

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
 Data File : BF087702.D
 Acq On : 5 Jun 2016 11:42
 Operator : UM/SJ
 Sample : H3312-06
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW3

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	15	16	26	rVV	248522	447586	11.80%	1.498%
2	1.907	26	28	46	rVB	1941022	3354877	88.45%	11.227%
3	5.039	299	302	306	rBV	141327	169773	4.48%	0.568%
4	5.450	335	338	341	rBV	1487969	1422976	37.52%	4.762%
5	6.479	425	428	431	rBV	1060937	930482	24.53%	3.114%
6	6.627	438	441	443	rBV	2642121	2785936	73.45%	9.323%
7	6.856	459	461	464	rBV	827370	747277	19.70%	2.501%
8	7.016	472	475	477	rBV	2603789	2402268	63.33%	8.039%
9	7.427	505	511	513	rBV	1964422	2334220	61.54%	7.811%
10	7.542	519	521	523	rVB	75829	98171	2.59%	0.329%
11	8.147	571	574	576	rBV	1020511	1032330	27.22%	3.455%
12	8.490	599	604	607	rBV2	29739	67307	1.77%	0.225%
13	8.902	634	640	643	rBV5	16524	43548	1.15%	0.146%
14	9.108	655	658	660	rBV	36210	47208	1.24%	0.158%
15	9.222	665	668	671	rBV	2851982	3793031	100.00%	12.693%
16	9.622	700	703	705	rVB	284493	333070	8.78%	1.115%
17	9.828	719	721	725	rBV	155751	141864	3.74%	0.475%
18	9.896	725	727	729	rVB2	1049566	1068569	28.17%	3.576%
19	10.319	761	764	767	rBV3	44925	72521	1.91%	0.243%
20	10.628	787	791	793	rBV4	33923	74085	1.95%	0.248%
21	10.685	793	796	799	rVV	1942579	2253454	59.41%	7.541%
22	11.256	844	846	851	rBV3	32858	58814	1.55%	0.197%
23	11.382	854	857	859	rVB	1223857	1106070	29.16%	3.701%
24	11.428	859	861	865	rBV3	18459	40306	1.06%	0.135%
25	11.919	902	904	906	rBV	249563	257344	6.78%	0.861%
26	12.708	971	973	979	rVB	172223	183675	4.84%	0.615%
27	12.799	979	981	983	rBV	109516	99777	2.63%	0.334%
28	12.971	993	996	999	rBV	2772137	2854316	75.25%	9.552%
29	13.497	1041	1042	1044	rBV	44114	56074	1.48%	0.188%
30	13.874	1073	1075	1078	rVB	82710	88354	2.33%	0.296%
31	14.011	1085	1087	1090	rBV	904317	828529	21.84%	2.773%
32	15.440	1209	1212	1215	rBV	569557	689369	18.17%	2.307%

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Instrument :
BNA_F
ClientSampleId :
SW3

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:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

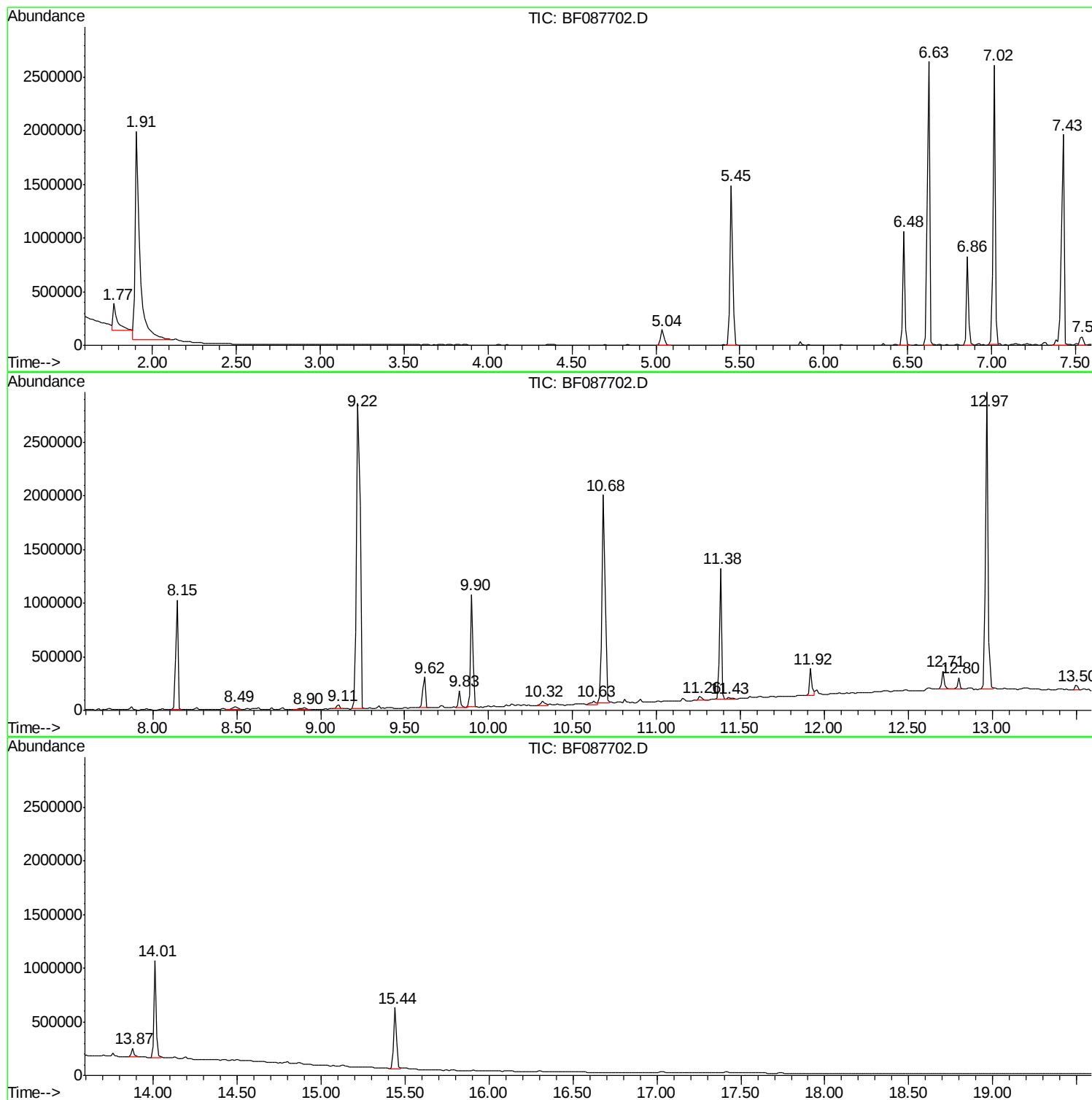
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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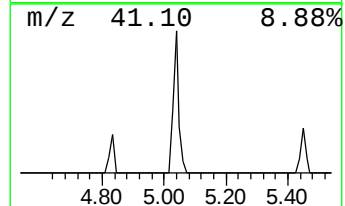
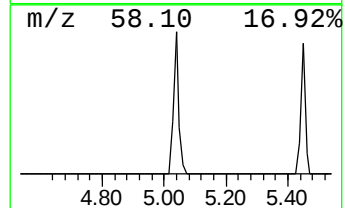
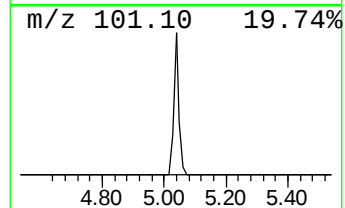
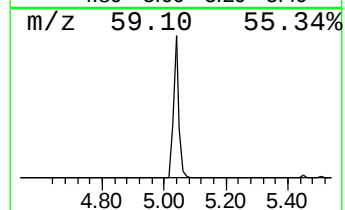
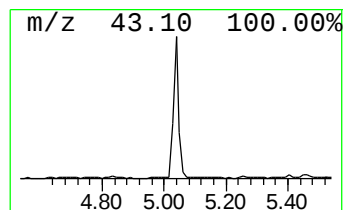
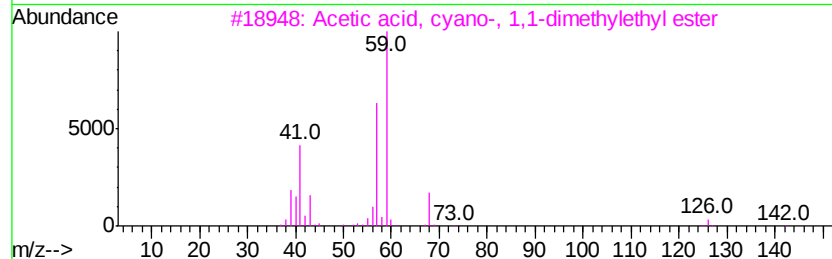
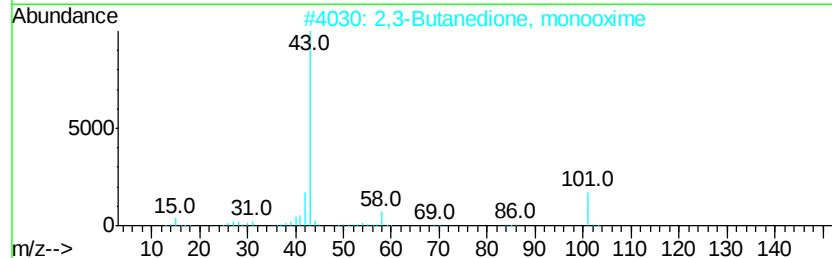
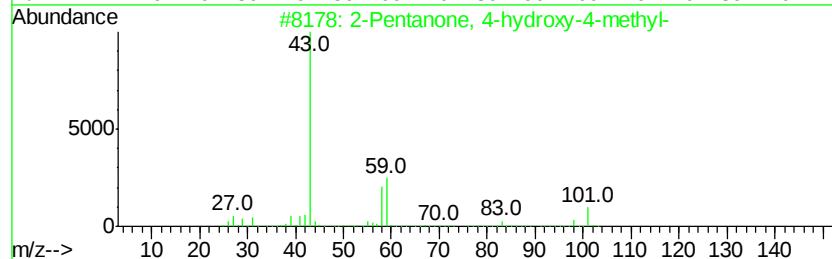
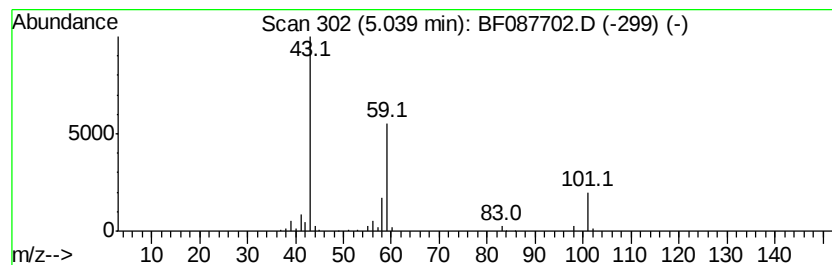
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	4.54 ng	169773	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		Butane	58	C4H10	000106-97-8	9



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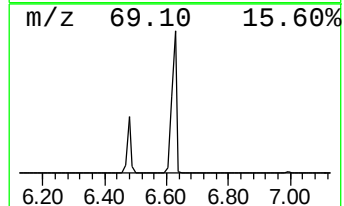
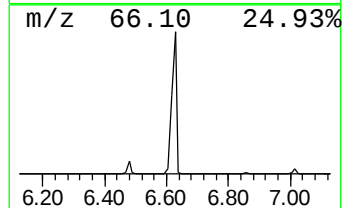
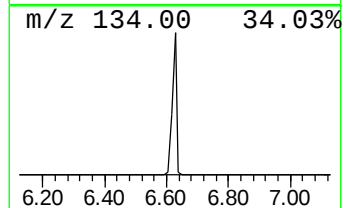
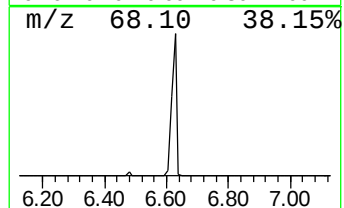
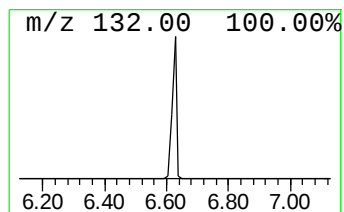
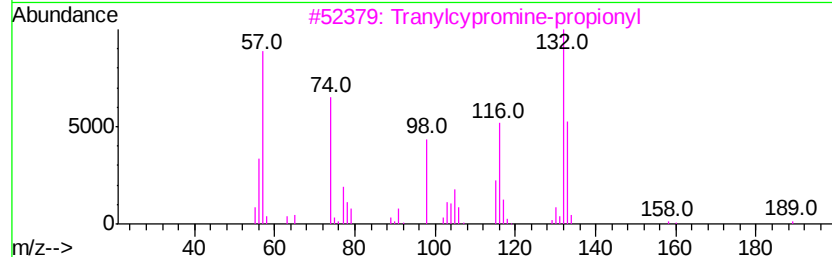
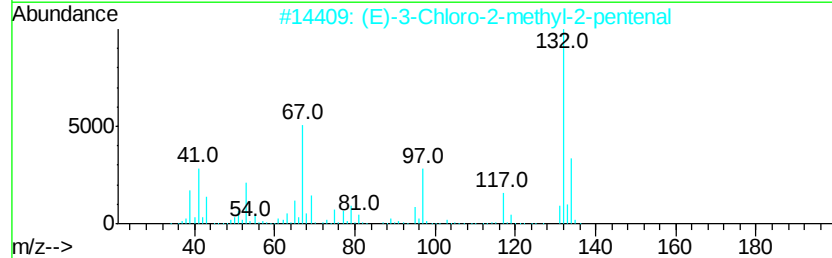
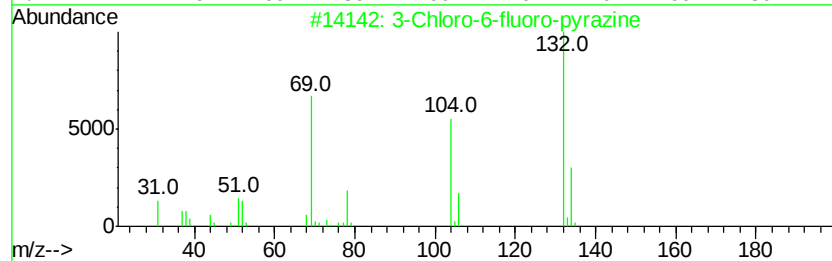
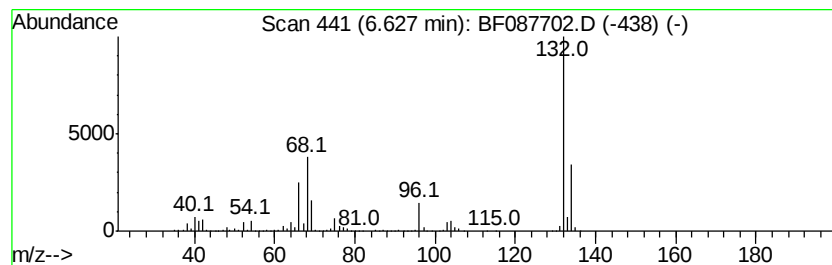
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	74.56 ng	2785940	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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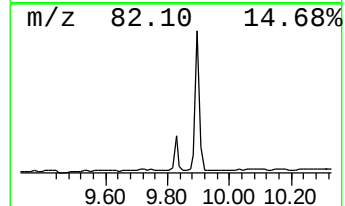
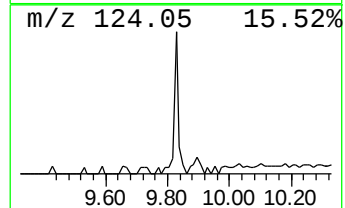
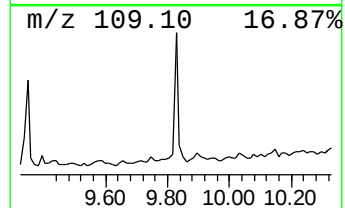
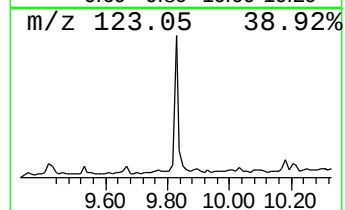
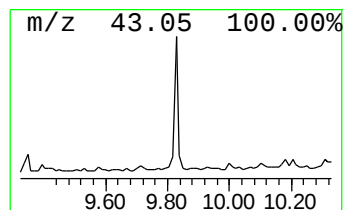
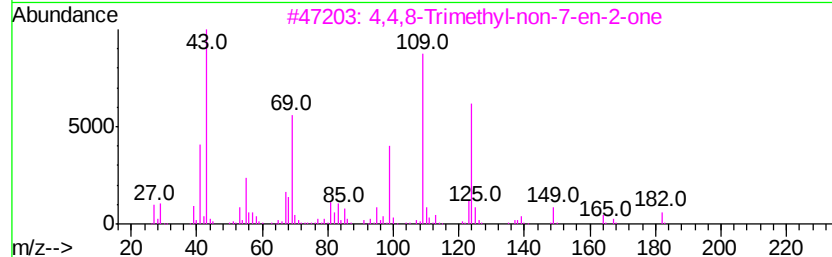
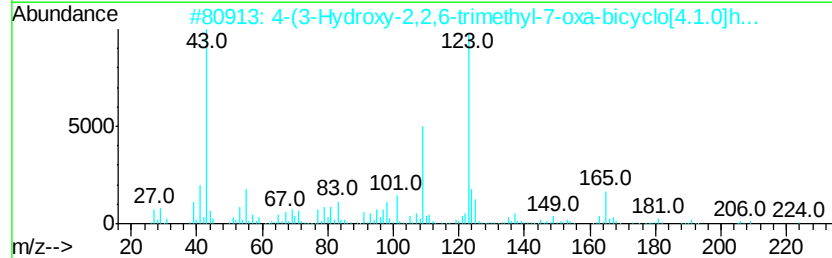
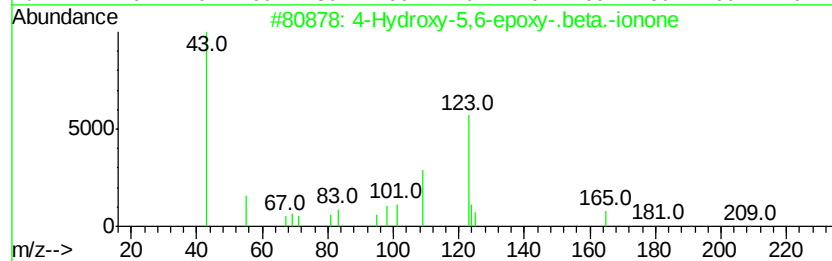
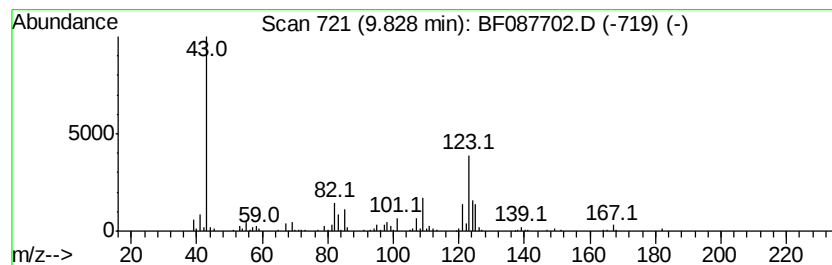
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown9.83 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	2.66 ng	141864	Acenaphthene-d10	9.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Hydroxy-5,6-epoxy-.beta.-ionone	224	C13H20O3	1000108-78-1	47
2			4-(3-Hydroxy-2,2,6-trimethyl-7-oxa-	224	C13H20O3	1000190-36-6	42
3			4,4,8-Trimethyl-non-7-en-2-one	182	C12H22O	1000187-18-6	9
4			Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	9
5			2(1H)-Naphthalenone, octahydro-8...	182	C11H18O2	004707-07-7	9



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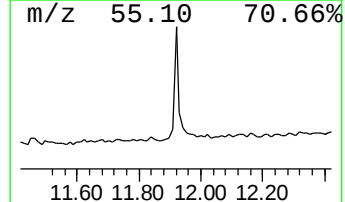
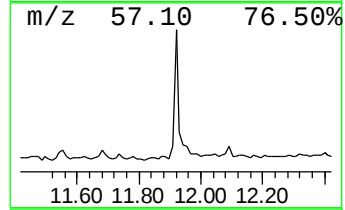
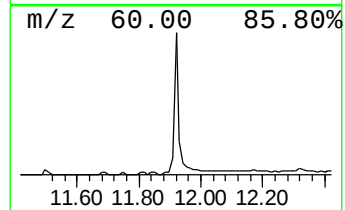
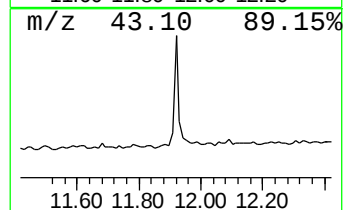
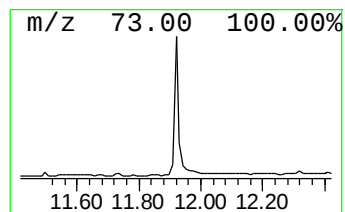
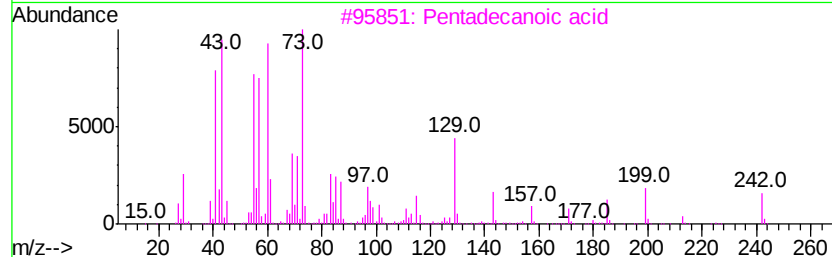
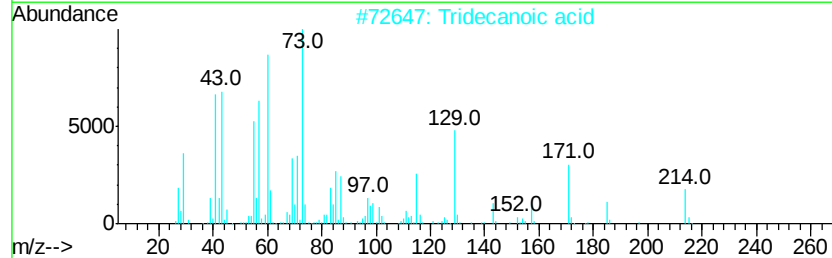
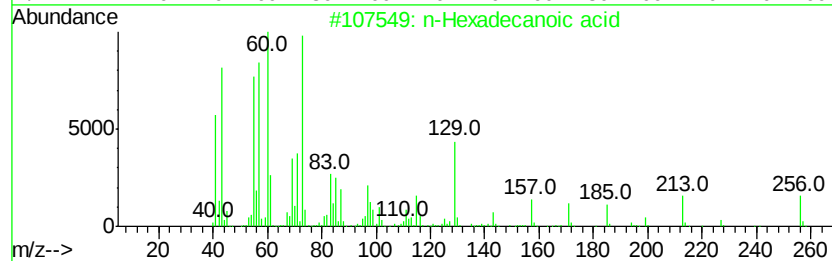
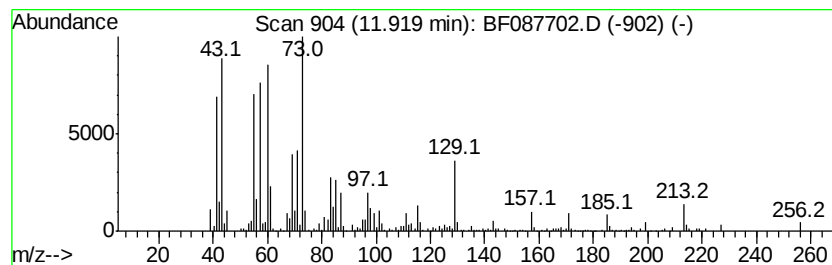
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	4.65 ng	257344	Phenanthrene-d10	11.38

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	86
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	18



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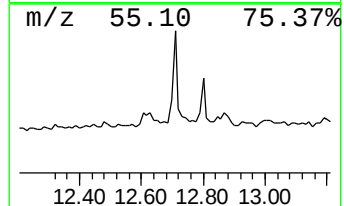
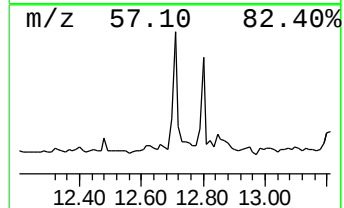
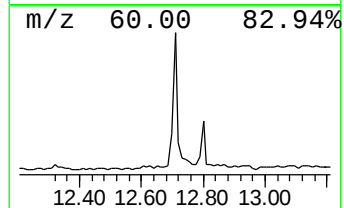
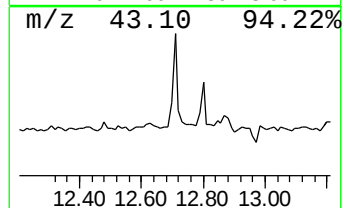
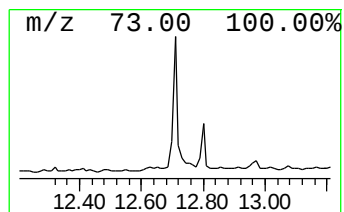
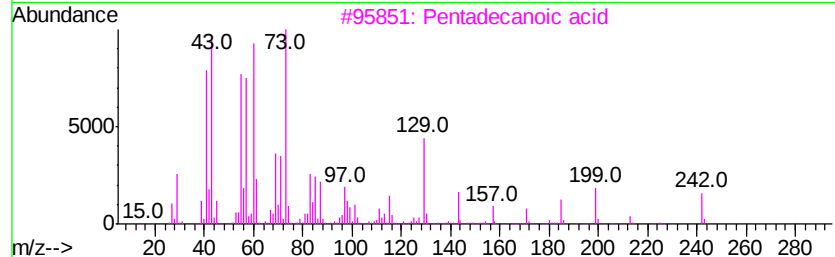
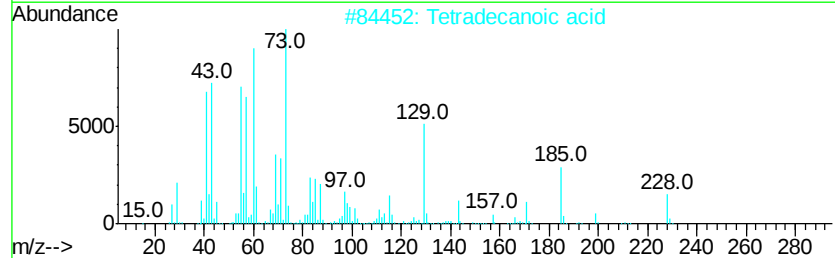
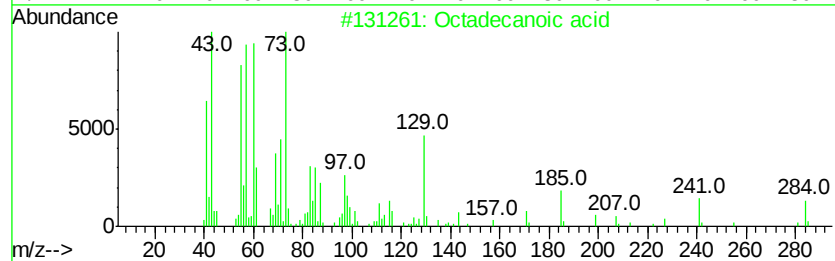
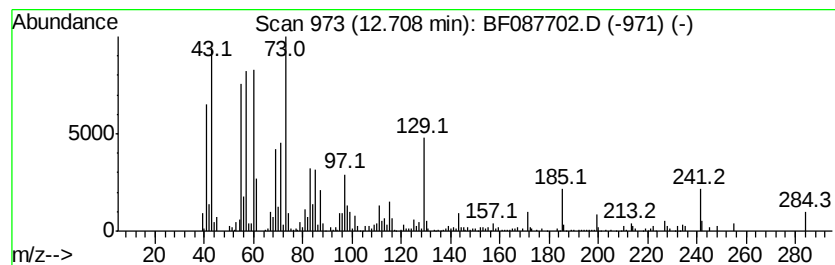
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TIC Library : C:\Database\NIST11.L
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Peak Number 8 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	4.43 ng	183675	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68



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ALS Vial : 44 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SW3

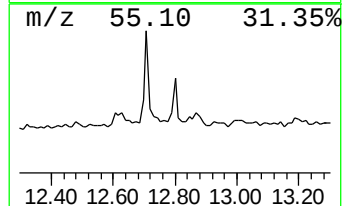
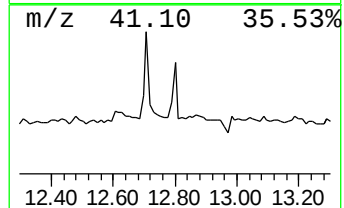
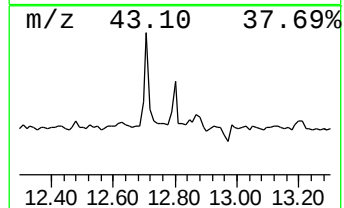
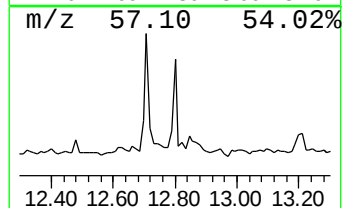
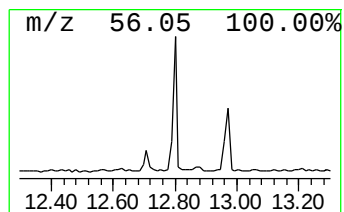
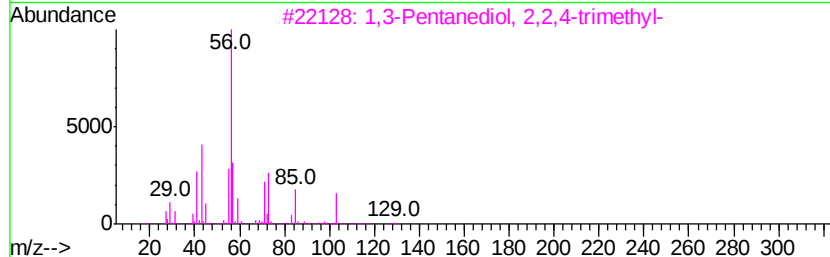
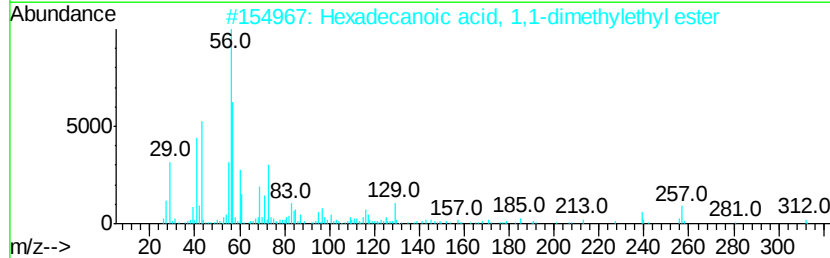
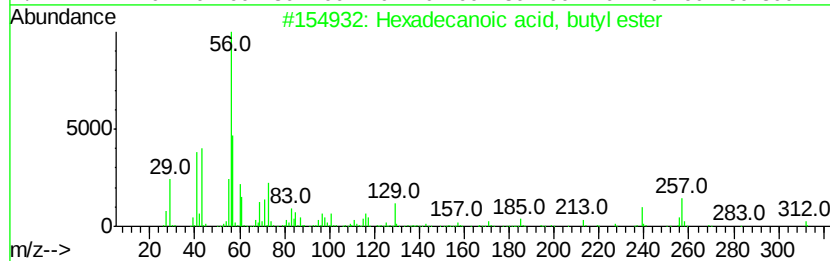
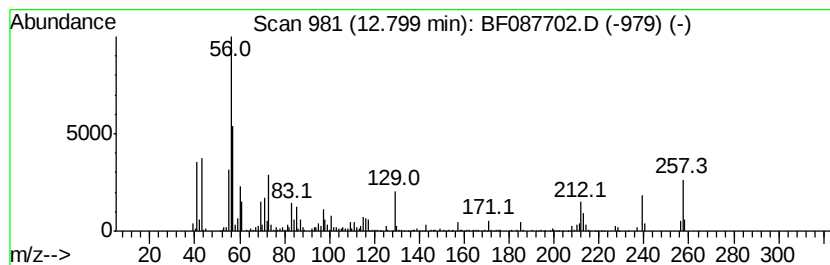
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.41 ng	99777	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	68
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	62
3		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
4		Hexadecanoic acid, 2-methylpropyl...	312	C20H40O2	000110-34-9	35
5		Oxan-4-one, 2-trifluoromethyl-2-...	212	C8H11F3O3	212615-80-0	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087702.D
Acq On : 5 Jun 2016 11:42
Operator : UM/SJ
Sample : H3312-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW3

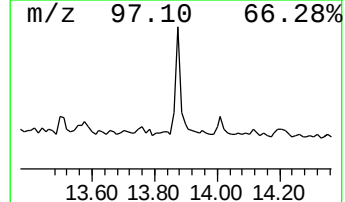
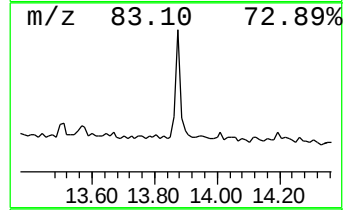
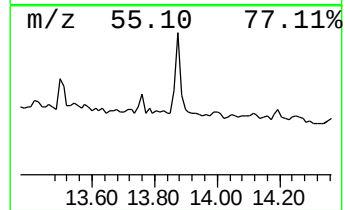
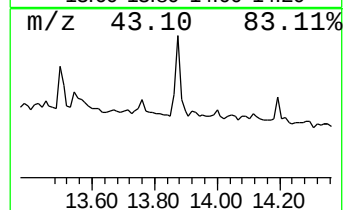
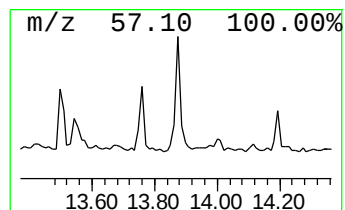
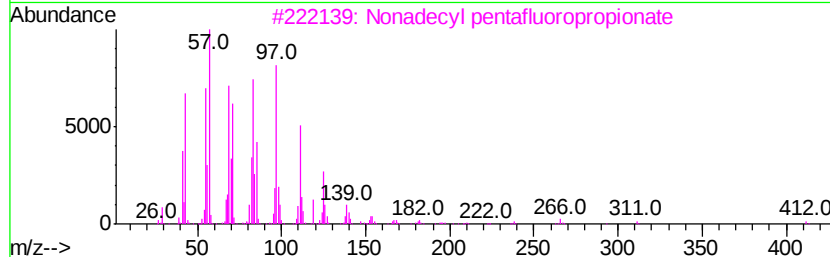
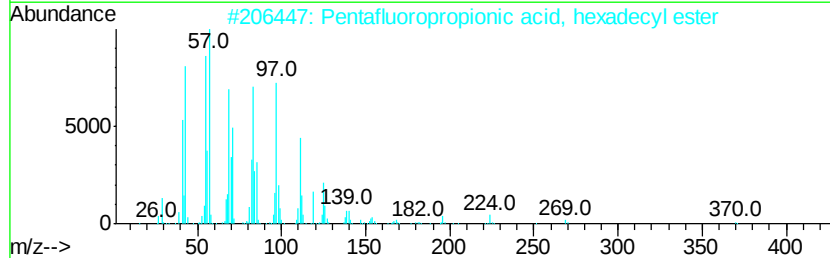
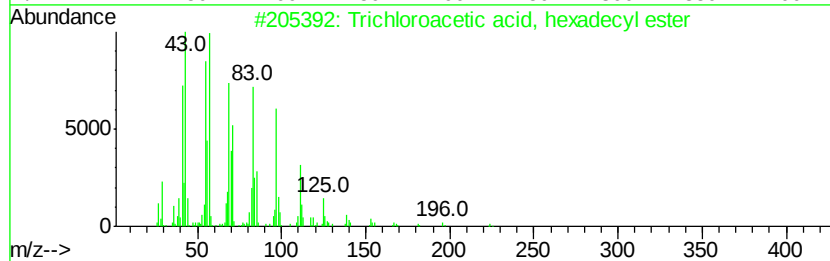
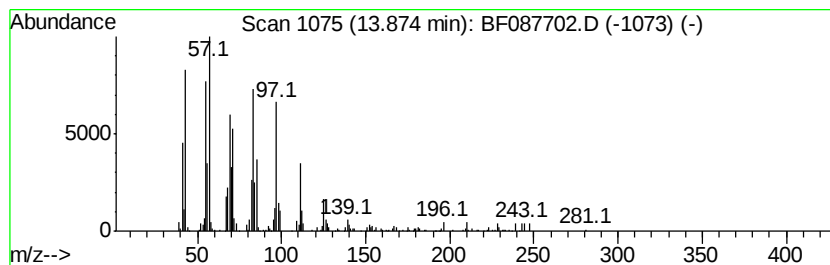
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Trichloroacetic acid, hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	2.13 ng	88354	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
2			Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	90
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4			Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060416\
Data File : BF087702.D
Acq On : 5 Jun 2016 11:42
Operator : UM/SJ
Sample : H3312-06
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.04	4.5 ng		169773	1	6.86	747277	20.0
unknown6.69	6.63	74.6 ng		2785940	1	6.86	747277	20.0
unknown9.83	9.83	2.7 ng		141864	3	9.90	1068570	20.0
n-Hexadecanoic acid	11.92	4.7 ng		257344	4	11.38	1106070	20.0
Octadecanoic acid	12.71	4.4 ng		183675	5	14.01	828529	20.0
Hexadecanoic acid...	12.80	2.4 ng		99777	5	14.01	828529	20.0
Trichloroacetic a...	13.87	2.1 ng		88354	5	14.01	828529	20.0