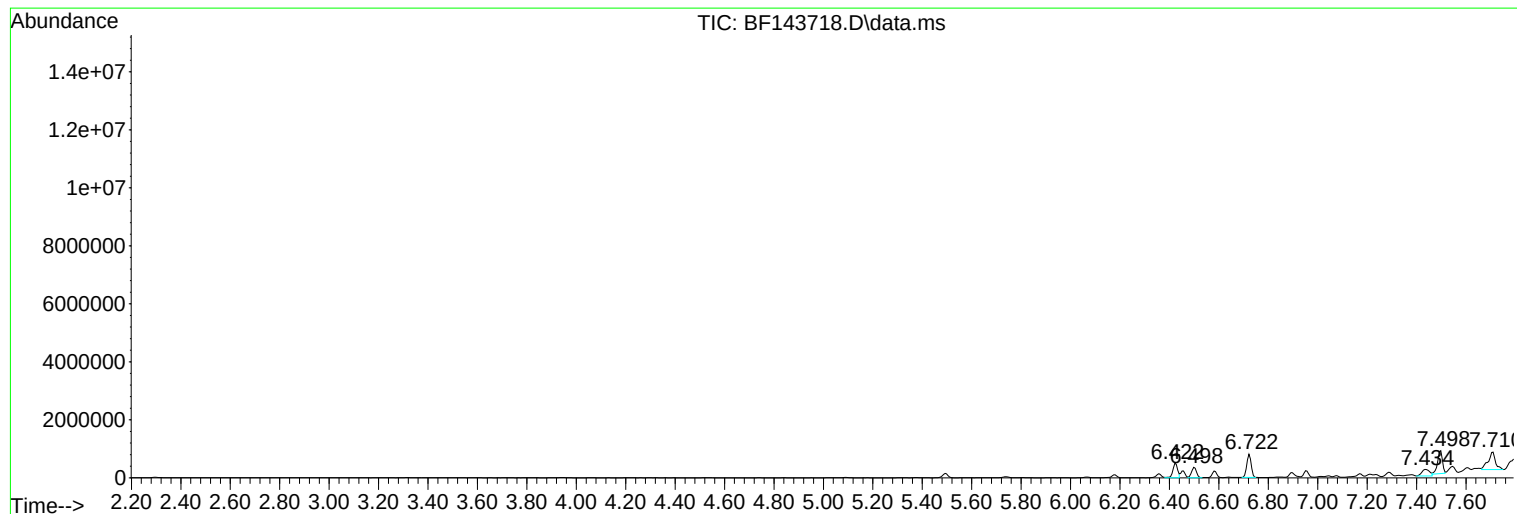
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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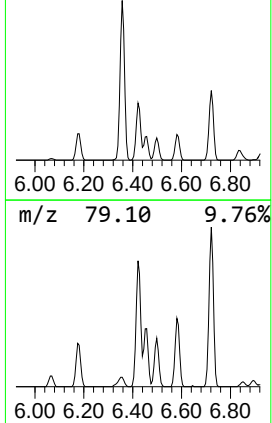
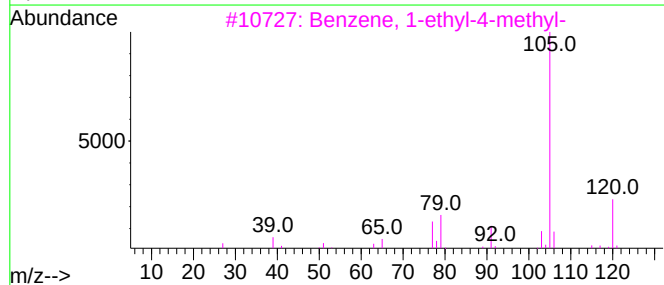
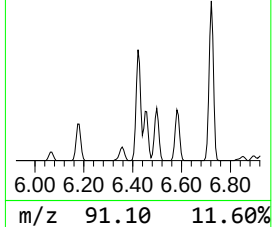
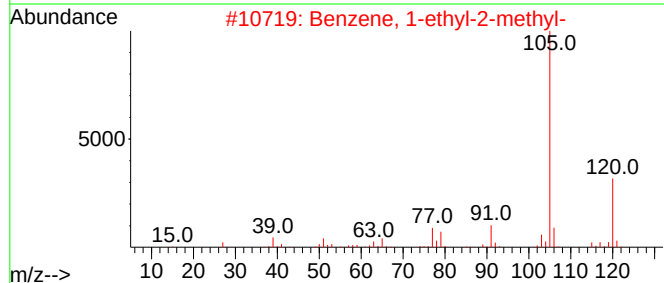
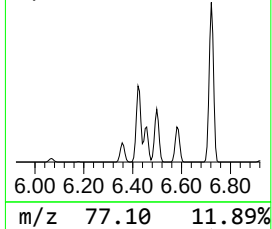
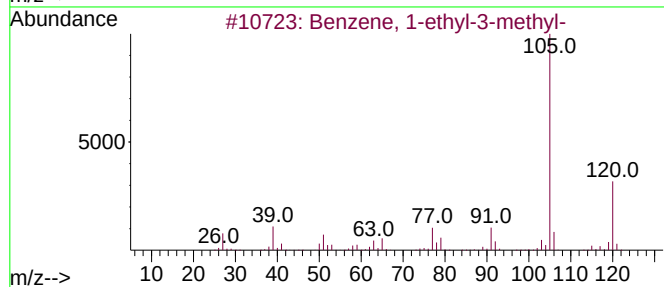
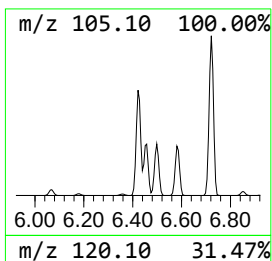
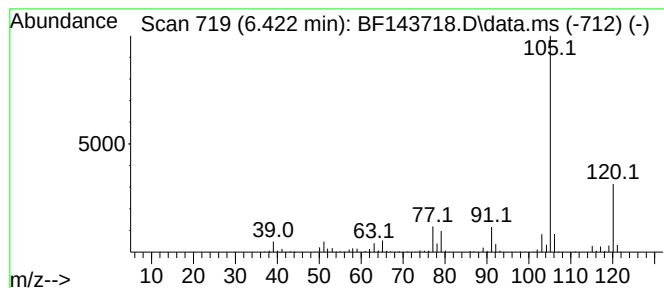
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
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Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.422	13.57 ng	675475	1,4-Dichlorobenzene-d4	6.892

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



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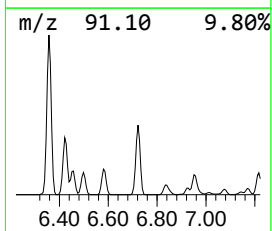
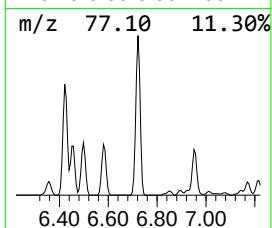
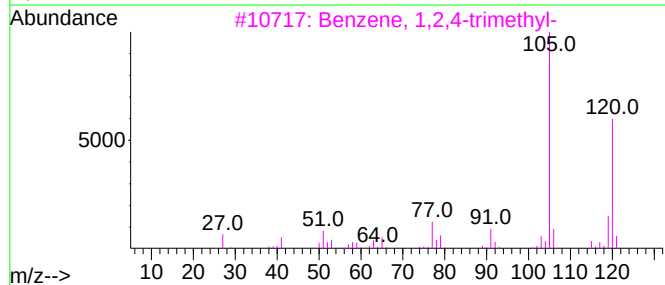
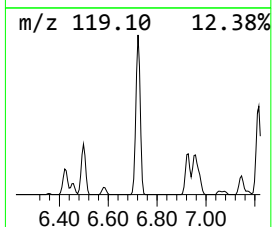
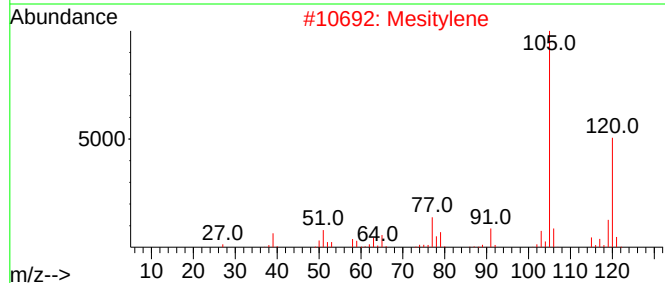
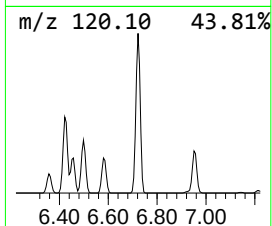
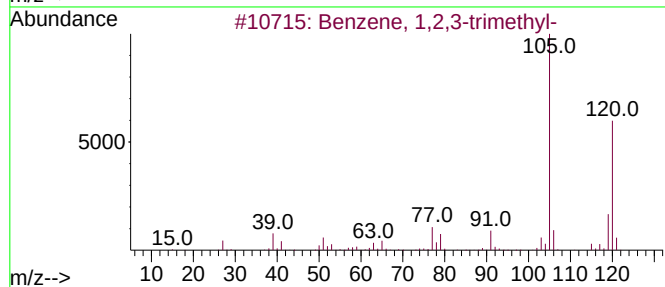
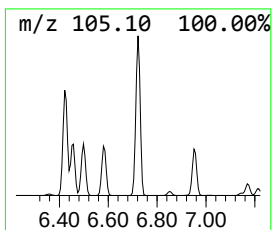
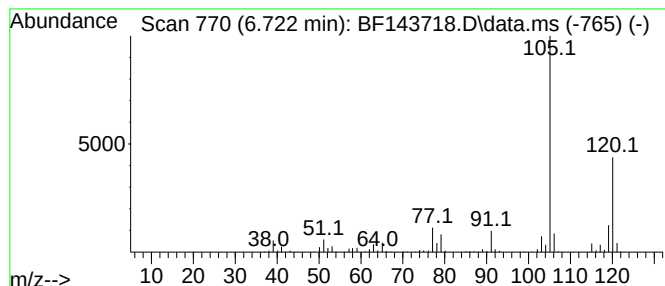
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	20.00 ng	995783	1,4-Dichlorobenzene-d4	6.892

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Mesitylene	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90



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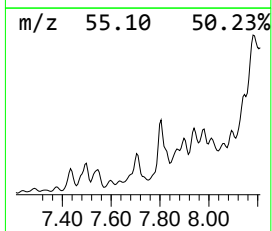
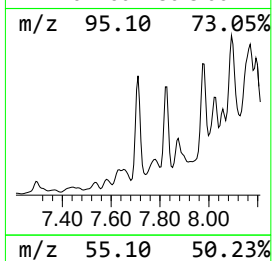
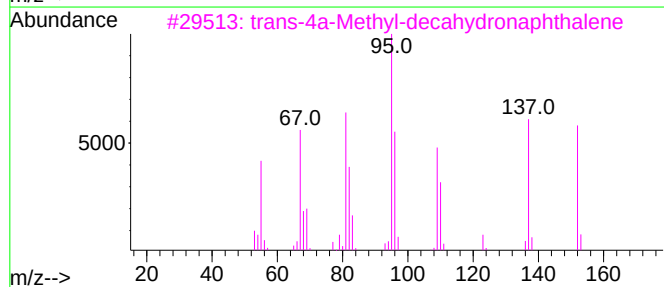
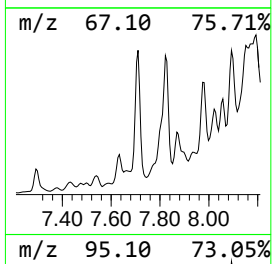
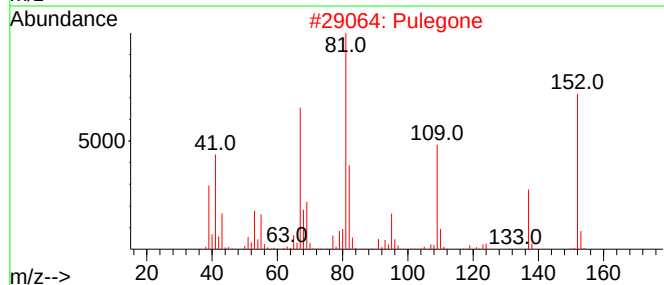
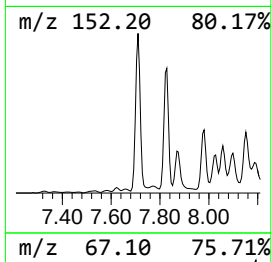
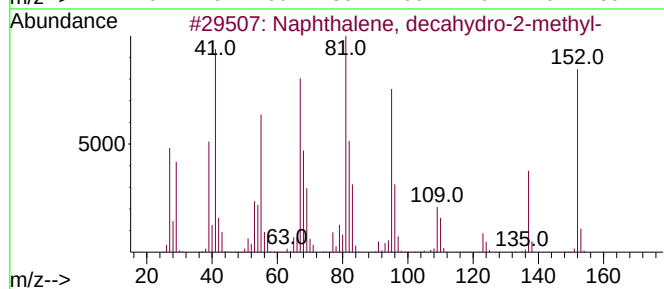
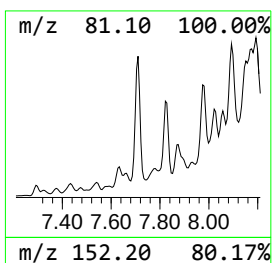
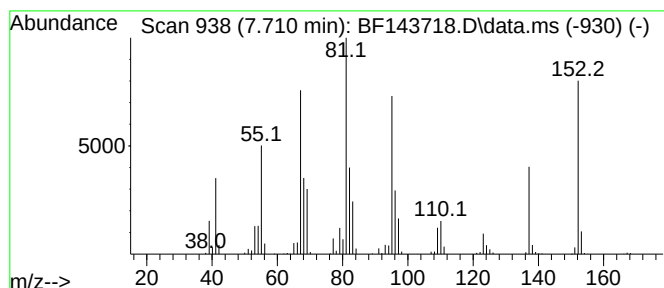
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Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.710	2.16 ng	1245400	Naphthalene-d8	8.186

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	94
2		Pulegone	152	C10H16O	000089-82-7	83
3		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	81
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	74
5		(+)-Dihydrocarvone	152	C10H16O	005524-05-0	64



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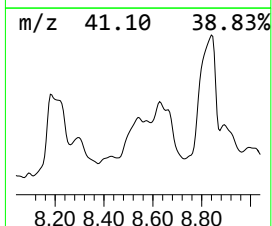
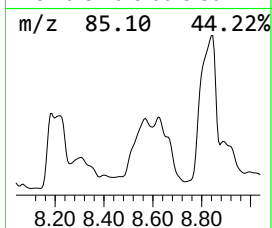
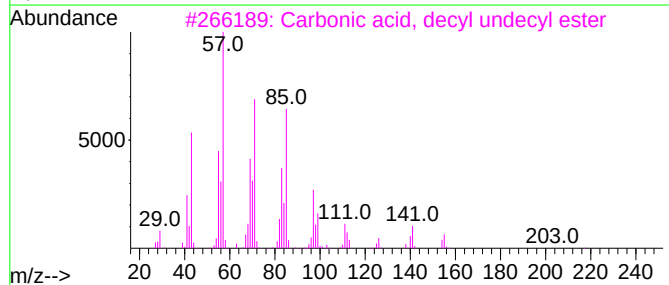
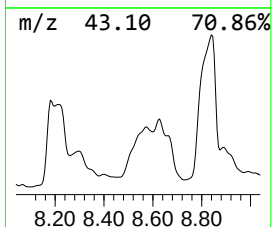
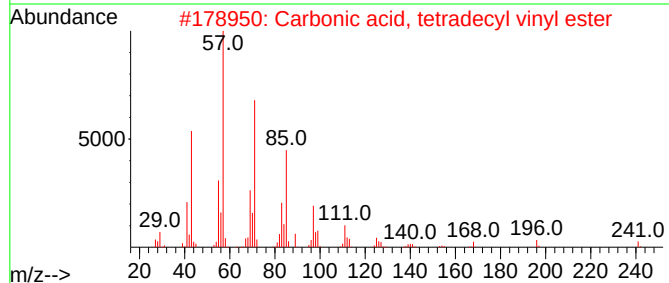
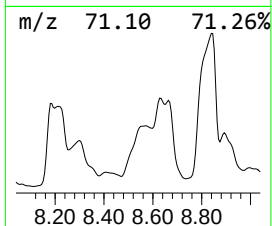
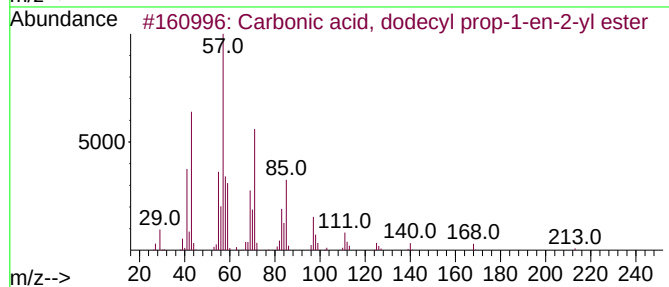
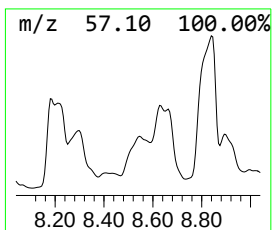
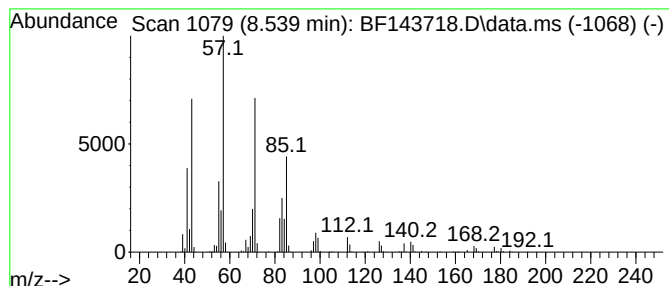
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Peak Number 4 Carbonic acid, dodecyl prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	10.03 ng	5780720	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, dodecyl prop-1-en...	270	C16H30O3	1000382-90-7	90
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	86
3			Carbonic acid, decyl undecyl ester	356	C22H44O3	1000383-16-0	86
4			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	83
5			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	80



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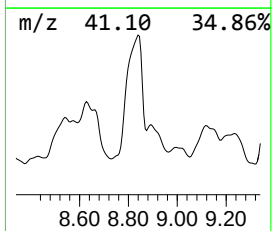
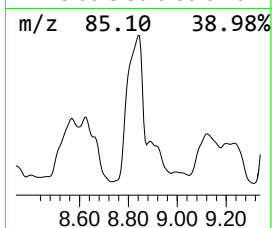
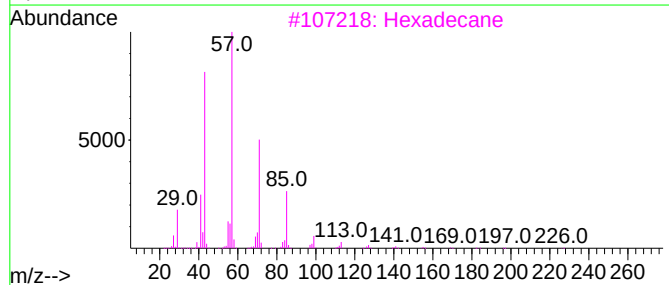
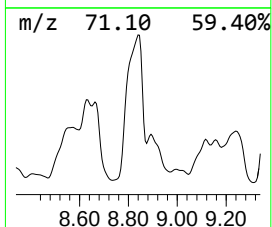
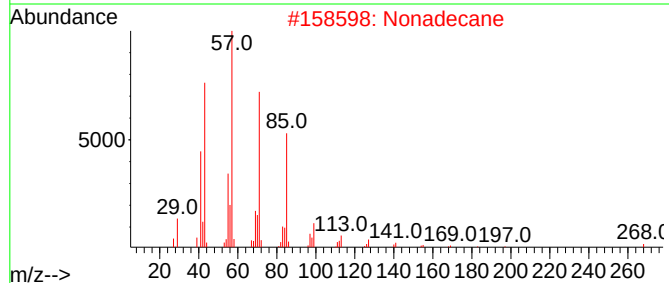
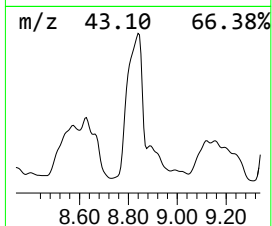
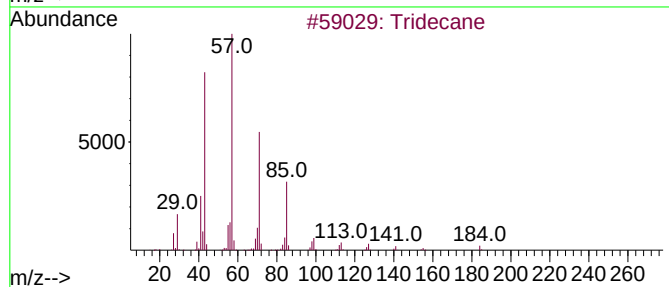
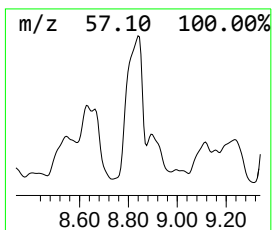
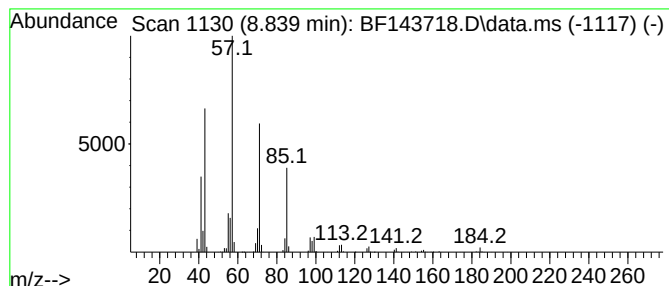
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Peak Number 5 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.839	30.14 ng	17366500	Naphthalene-d8	8.186

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	93
2			Nonadecane	268	C19H40	000629-92-5	90
3			Hexadecane	226	C16H34	000544-76-3	83
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	80
5			Dodecane	170	C12H26	000112-40-3	72



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethy...	6.422	13.6	ng	675475	1	6.892	995783	20.0
Benzene, 1,2,3-...	6.722	20.0	ng	995783	1	6.892	995783	20.0
Naphthalene, de...	7.710	2.2	ng	1245400	2	8.186	11522500	20.0
Carbonic acid, ...	8.539	10.0	ng	5780720	2	8.186	11522500	20.0
Tridecane	8.839	30.1	ng	17366500	2	8.186	11522500	20.0