

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141356.D
 Acq On : 01 Feb 2025 02:17
 Operator : RC/JU
 Sample : Q1243-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-01302025

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-BF012925.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF141356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.998	485	494	506	rVB2	21684	39932	1.52%	0.212%
2	5.422	560	566	589	rBV	1892728	2623250	100.00%	13.899%
3	6.440	734	739	755	rVB	1805188	2524299	96.23%	13.375%
4	6.798	795	800	805	rBV	717751	869350	33.14%	4.606%
5	7.357	884	895	900	rBV	1268627	1637553	62.42%	8.676%
6	7.616	934	939	947	rVB	28822	42446	1.62%	0.225%
7	8.081	1012	1018	1025	rBV	849852	1060236	40.42%	5.618%
8	9.157	1195	1201	1211	rBV	1969155	2540039	96.83%	13.458%
9	9.833	1311	1316	1321	rBV	745028	914642	34.87%	4.846%
10	10.545	1432	1437	1445	rBV	101360	129060	4.92%	0.684%
11	10.622	1445	1450	1467	rVV	860960	1130352	43.09%	5.989%
12	11.322	1564	1569	1576	rBV	615149	819572	31.24%	4.342%
13	11.857	1652	1660	1670	rBV	183543	335289	12.78%	1.776%
14	12.533	1771	1775	1780	rBV	72861	91958	3.51%	0.487%
15	12.645	1789	1794	1799	rBV2	31981	68291	2.60%	0.362%
16	12.763	1810	1814	1820	rVB	67564	94731	3.61%	0.502%
17	12.910	1834	1839	1847	rVB	1781684	2265482	86.36%	12.003%
18	13.816	1989	1993	1998	rBV2	57520	107617	4.10%	0.570%
19	13.963	2013	2018	2028	rVB	669899	943893	35.98%	5.001%
20	15.421	2261	2266	2277	rVB	363896	635645	24.23%	3.368%

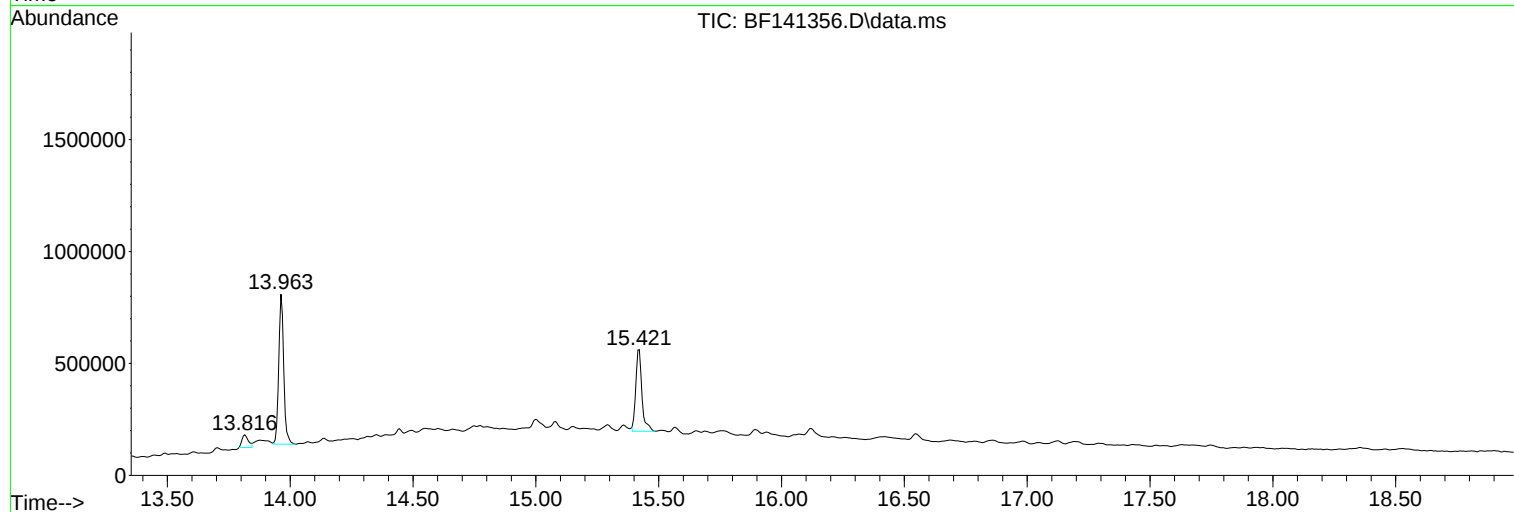
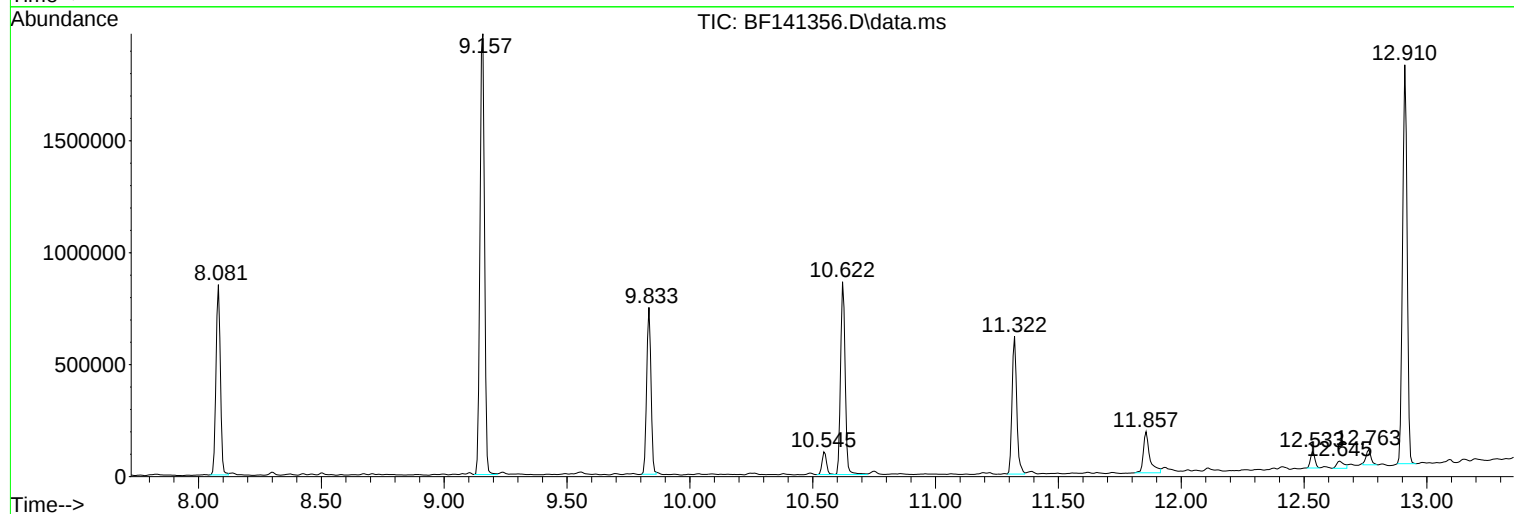
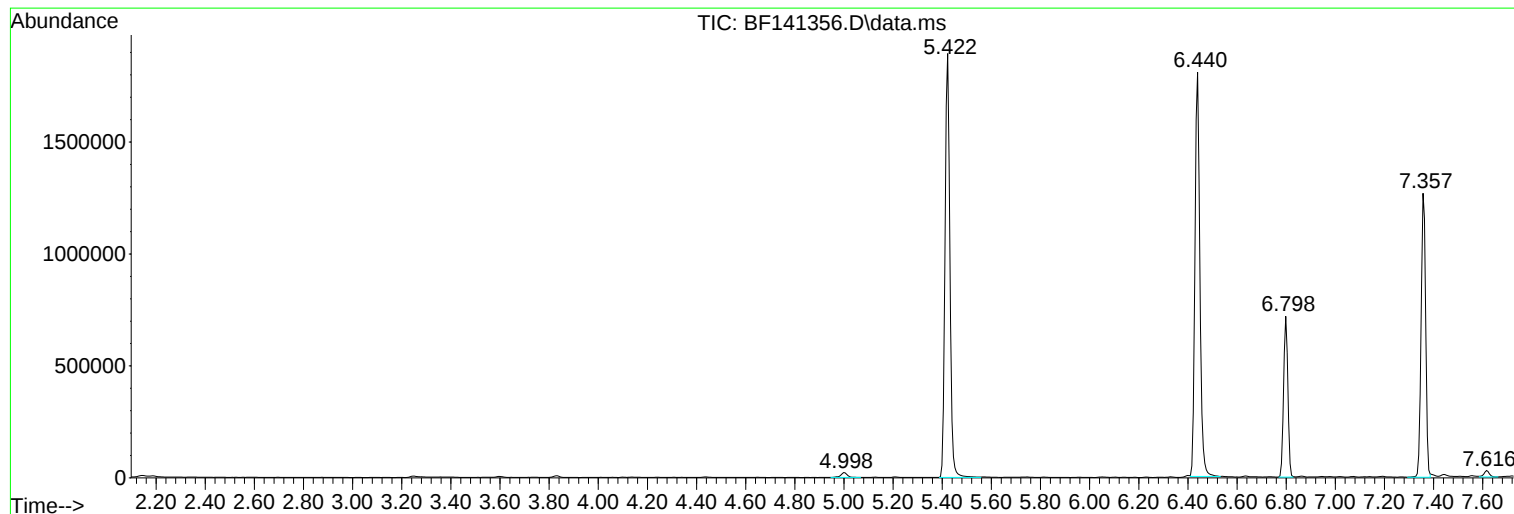
Sum of corrected areas: 18873637

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.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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Instrument :
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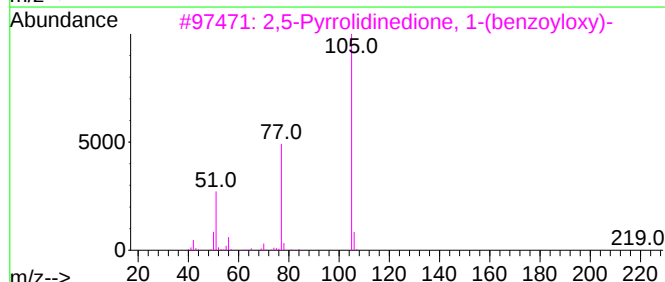
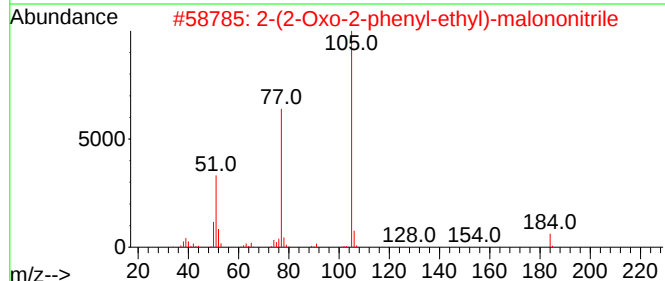
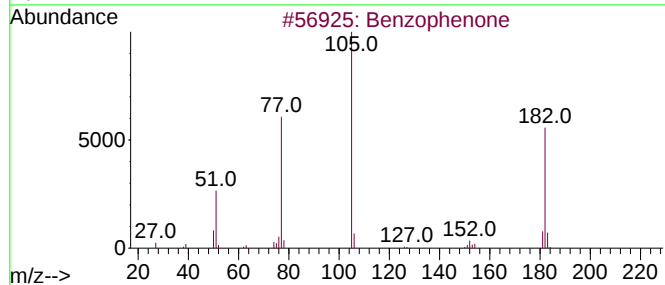
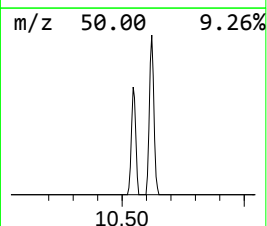
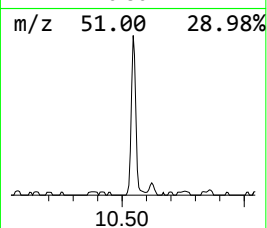
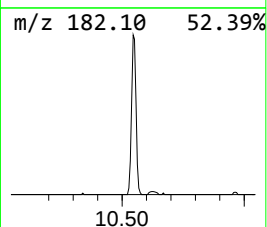
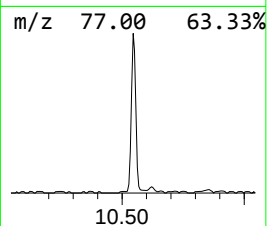
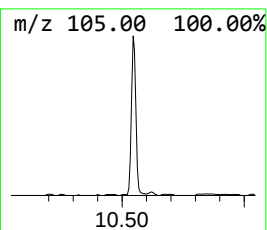
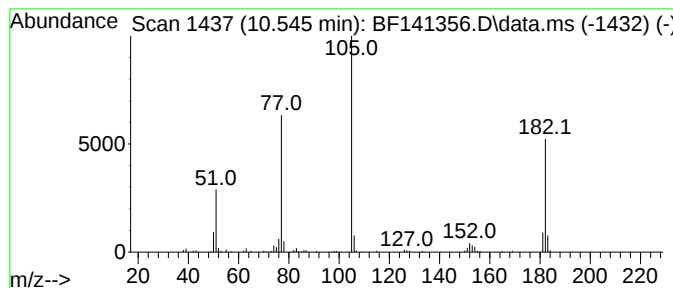
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	2.82 ng	129060	Acenaphthene-d10	9.833

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	53
3			2,5-Pyrrolidinedione, 1-(benzoyl...	219	C11H9NO4	023405-15-4	47
4			Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	47
5			1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	47



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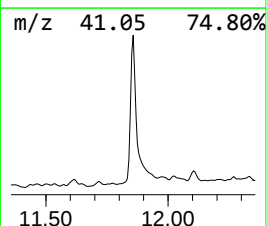
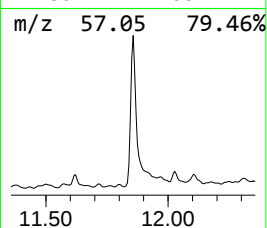
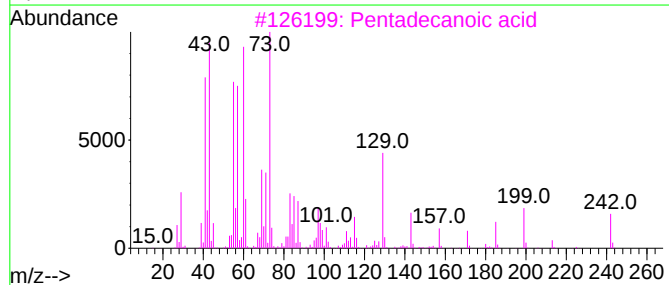
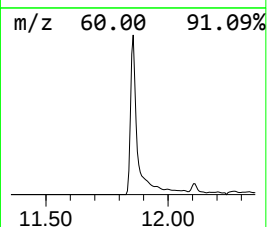
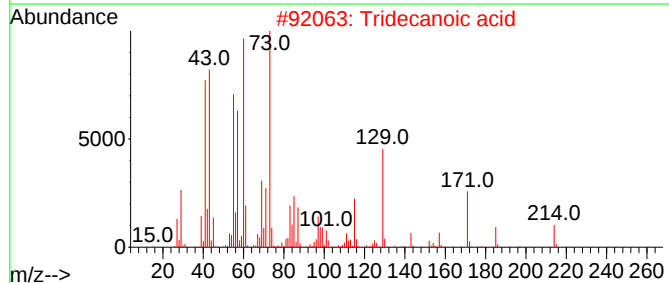
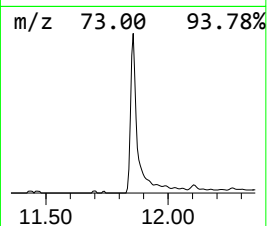
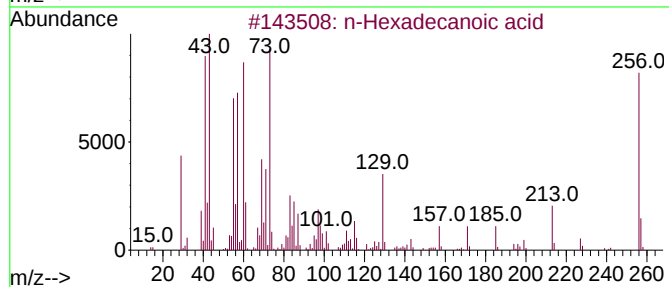
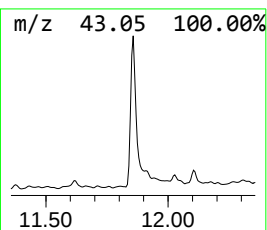
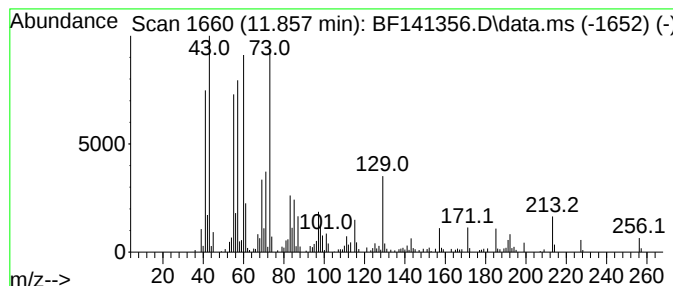
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	8.18 ng	335289	Phenanthrene-d10	11.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tridecanoic acid	214	C13H26O2	000638-53-9	94
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Dodecanoic acid	200	C12H24O2	000143-07-7	72
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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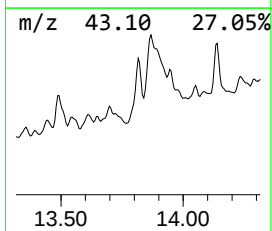
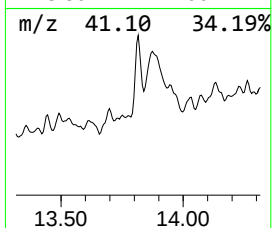
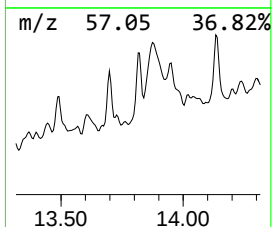
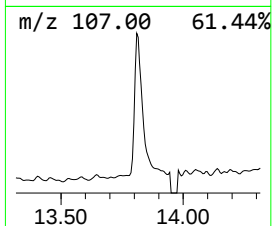
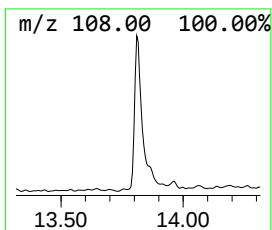
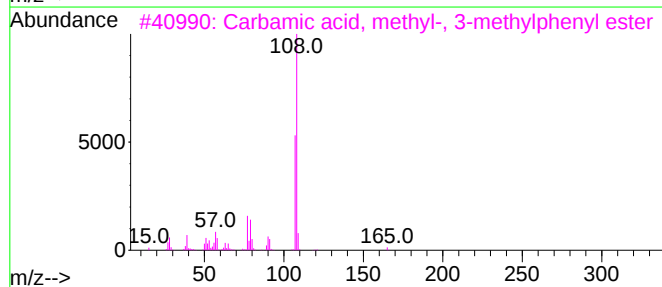
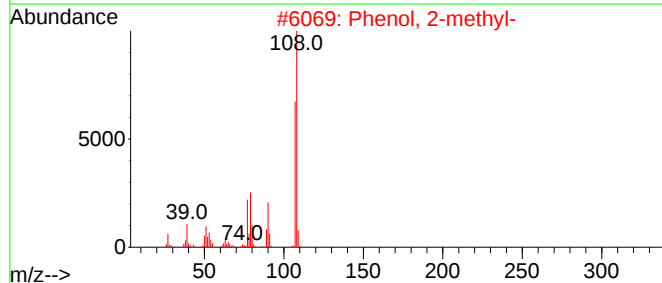
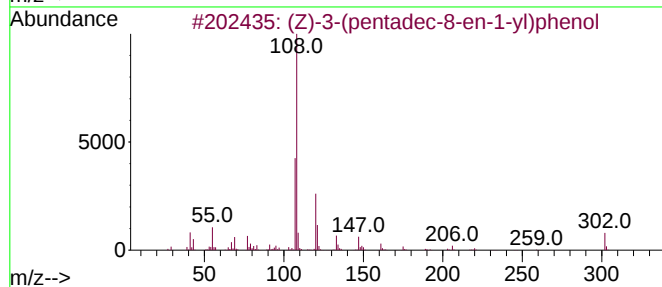
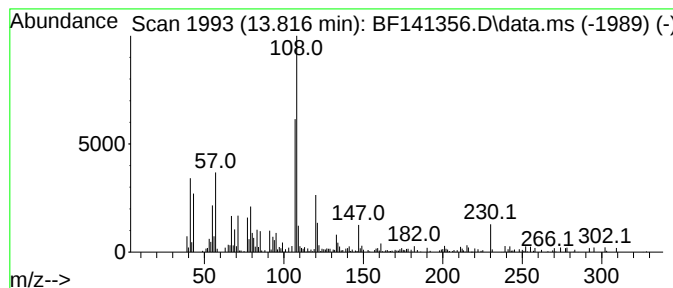
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 (Z)-3-(pentadec-8-en-1-yl)p... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.816	2.28 ng	107617	Chrysene-d12	13.963

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(Z)-3-(pentadec-8-en-1-yl)phenol	302	C21H34O	000501-26-8	90
2			Phenol, 2-methyl-	108	C7H8O	000095-48-7	58
3			Carbamic acid, methyl-, 3-methyl...	165	C9H11NO2	001129-41-5	53
4			Acetic acid, 4-methylphenyl ester	150	C9H10O2	000140-39-6	49
5			Benzofuran, 4,5,6,7-tetrahydro-3...	150	C10H14O	000494-90-6	46



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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
Benzophenone	10.545	2.8	ng	129060	3	9.833	914642	20.0
n-Hexadecanoic ...	11.857	8.2	ng	335289	4	11.322	819572	20.0
(Z)-3-(pentadec...	13.816	2.3	ng	107617	5	13.963	943893	20.0