

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093021\
 Data File : BF125737.D
 Acq On : 30 Sep 2021 17:08
 Operator : JU/CG
 Sample : M3986-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-RR-03-(SA)

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-BF092421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF125737.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.181	10	16	23	rVB	3565545	4741029	68.19%	11.769%
2	5.498	576	580	583	rBV	2268729	1945933	27.99%	4.831%
3	6.498	746	750	755	rBV	1404495	1151041	16.56%	2.857%
4	6.886	812	816	819	rBV	1514785	1238865	17.82%	3.075%
5	7.445	906	911	914	rBV	3543611	3519878	50.63%	8.738%
6	8.063	1013	1016	1029	rBV	122699	155871	2.24%	0.387%
7	8.169	1029	1034	1036	rBV	1884850	1743951	25.08%	4.329%
8	9.245	1211	1217	1220	rBV	7096599	6567703	94.46%	16.304%
9	9.921	1328	1332	1335	rBV	2461512	2017524	29.02%	5.008%
10	10.710	1461	1466	1469	rBV	4446520	4208496	60.53%	10.447%
11	10.798	1478	1481	1491	rVB	158677	167894	2.41%	0.417%
12	11.404	1580	1584	1588	rBV	2527378	2102388	30.24%	5.219%
13	11.927	1669	1673	1689	rBV3	397201	470225	6.76%	1.167%
14	12.715	1803	1807	1820	rBV	195152	249288	3.59%	0.619%
15	12.992	1849	1854	1857	rBV	6828250	6952588	100.00%	17.259%
16	13.892	2002	2007	2019	rBV4	46113	121136	1.74%	0.301%
17	14.039	2028	2032	2039	rVB	1847220	1623079	23.34%	4.029%
18	15.515	2278	2283	2288	rBV	1054920	1305925	18.78%	3.242%

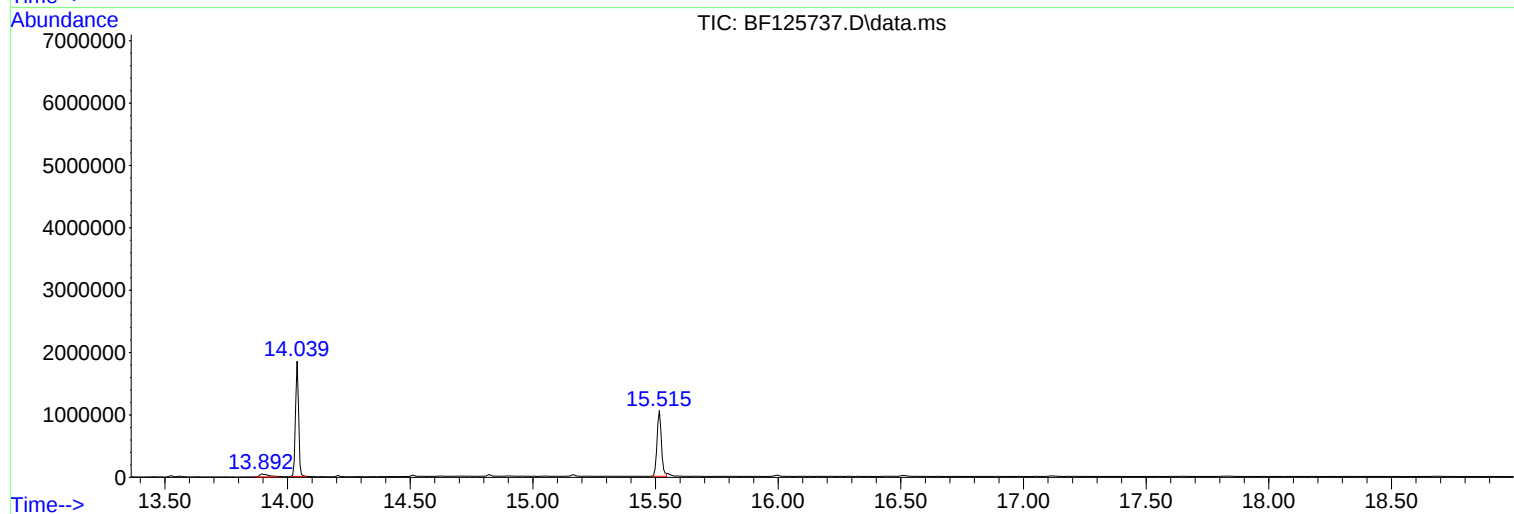
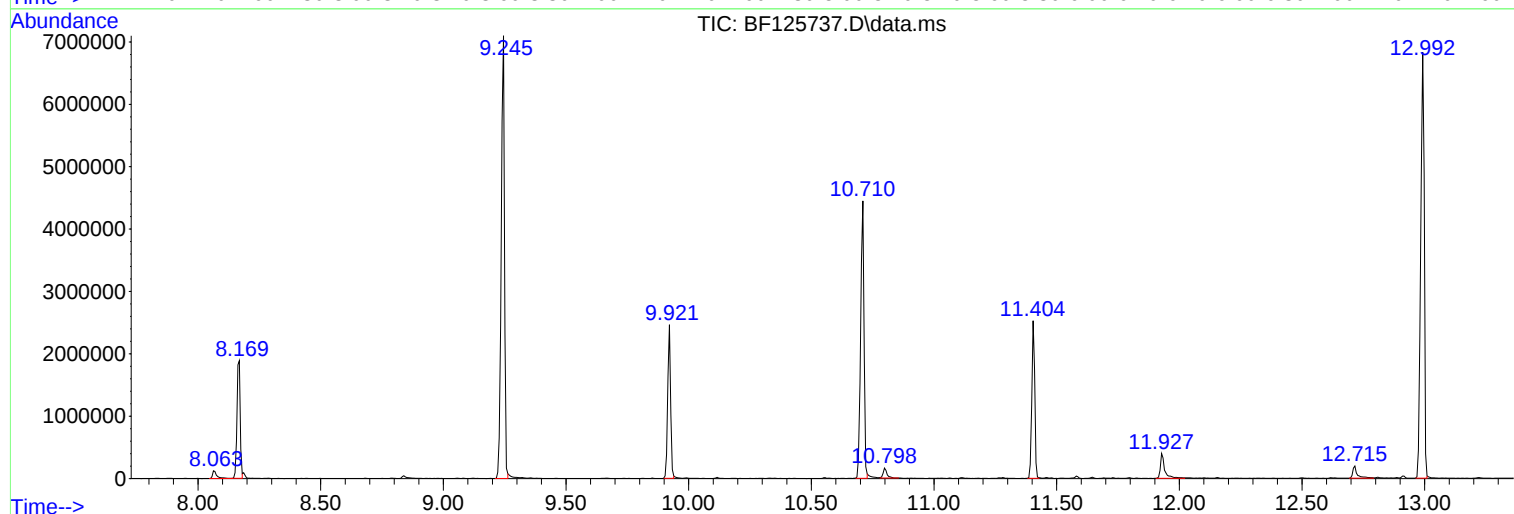
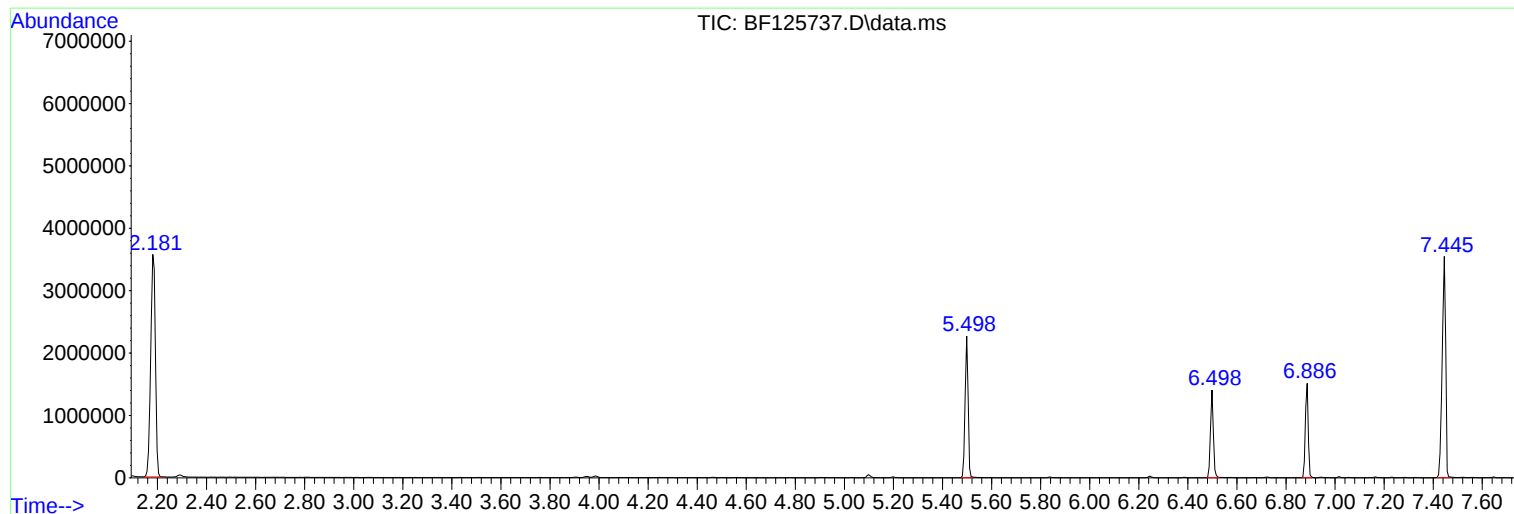
Sum of corrected areas: 40282814

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.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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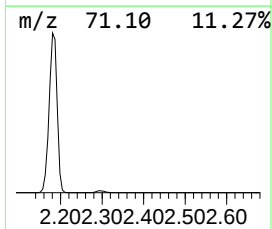
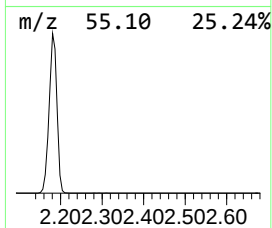
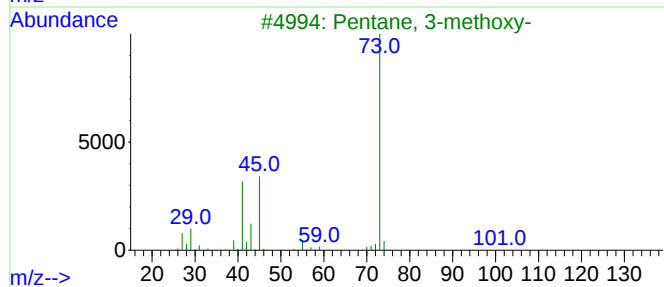
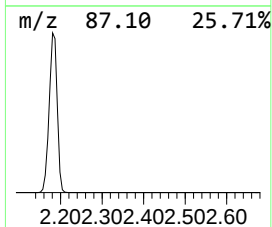
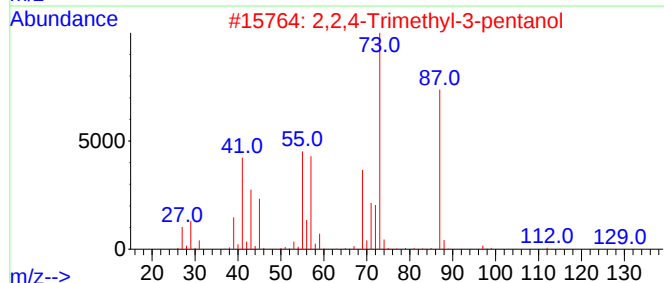
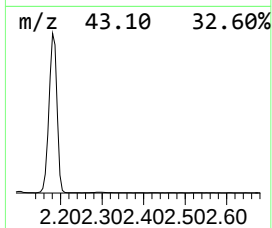
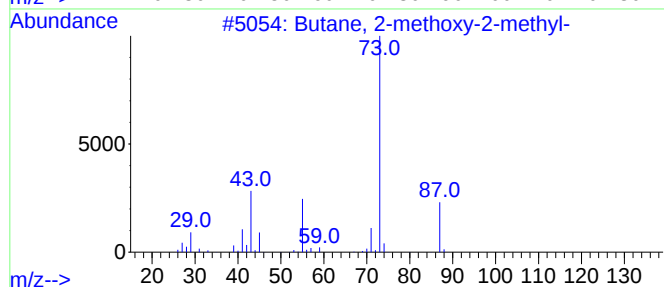
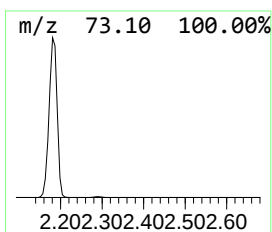
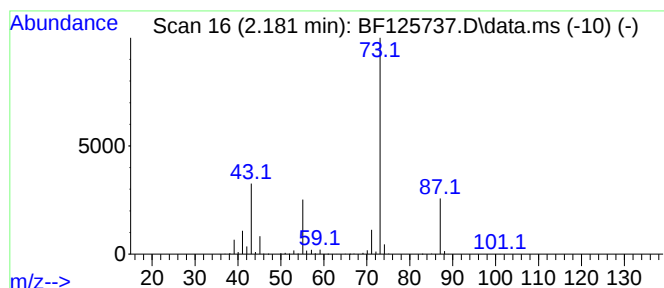
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.181	76.54 ng	4741030	1,4-Dichlorobenzene-d4	6.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4			Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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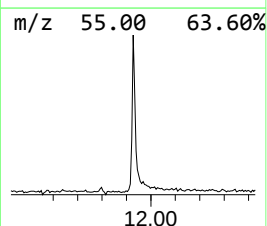
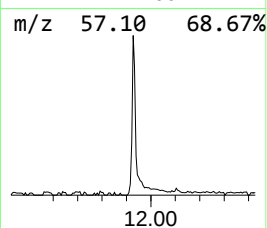
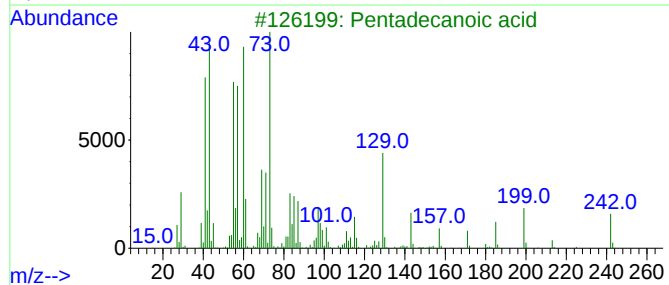
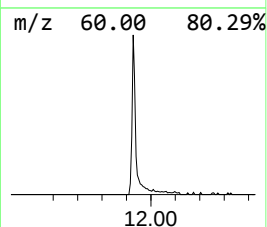
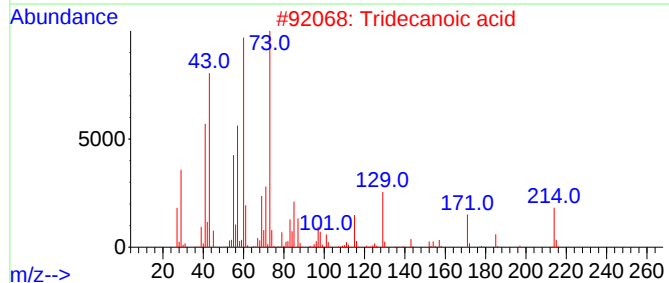
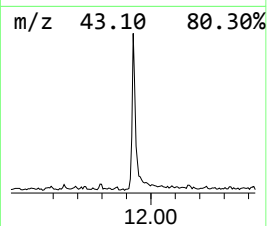
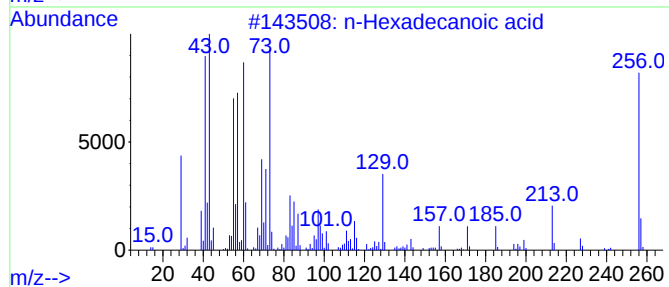
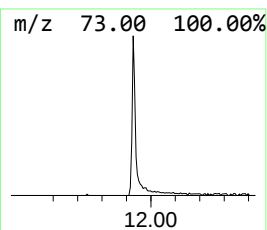
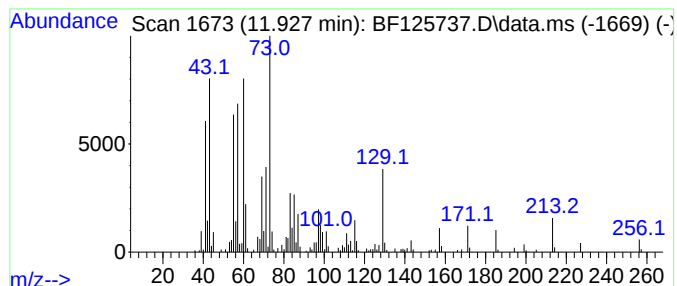
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TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.47 ng	470225	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			Tridecanoic acid	214	C13H26O2	000638-53-9	91
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			n-Decanoic acid	172	C10H20O2	000334-48-5	62



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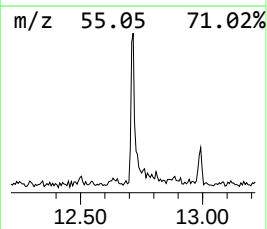
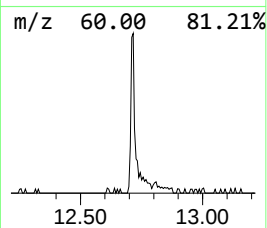
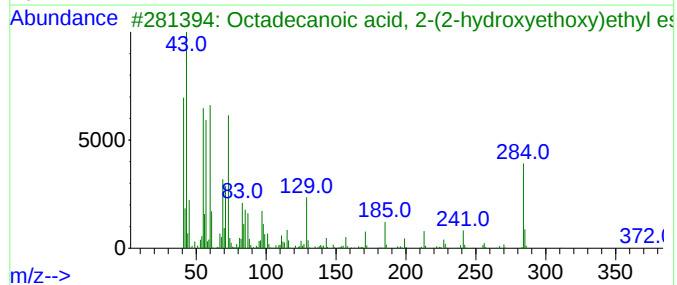
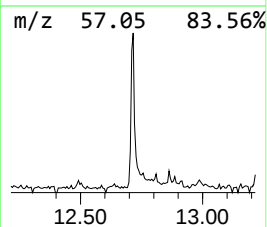
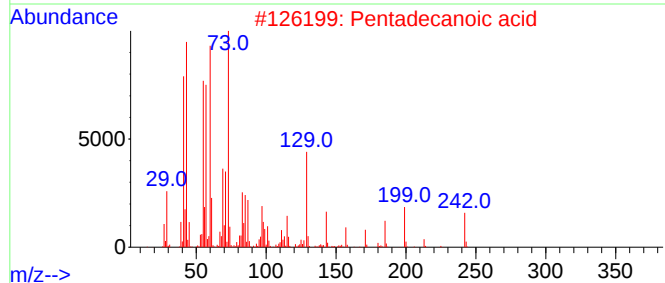
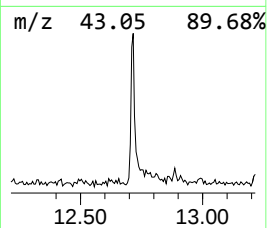
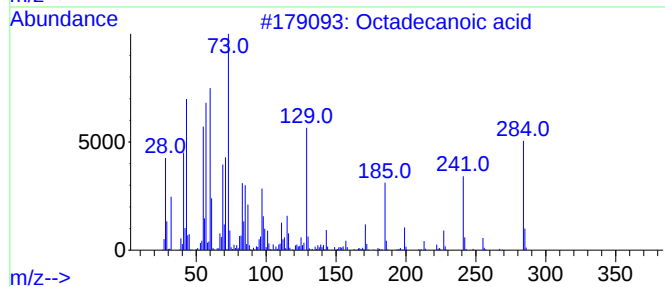
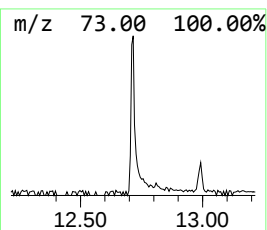
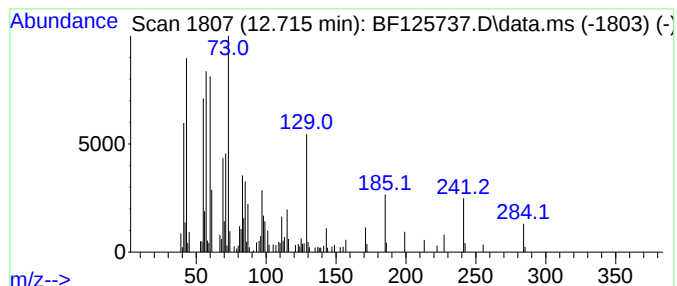
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Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.715	2.37 ng	249288	Phenanthrene-d10	11.404

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4			n-Decanoic acid	172	C10H20O2	000334-48-5	90
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83



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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
Butane, 2-metho...	2.181	76.5	ng	4741030	1	6.886	1238870	20.0
n-Hexadecanoic ...	11.927	4.5	ng	470225	4	11.404	2102390	20.0
Octadecanoic acid	12.715	2.4	ng	249288	4	11.404	2102390	20.0