

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086713.D
 Acq On : 5 May 2016 18:53
 Operator : UM/SJ
 Sample : H2807-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NC-HC-007

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-BF050416.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	4.899	243	246	253	rBV	252521	452182	7.88%	0.929%
2	5.322	280	283	285	rBV	4919333	5339513	93.06%	10.968%
3	5.722	316	318	331	rVB	38070	79294	1.38%	0.163%
4	6.373	371	375	377	rBV	4851752	5737865	100.00%	11.786%
5	6.499	383	386	388	rBV	4193718	5608955	97.75%	11.521%
6	6.727	403	406	408	rBV	986855	1165020	20.30%	2.393%
7	6.876	417	419	422	rBV	2971942	3816306	66.51%	7.839%
8	7.299	452	456	458	rBV	2833969	3767689	65.66%	7.739%
9	7.390	462	464	472	rVB	37163	96193	1.68%	0.198%
10	8.008	516	518	521	rBV	1492769	1489651	25.96%	3.060%
11	9.093	610	613	615	rBV	5358016	5241189	91.34%	10.766%
12	9.482	645	647	650	rBV	363407	383866	6.69%	0.788%
13	9.711	665	667	669	rBV	58431	73975	1.29%	0.152%
14	9.756	669	671	674	rBV	1197331	1647503	28.71%	3.384%
15	10.202	709	710	712	rVB	163343	132780	2.31%	0.273%
16	10.419	726	729	733	rBV	57829	100872	1.76%	0.207%
17	10.545	738	740	743	rBV2	2388482	3480325	60.66%	7.149%
18	10.671	750	751	756	rVB	162255	234617	4.09%	0.482%
19	11.116	789	790	792	rBV	70252	101135	1.76%	0.208%
20	11.242	798	801	803	rBV	1662717	1583782	27.60%	3.253%
21	11.779	846	848	853	rBV2	358114	483495	8.43%	0.993%
22	12.442	904	906	909	rBV	79097	103028	1.80%	0.212%
23	12.568	914	917	922	rBV	87799	133579	2.33%	0.274%
24	12.671	923	926	928	rVV	84977	105899	1.85%	0.218%
25	12.831	937	940	942	rBV	4007374	4161442	72.53%	8.548%
26	13.071	958	961	963	rBV	59887	64824	1.13%	0.133%
27	13.414	987	991	992	rBV2	55170	90716	1.58%	0.186%
28	13.734	1016	1019	1024	rBV	278068	393960	6.87%	0.809%
29	13.871	1028	1031	1037	rBV	1098607	1280063	22.31%	2.629%
30	14.054	1045	1047	1049	rBV	47388	58409	1.02%	0.120%
31	14.362	1071	1074	1079	rBV2	38797	105306	1.84%	0.216%
32	14.877	1117	1119	1122	rBV	38216	75147	1.31%	0.154%
33	15.254	1150	1152	1155	rBV	605377	899901	15.68%	1.848%
34	15.688	1188	1190	1192	rBV	48121	75675	1.32%	0.155%

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ALS Vial : 11 Sample Multiplier: 1

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NC-HC-007

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

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35	15.734	1192	1194	1200	rVB5	41770	119262	2.08%	0.245%
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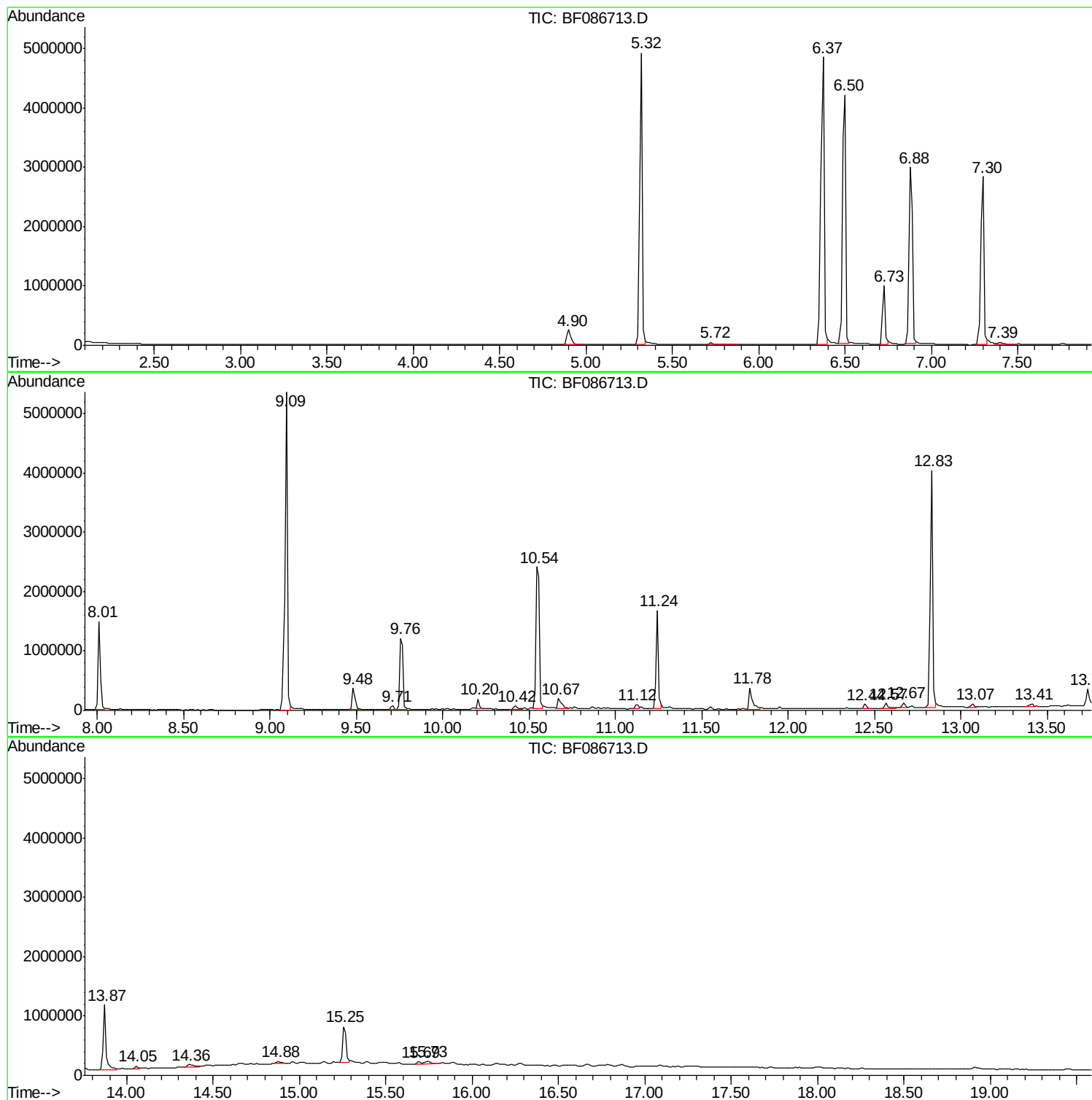
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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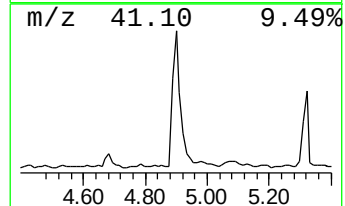
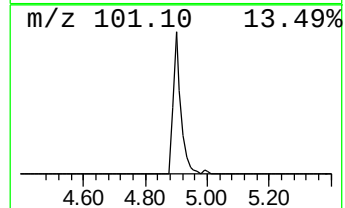
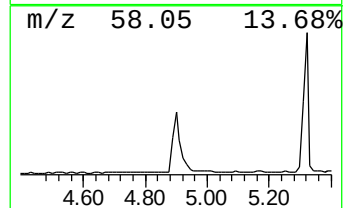
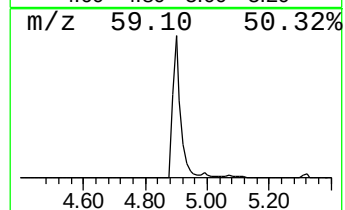
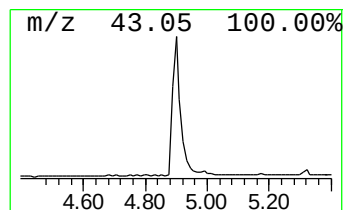
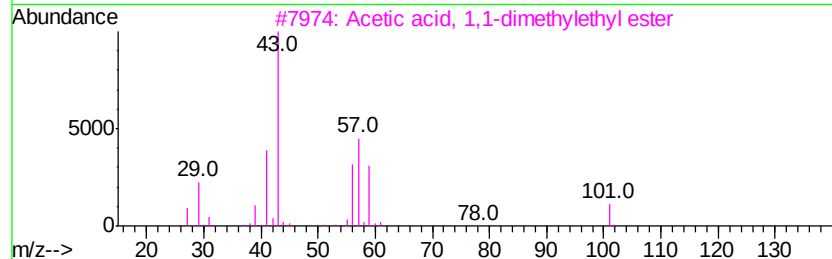
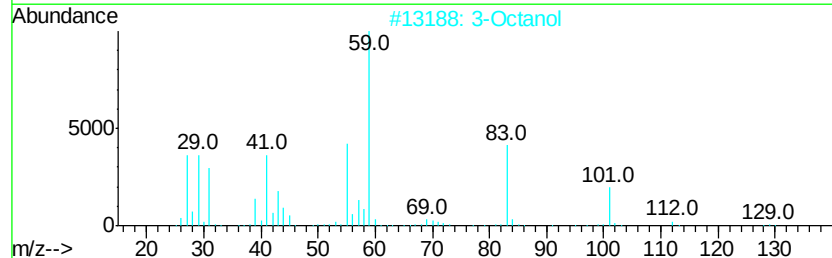
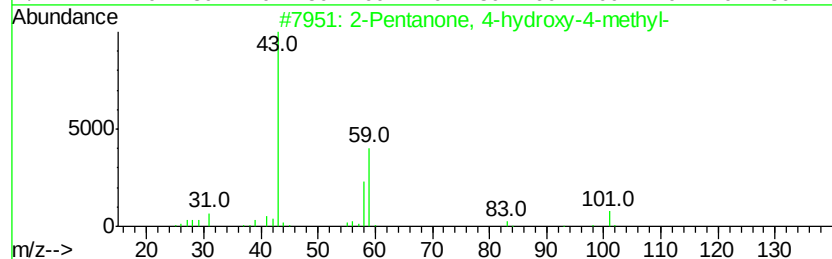
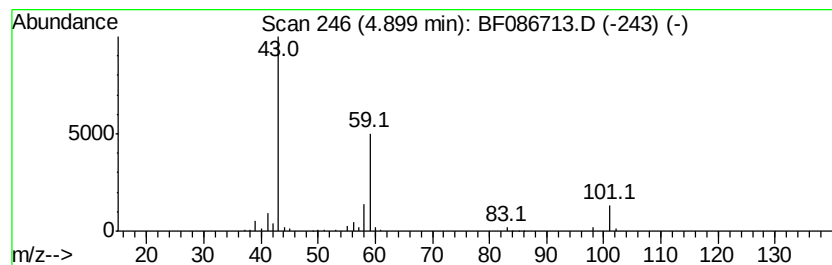
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.53 ng	452182	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		3-Octanol	130	C8H18O	000589-98-0	33
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25



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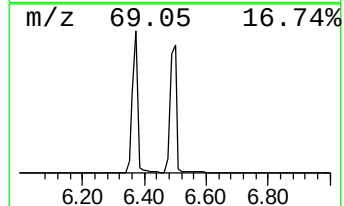
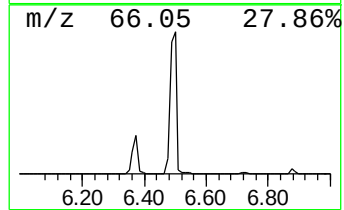
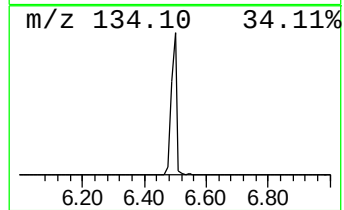
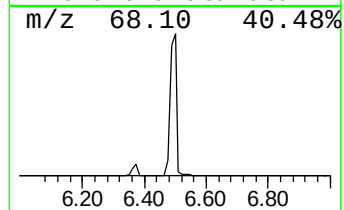
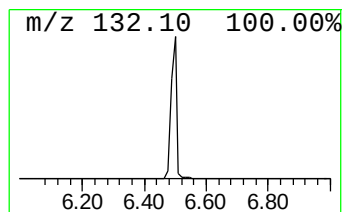
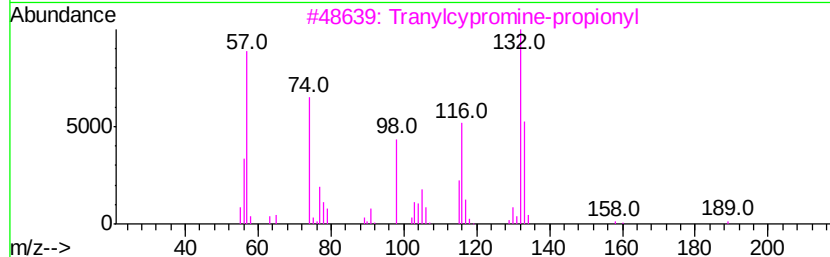
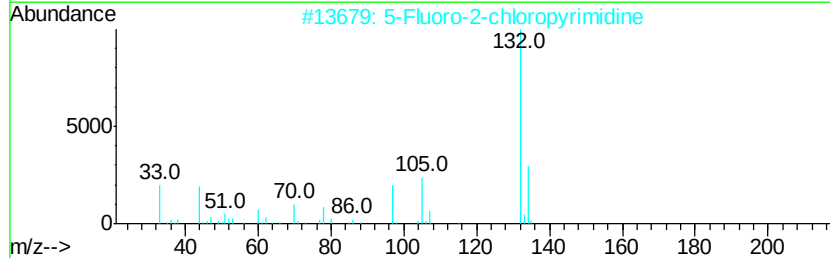
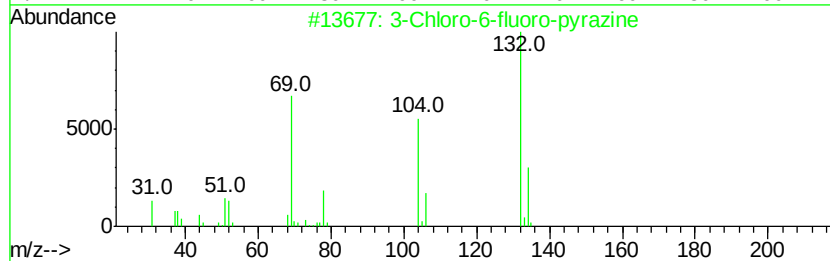
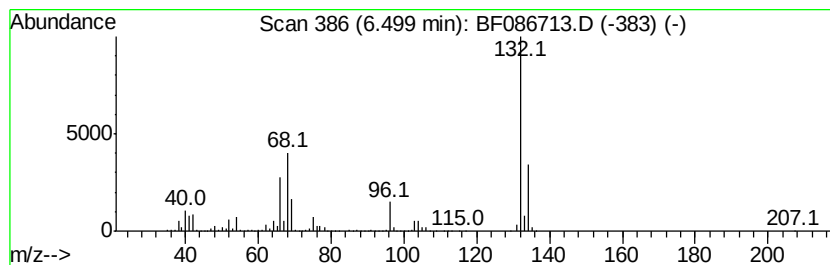
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Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	192.58 ng	5608960	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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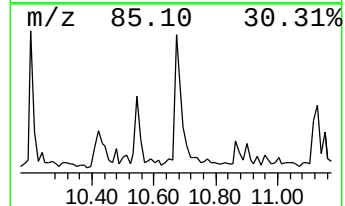
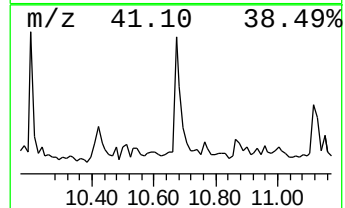
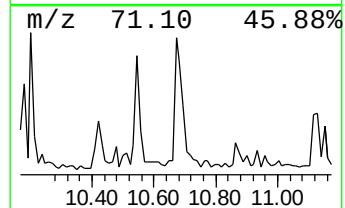
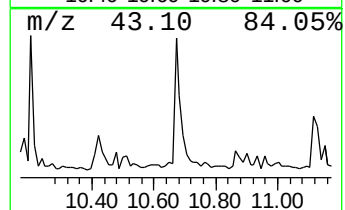
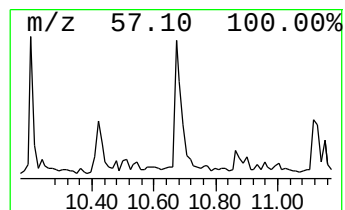
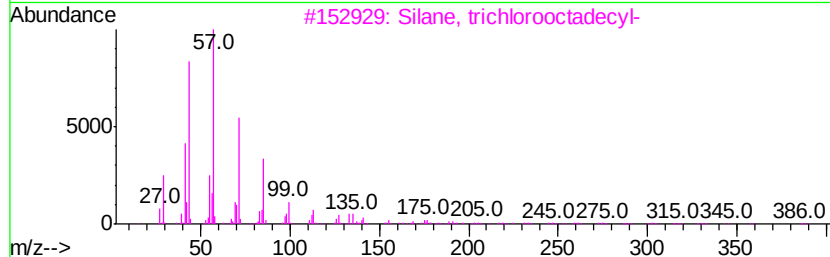
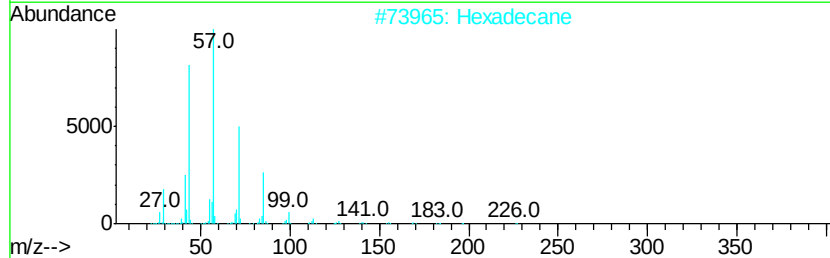
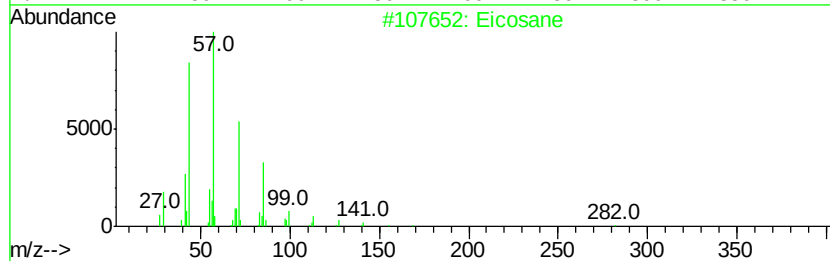
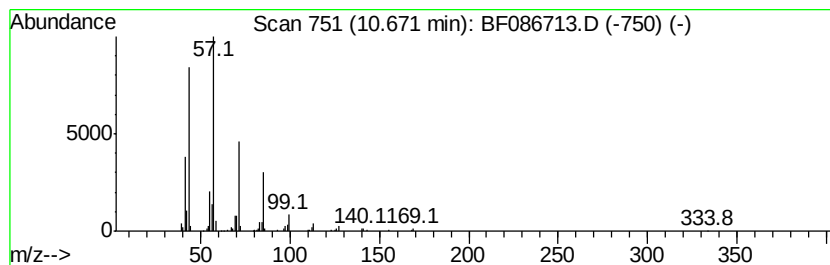
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
10.67	5.93 ng	234617	Phenanthrene-d10		11.24		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane			282	C20H42	000112-95-8	91
2	Hexadecane			226	C16H34	000544-76-3	91
3	Silane, trichlorooctadecyl-			386	C18H37Cl3Si	000112-04-9	90
4	Tridecane			184	C13H28	000629-50-5	90
5	Octadecane			254	C18H38	000593-45-3	86



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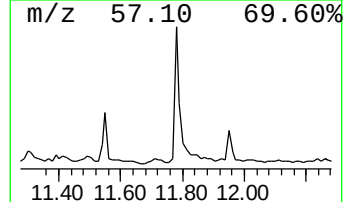
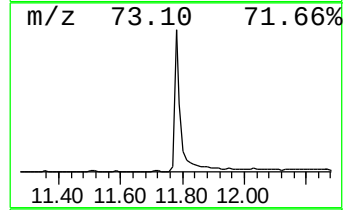
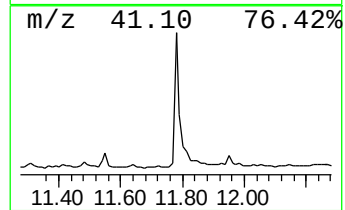
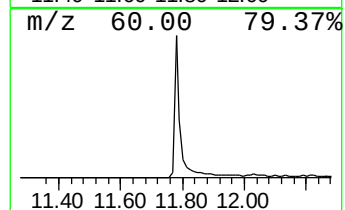
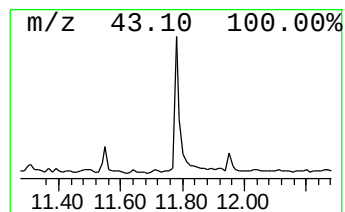
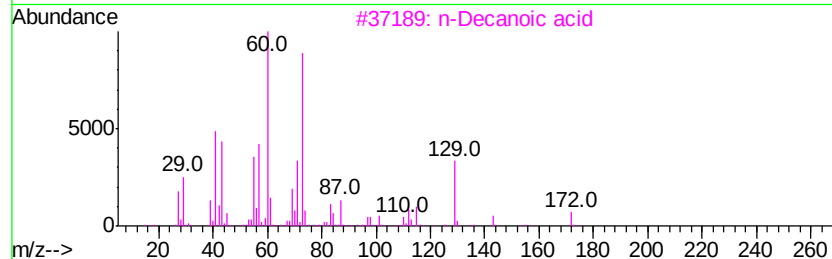
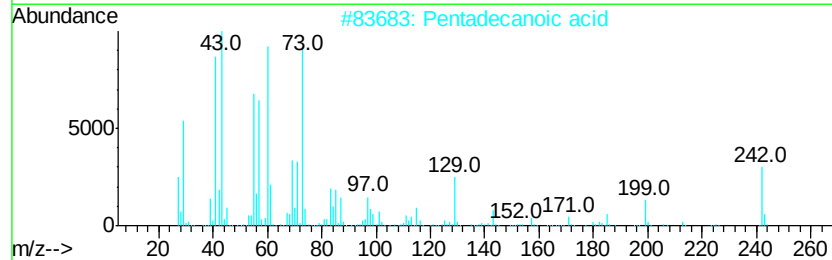
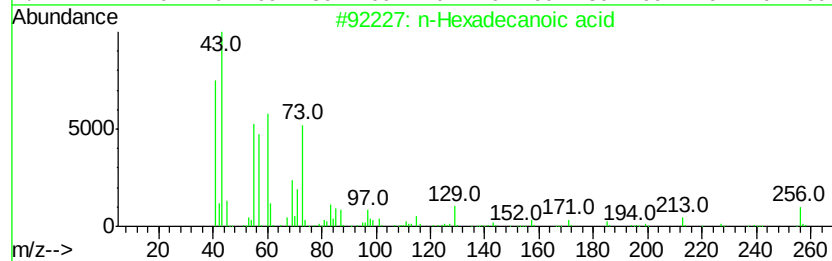
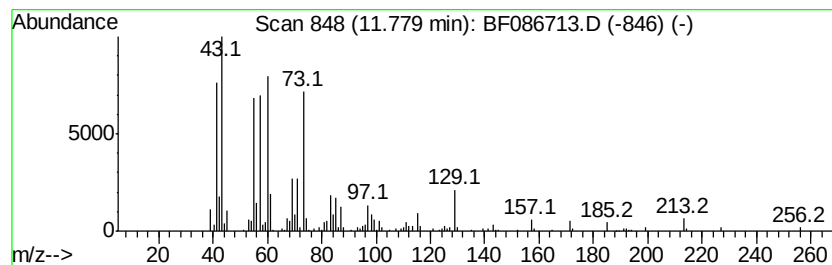
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.78	12.21 ng	483495	Phenanthrene-d10		11.24
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	n-Decanoic acid	172	C10H20O2	000334-48-5	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83



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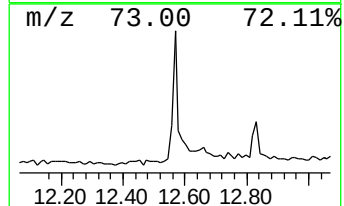
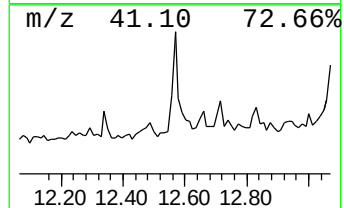
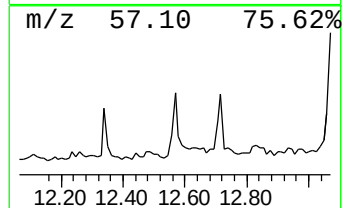
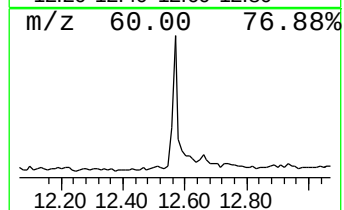
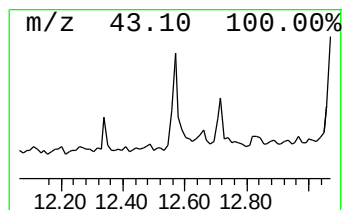
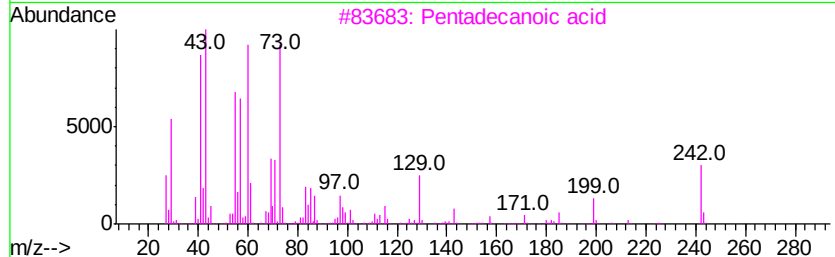
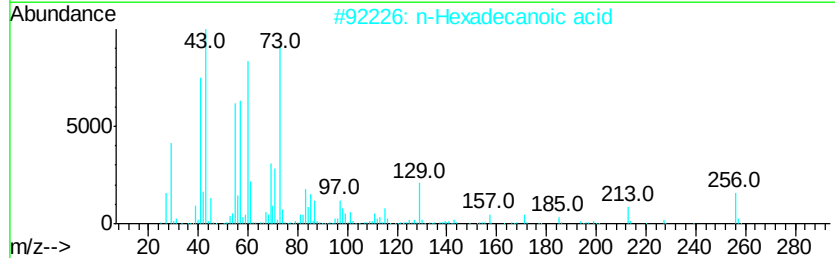
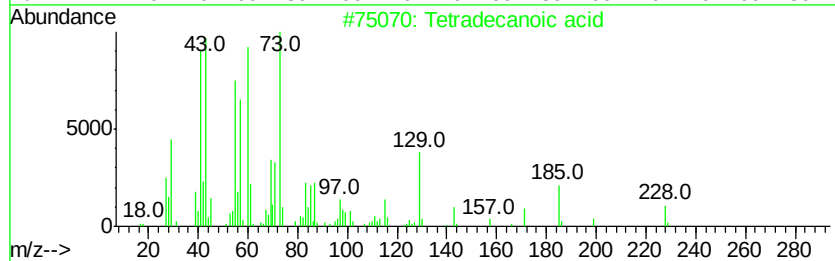
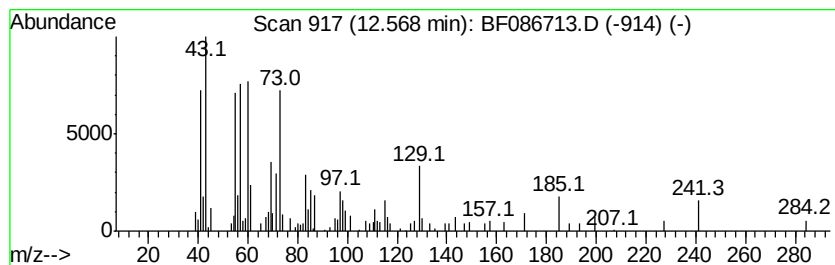
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.17 ng	133579	Chrysene-d12	13.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	62
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	53
4		Dodecanoic acid	200	C12H24O2	000143-07-7	50
5		Undecanoic acid	186	C11H22O2	000112-37-8	47



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NC-HC-007

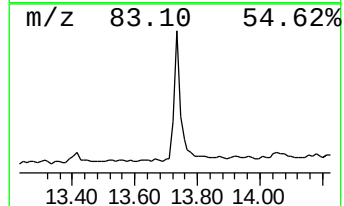
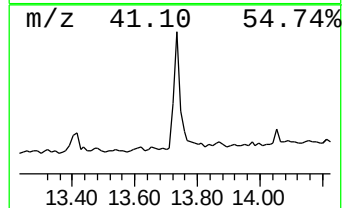
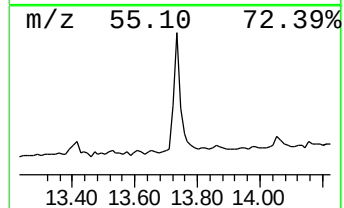
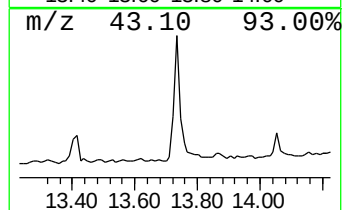
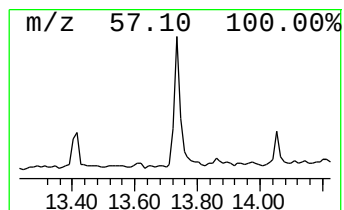
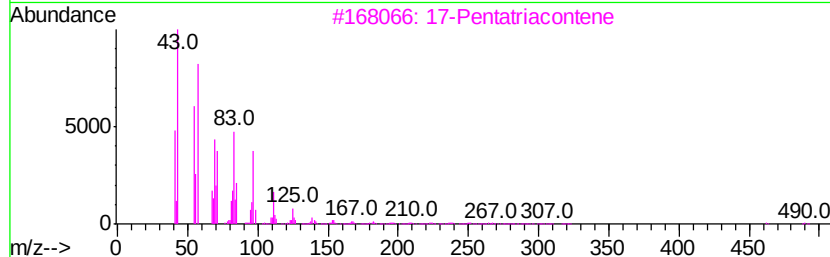
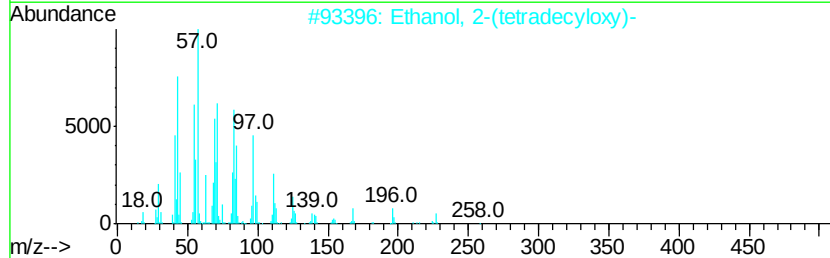
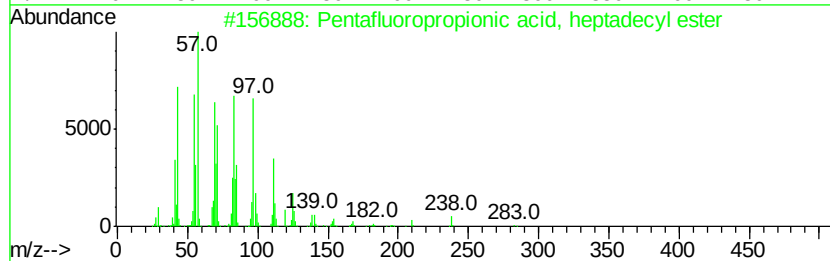
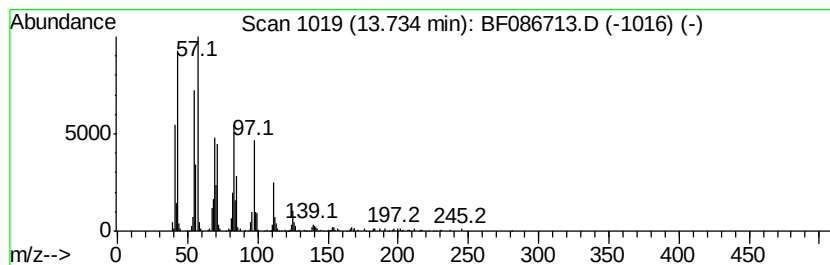
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	12.31 ng	393960	Chrysene-d12	13.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3		17-Pentatriacontene	491	C35H70	006971-40-0	87
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		1-Docosene	308	C22H44	001599-67-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086713.D
Acq On : 5 May 2016 18:53
Operator : UM/SJ
Sample : H2807-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

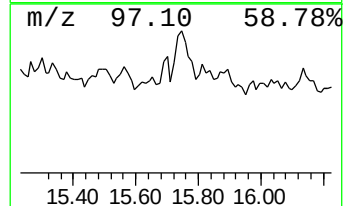
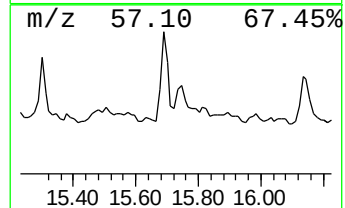
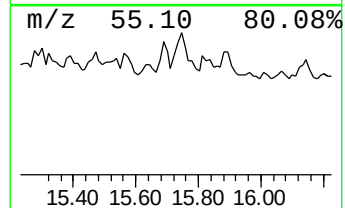
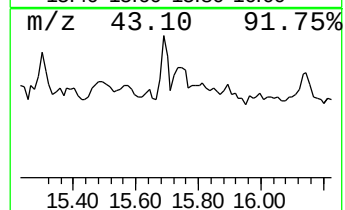
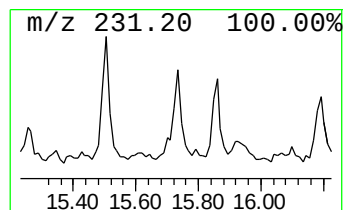
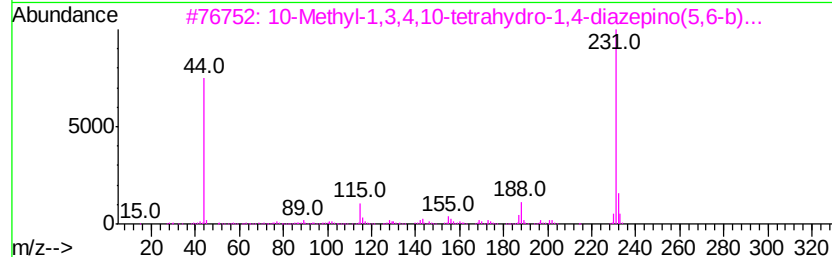
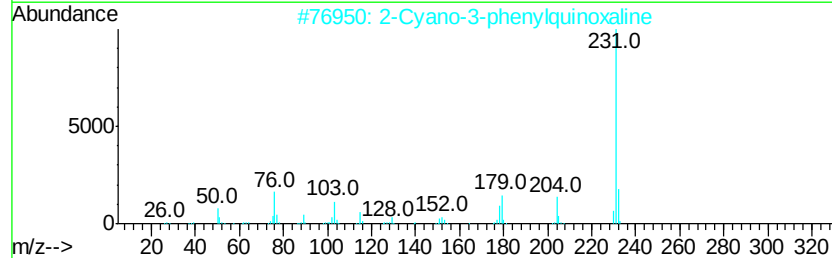
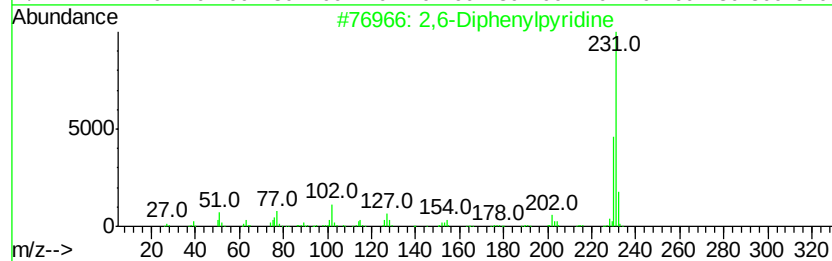
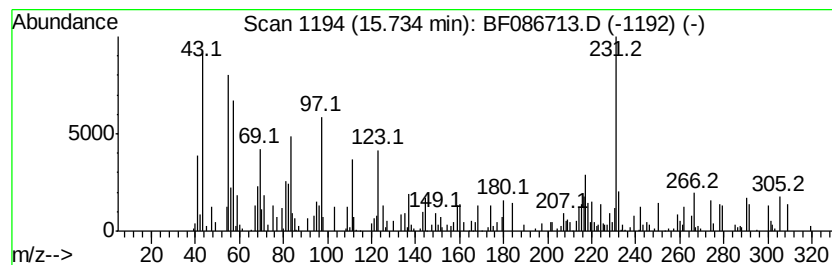
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown15.73 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	5.30 ng	119262	Perylene-d12	15.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-Diphenylpyridine	231	C17H13N	003558-69-8	27
2		2-Cyano-3-phenylquinoxaline	231	C15H9N3	059393-45-2	27
3		10-Methyl-1,3,4,10-tetrahydro-1,4-diazepino(5,6-b)pyridine	231	C12H13N3S	026228-45-5	27
4		2-Propenoic acid, 2-cyano-3-(3-methylphenyl)-	231	C13H13NO3	019098-69-2	27
5		Ethyl 1,2-dihydro-1-methyl-2-oxo-1,2,3,4-tetrahydropyridine-3-carboxylate	231	C13H13NO3	027330-23-0	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
Data File : BF086713.D
Acq On : 5 May 2016 18:53
Operator : UM/SJ
Sample : H2807-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-HC-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.90	15.5	ng	452182	1	6.73	1165020	40.0
unknown6.50	6.50	192.6	ng	5608960	1	6.73	1165020	40.0
Eicosane	10.67	5.9	ng	234617	4	11.24	1583780	40.0
n-Hexadecanoic acid	11.78	12.2	ng	483495	4	11.24	1583780	40.0
Tetradecanoic acid	12.57	4.2	ng	133579	5	13.87	1280060	40.0
Pentafluoropropio...	13.73	12.3	ng	393960	5	13.87	1280060	40.0
unknown15.73	15.73	5.3	ng	119262	6	15.25	899901	40.0