

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122021\
 Data File : BM033546.D
 Acq On : 20 Dec 2021 18:44
 Operator : CG/JU
 Sample : M5165-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXCAVATION-INFLUENT

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_M\Methods\8270-BM121621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033546.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.307	6	12	26	rVB	728220	910289	3.30%	2.374%
2	4.625	227	236	241	rBV	17559186	27589606	100.00%	71.942%
3	5.484	373	382	393	rBV	243025	367677	1.33%	0.959%
4	7.060	643	650	653	rBV2	226526	415955	1.51%	1.085%
5	7.137	658	663	669	rVB	442658	689608	2.50%	1.798%
6	7.301	685	691	698	rBV	195461	331323	1.20%	0.864%
7	7.531	723	730	737	rVB	176721	277122	1.00%	0.723%
8	8.031	810	815	823	rVB2	514547	877325	3.18%	2.288%
9	8.554	899	904	910	rBV	250453	418692	1.52%	1.092%
10	9.095	989	996	1001	rBV	362903	673937	2.44%	1.757%
11	10.730	1263	1274	1279	rBV	163699	327106	1.19%	0.853%
12	13.189	1684	1692	1701	rBV	883025	1299985	4.71%	3.390%
13	14.565	1916	1926	1935	rVB	238076	363469	1.32%	0.948%
14	16.059	2172	2180	2193	rBV	632182	928568	3.37%	2.421%
15	17.312	2387	2393	2400	rBV	258586	389600	1.41%	1.016%
16	19.936	2833	2839	2847	rVB	1363750	1684558	6.11%	4.393%
17	21.494	3099	3104	3110	rBV	290314	387323	1.40%	1.010%
18	23.900	3507	3513	3521	rVB	196446	417705	1.51%	1.089%

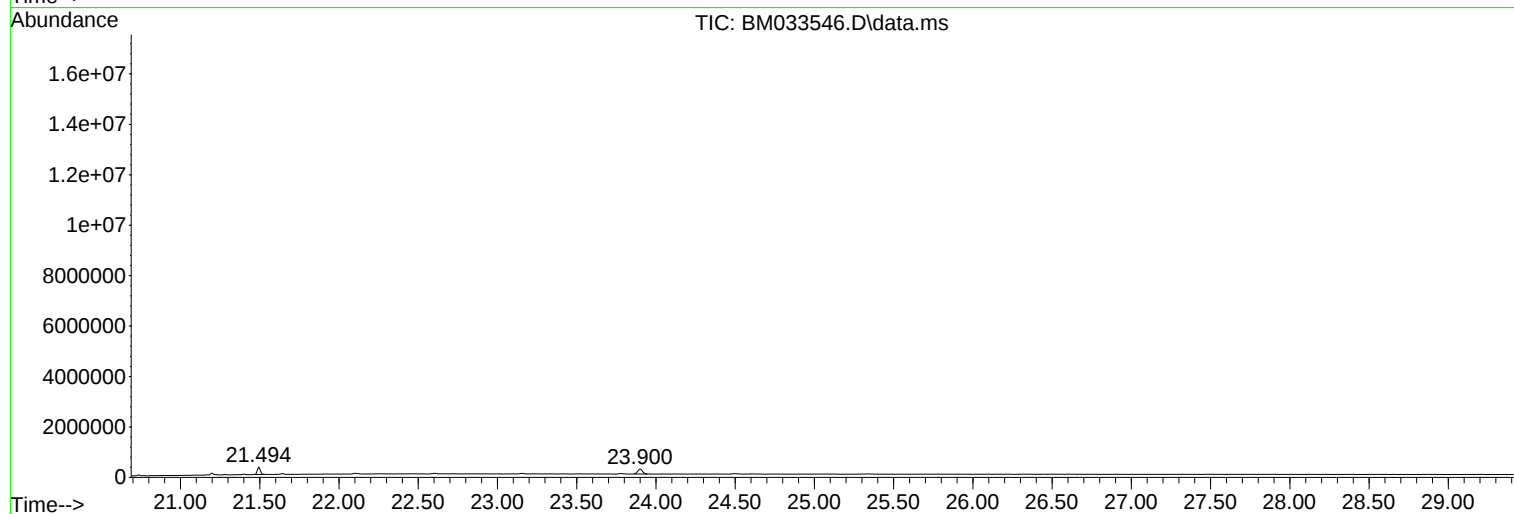
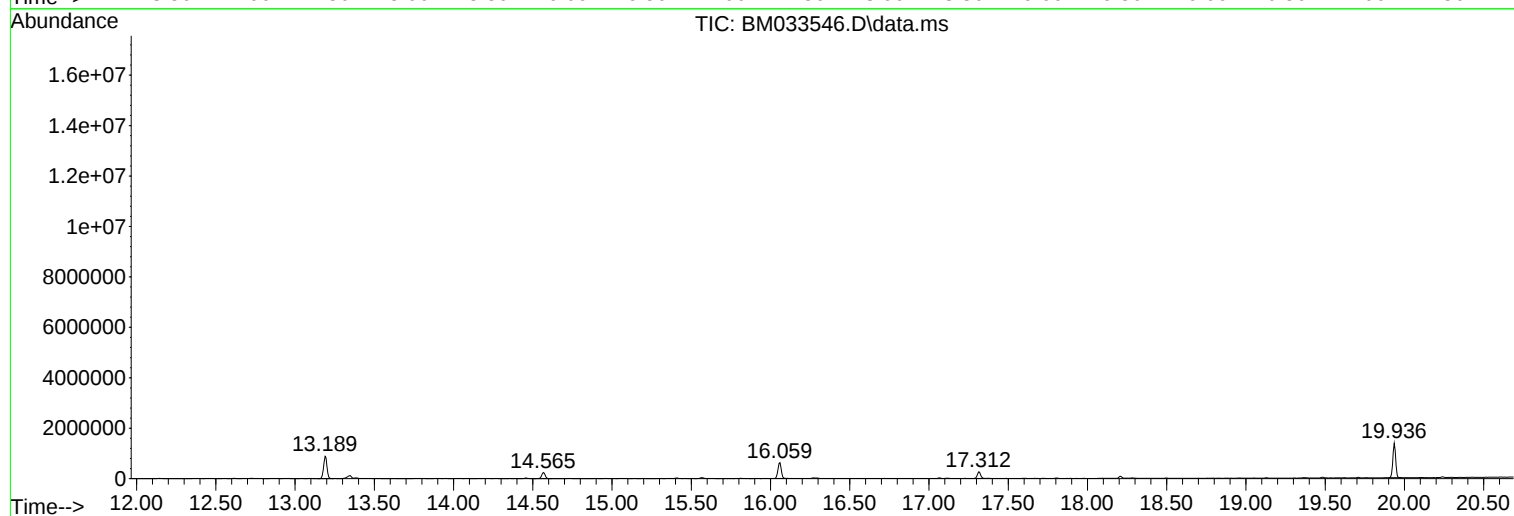
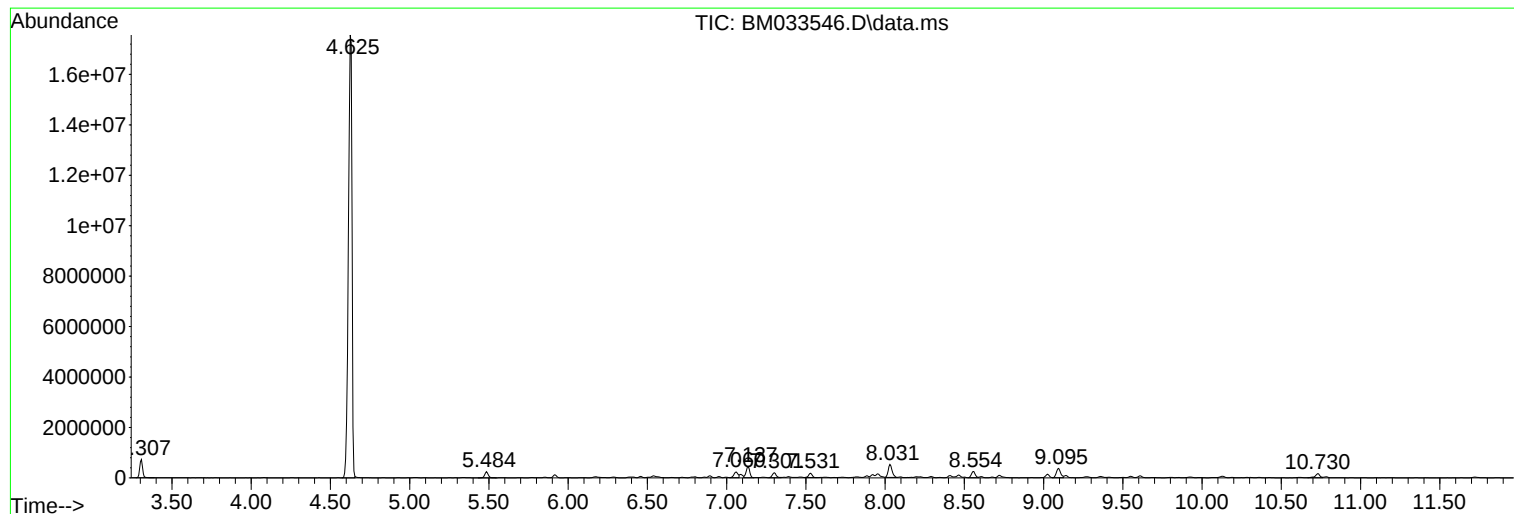
Sum of corrected areas: 38349848

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.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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Data File : BM033546.D
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Instrument :
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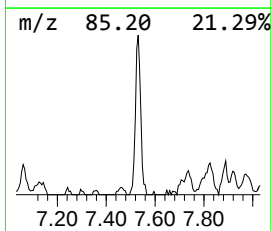
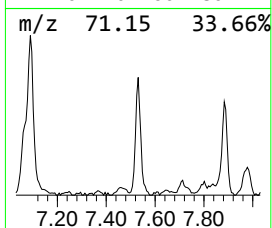
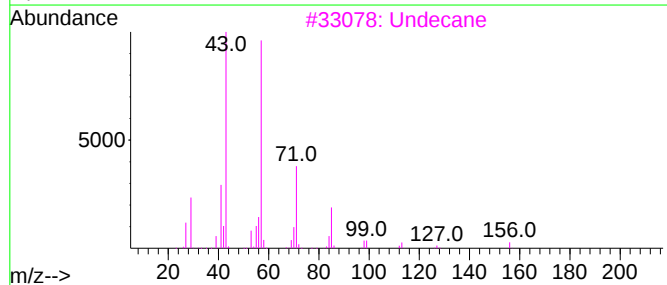
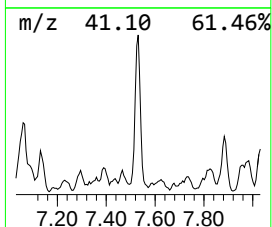
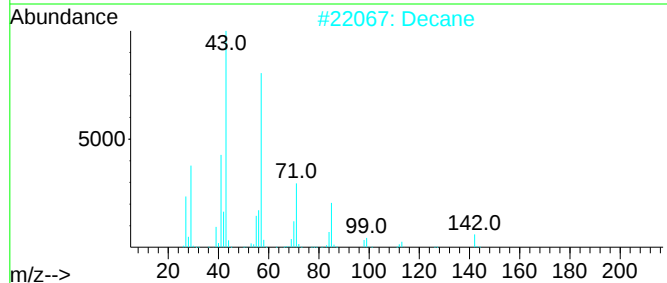
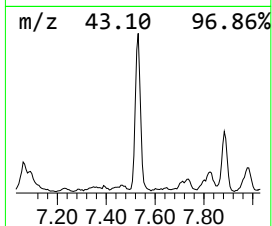
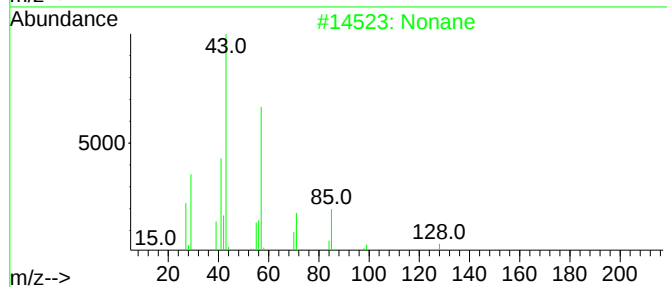
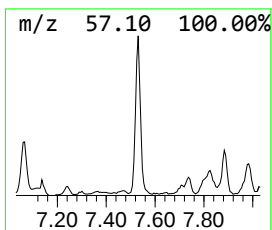
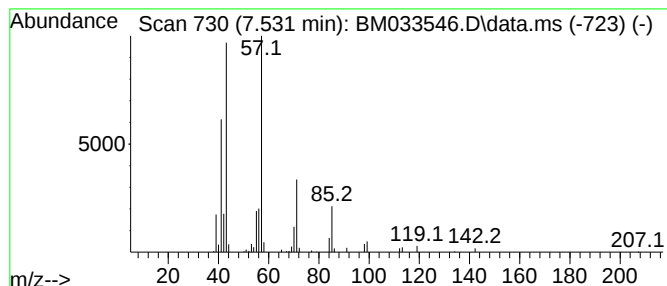
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Nonane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.531	6.32 ng	277122	1,4-Dichlorobenzene-d4	7.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane	128	C9H20	000111-84-2	90
2			Decane	142	C10H22	000124-18-5	90
3			Undecane	156	C11H24	001120-21-4	78
4			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	78
5			Hexatriacontane	507	C36H74	000630-06-8	72



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EXCAVATION-INFLUENT

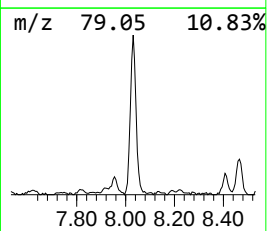
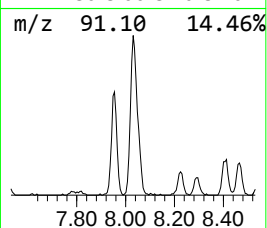
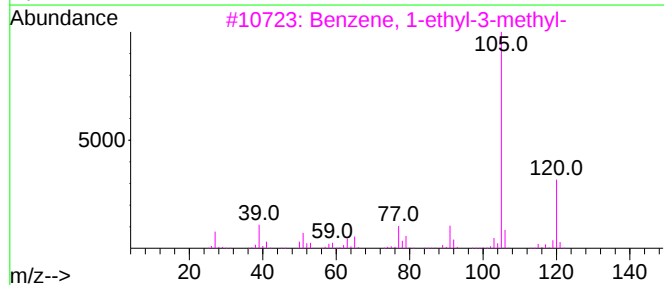
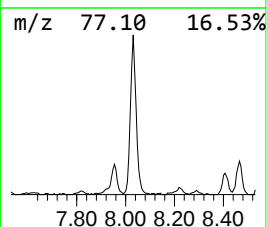
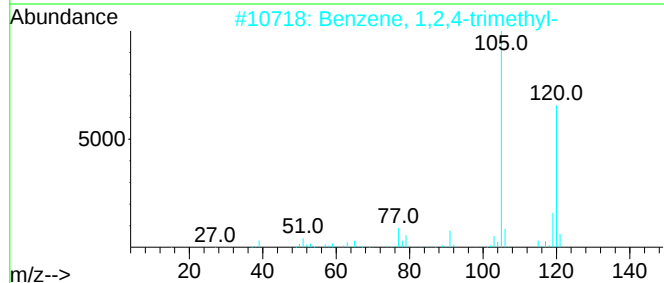
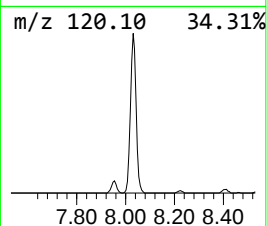
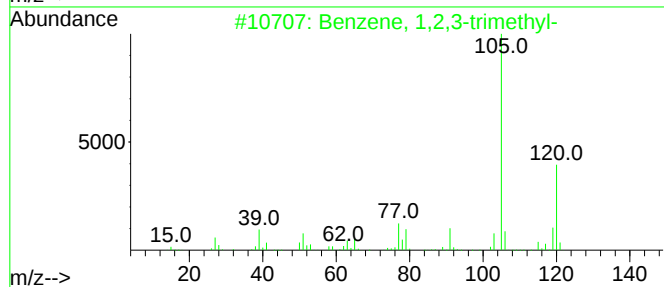
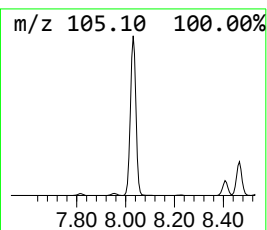
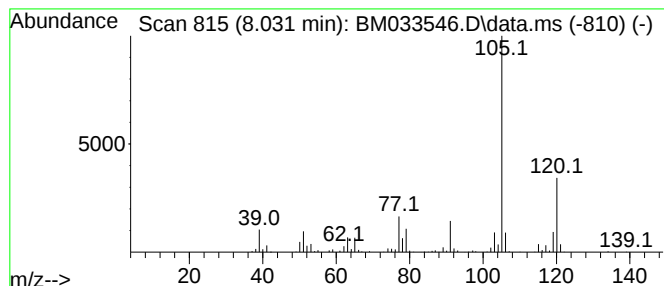
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.031	20.00 ng	877325	1,4-Dichlorobenzene-d4	7.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Mesitylene	120	C9H12	000108-67-8	91
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



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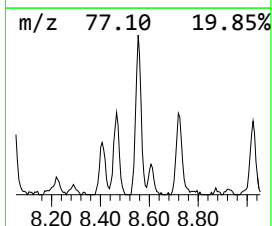
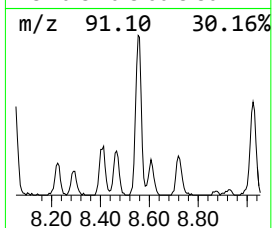
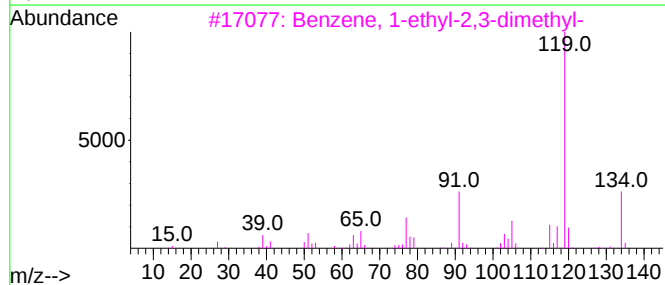
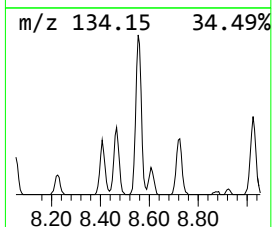
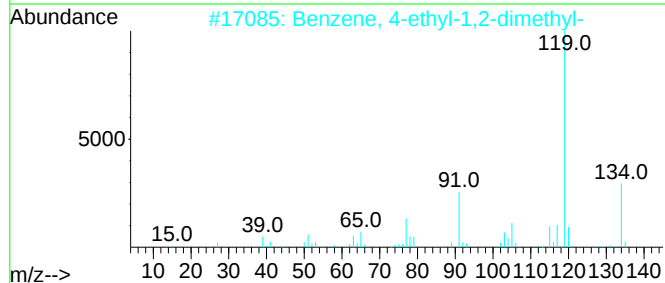
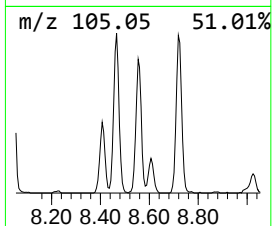
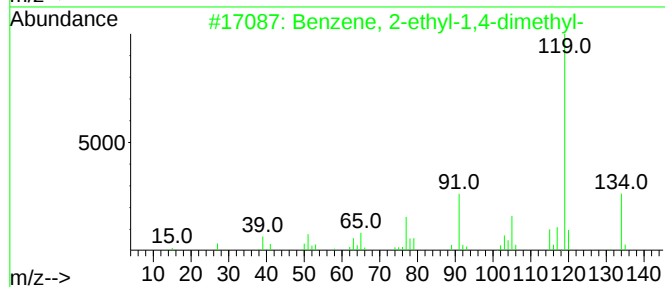
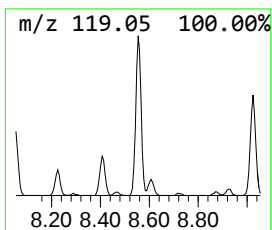
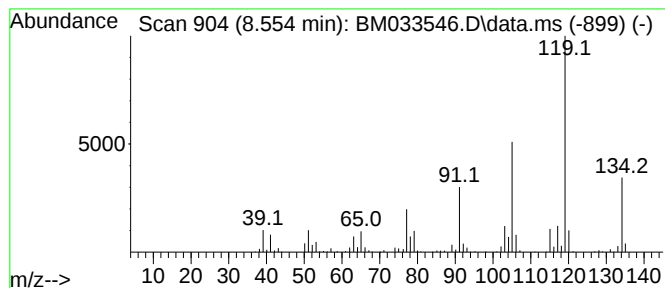
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Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.554	9.54 ng	418692	1,4-Dichlorobenzene-d4	7.919

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5			o-Cymene	134	C10H14	000527-84-4	93



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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Nonane	7.531	6.3	ng	277122	1	7.919	877325	20.0
Benzene, 1,2,3-...	8.031	20.0	ng	877325	1	7.919	877325	20.0
Benzene, 2-ethy...	8.554	9.5	ng	418692	1	7.919	877325	20.0