

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
 Data File : BF084840.D
 Acq On : 4 Feb 2016 20:40
 Operator : SJ/IZ
 Sample : H1320-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B012(30-32)

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-BF020116.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	4.121	176	178	183	rBV	53766	75514	1.43%	0.157%
2	4.830	237	240	249	rVB	1252029	1958381	37.06%	4.074%
3	5.276	276	279	281	rBV	3790320	5283644	100.00%	10.991%
4	5.676	312	314	316	rBV	60963	59691	1.13%	0.124%
5	6.327	368	371	373	rBV	4383341	4782605	90.52%	9.949%
6	6.441	378	381	384	rBV	4762238	4728317	89.49%	9.836%
7	6.670	399	401	404	rBV	1212877	999829	18.92%	2.080%
8	6.830	412	415	417	rBV	4283935	3887055	73.57%	8.086%
9	7.242	448	451	454	rBV	2702699	3037286	57.48%	6.318%
10	7.962	511	514	516	rBV	1396529	1384465	26.20%	2.880%
11	9.036	605	608	611	rBV	3986519	5273019	99.80%	10.969%
12	9.436	641	643	645	rBV	668446	570661	10.80%	1.187%
13	9.653	660	662	664	rVB	86909	82437	1.56%	0.171%
14	9.710	664	667	669	rBV	1615578	1455770	27.55%	3.028%
15	10.156	704	706	708	rVB	174854	133676	2.53%	0.278%
16	10.373	722	725	728	rBV	64194	96431	1.83%	0.201%
17	10.499	733	736	738	rBV	3527081	3509926	66.43%	7.301%
18	10.625	745	747	752	rBV	224212	272488	5.16%	0.567%
19	11.071	784	786	788	rBV2	163928	165076	3.12%	0.343%
20	11.105	788	789	792	rVB	75495	59659	1.13%	0.124%
21	11.185	794	796	800	rBV2	1456377	1478299	27.98%	3.075%
22	11.265	800	803	804	rVB3	42525	73852	1.40%	0.154%
23	11.493	821	823	826	rBV	80778	118634	2.25%	0.247%
24	11.733	841	844	848	rVV3	97237	193282	3.66%	0.402%
25	11.791	848	849	855	rVV2	43727	93229	1.76%	0.194%
26	11.905	857	859	863	rVB	114927	104638	1.98%	0.218%
27	12.294	891	893	894	rBV	113565	83857	1.59%	0.174%
28	12.396	900	902	904	rBV	177947	172339	3.26%	0.358%
29	12.614	919	921	923	rBV	97504	142645	2.70%	0.297%
30	12.659	923	925	929	rVB2	46917	85962	1.63%	0.179%
31	12.774	932	935	938	rVB	3367934	4459282	84.40%	9.276%
32	13.025	953	957	958	rBV	73334	118942	2.25%	0.247%
33	13.356	984	986	990	rBV2	30562	58751	1.11%	0.122%
34	13.688	1012	1015	1023	rBV	242180	409454	7.75%	0.852%

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S4-B012(30-32)

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-BF020116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.814	1024	1026	1029	rBV	1007863	1099157	20.80%	2.286%
36	14.008	1040	1043	1049	rBV7	22494	63047	1.19%	0.131%
37	14.328	1068	1071	1076	rVB5	34108	78669	1.49%	0.164%
38	14.808	1112	1113	1118	rBV	47832	98432	1.86%	0.205%
39	15.128	1139	1141	1144	rVB	42710	55516	1.05%	0.115%
40	15.185	1144	1146	1149	rBV	645864	879271	16.64%	1.829%
41	15.802	1198	1200	1206	rVB5	28765	77871	1.47%	0.162%
42	16.671	1273	1276	1281	rBV7	21370	56714	1.07%	0.118%
43	16.854	1289	1292	1298	rVB5	26155	73086	1.38%	0.152%
44	18.374	1419	1425	1432	rBV	35029	182418	3.45%	0.379%

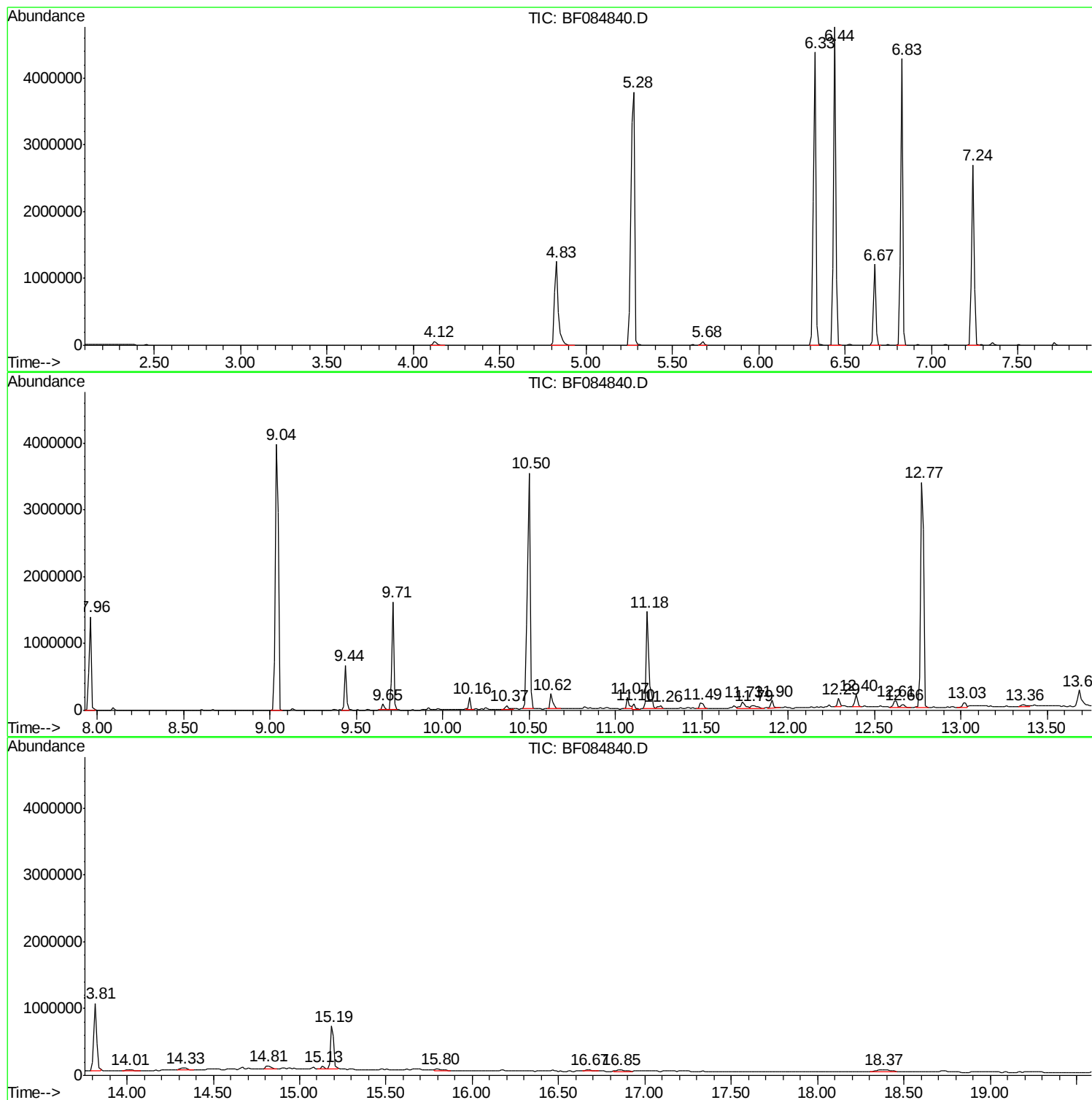
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Instrument :
BNA_F
ClientSampled :
S4-B012(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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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Instrument :
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ClientSampleId :
S4-B012(30-32)

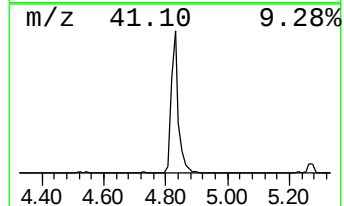
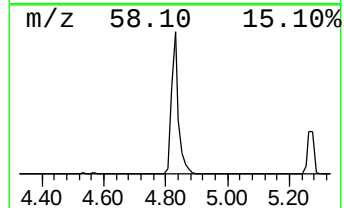
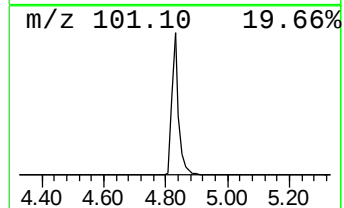
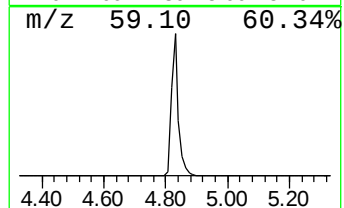
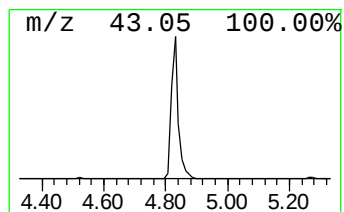
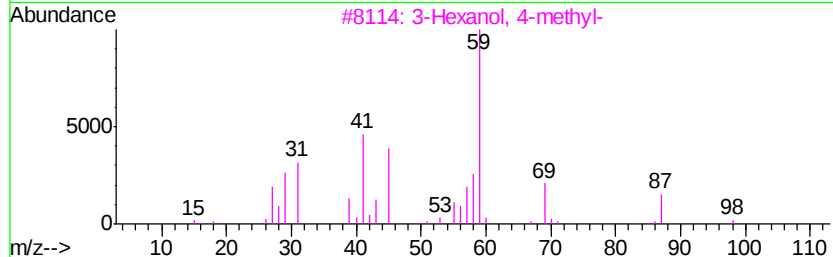
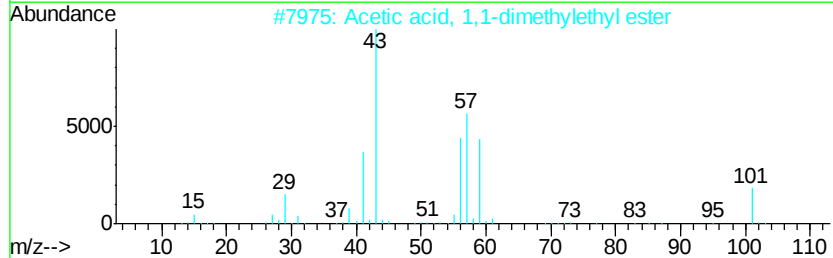
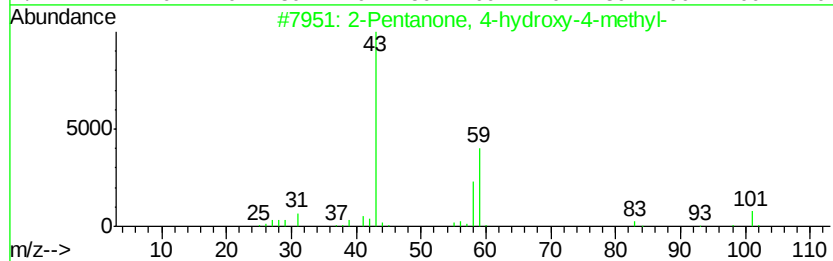
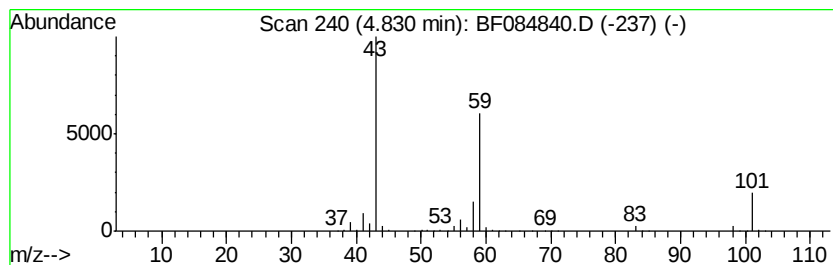
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.83	39.17 ng	1958380	1,4-Dichlorobenzene-d4	6.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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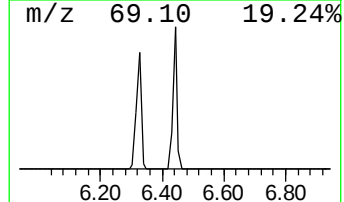
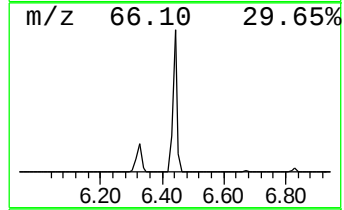
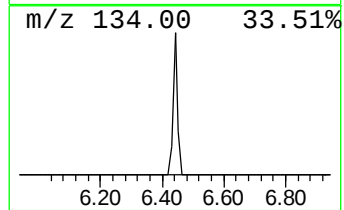
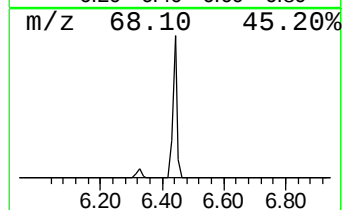
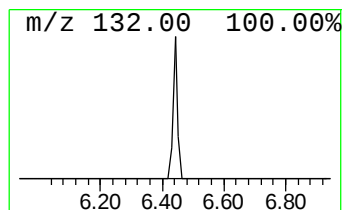
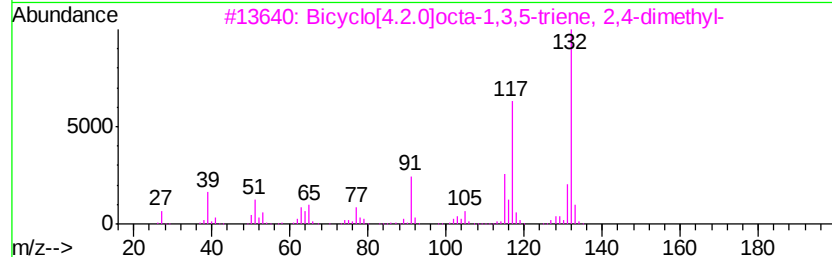
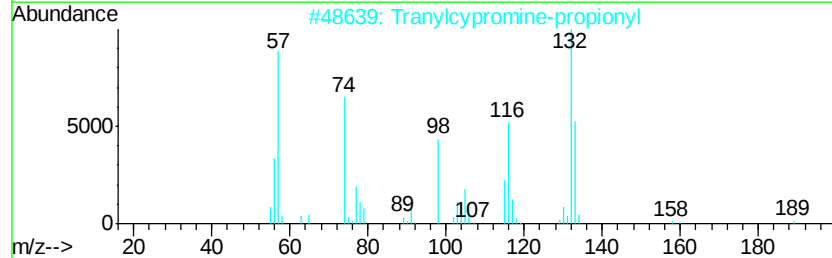
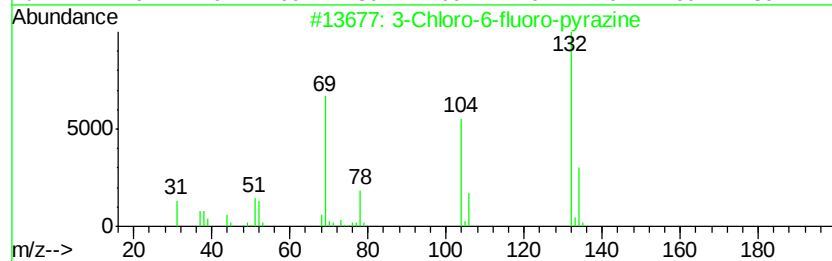
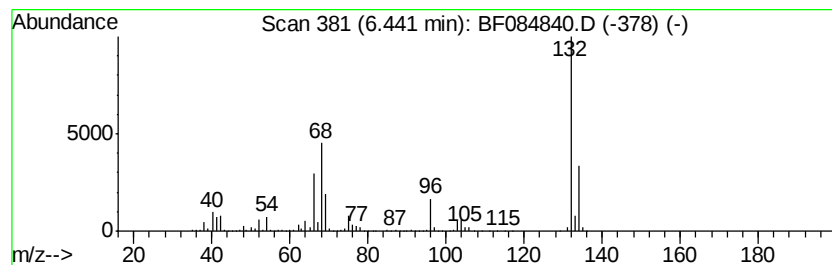
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Peak Number 2 unknown6.44 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	94.58 ng	4728320	1,4-Dichlorobenzene-d4	6.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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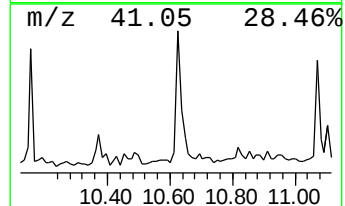
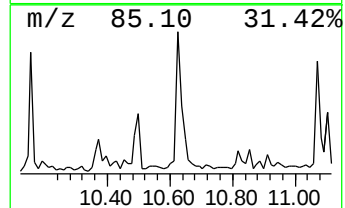
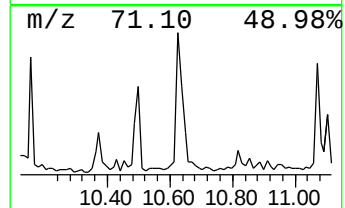
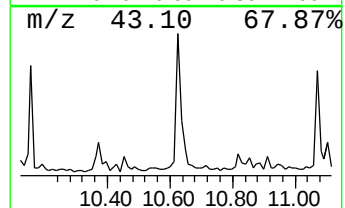
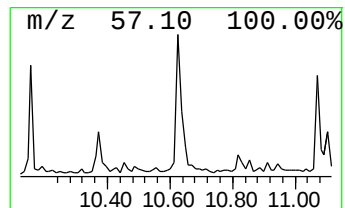
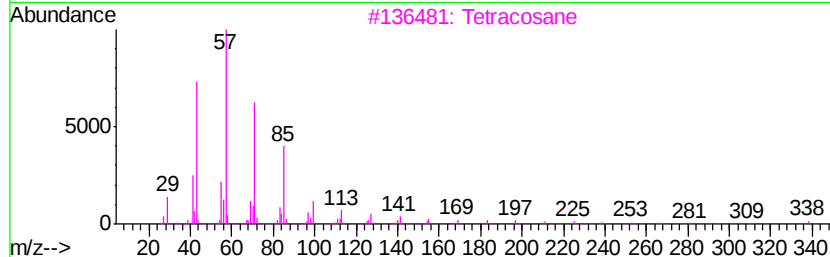
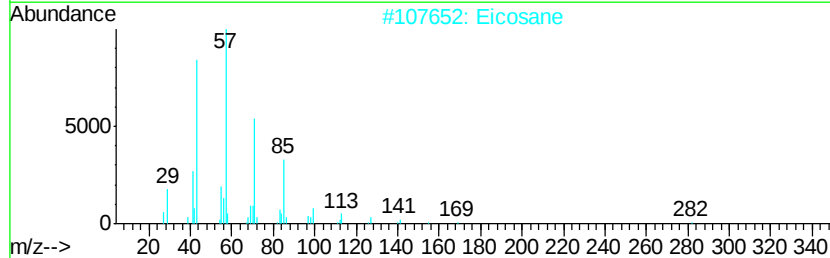
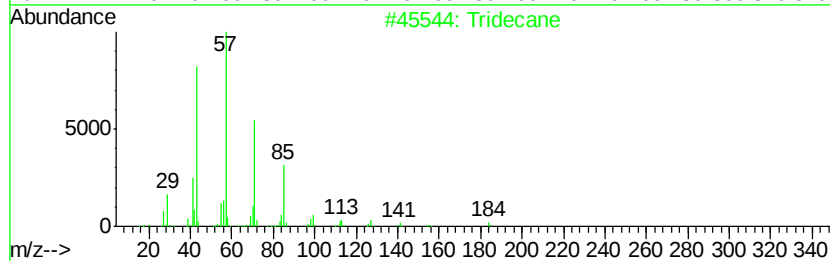
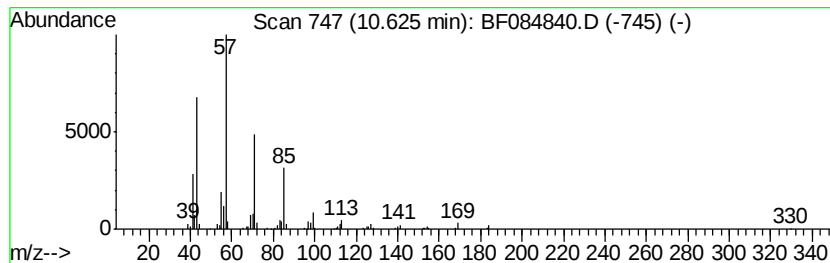
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	3.69 ng	272488	Phenanthrene-d10	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Pentadecane	212	C15H32	000629-62-9	80



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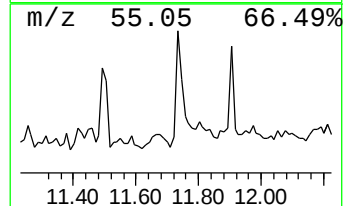
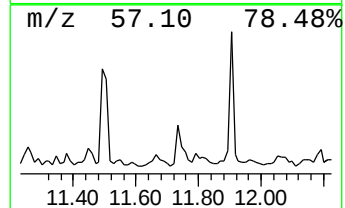
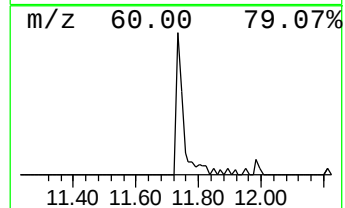
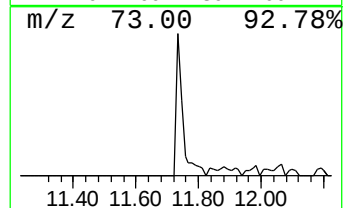
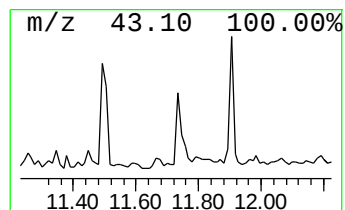
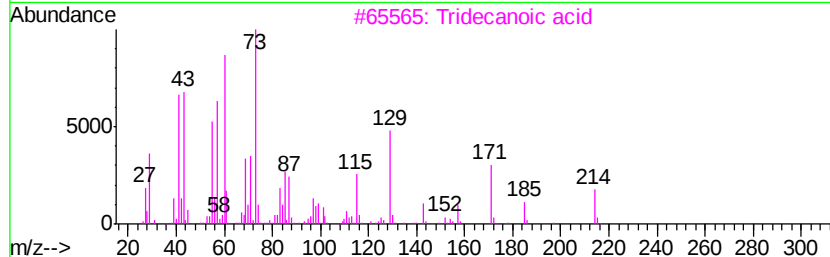
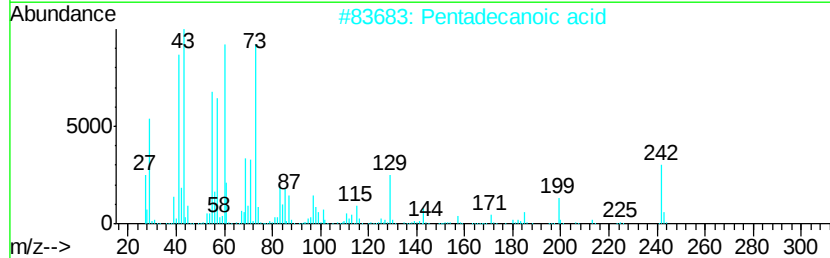
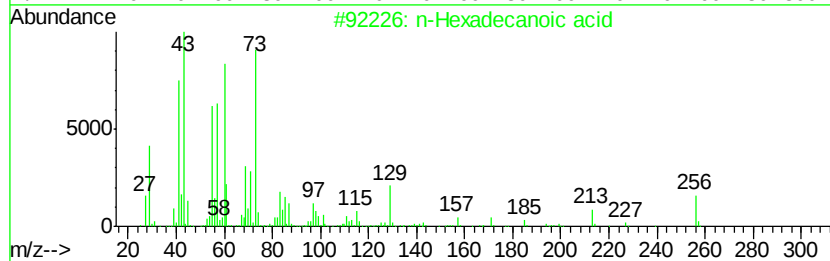
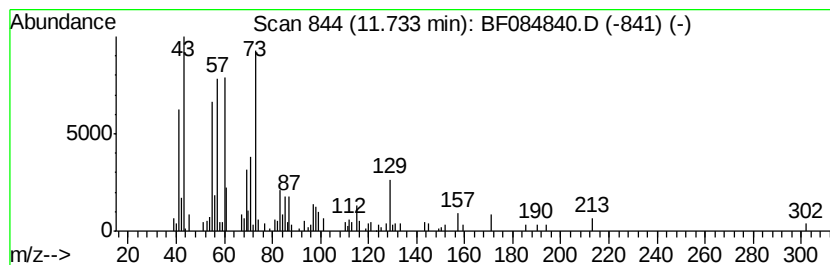
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	2.61 ng	193282	Phenanthrene-d10	11.18

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74	
5	Dodecanoic acid	200	C12H24O2	000143-07-7	72	



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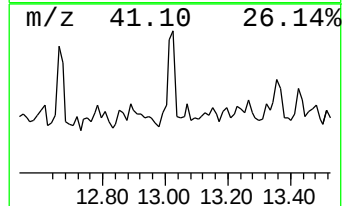
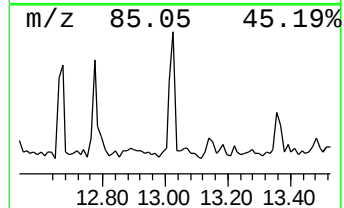
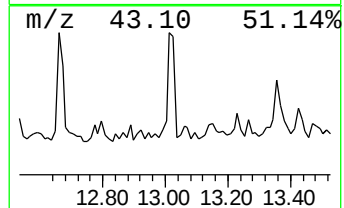
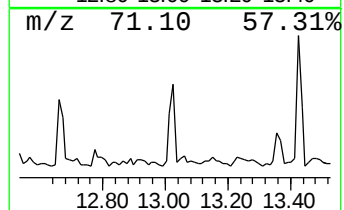
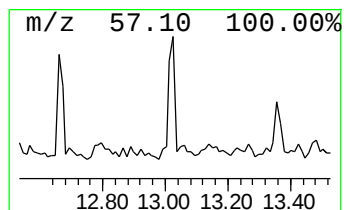
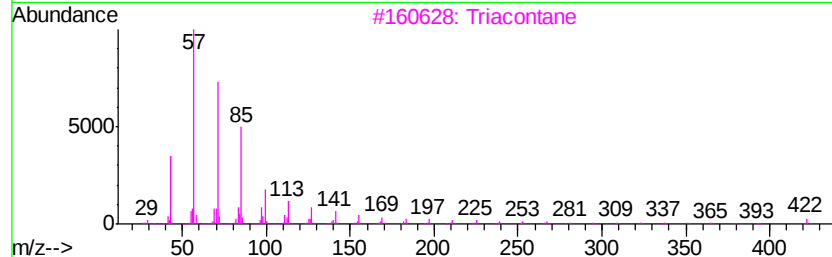
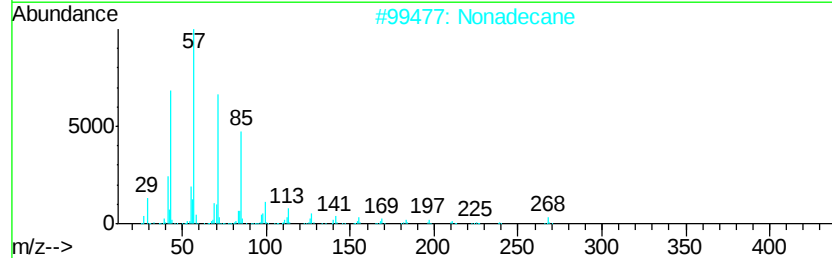
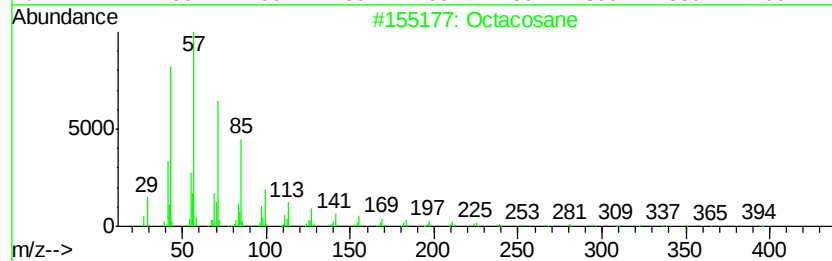
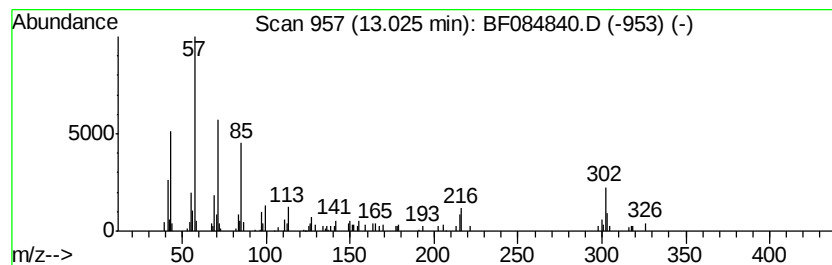
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.16 ng	118942	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	64
2		Nonadecane	268	C19H40	000629-92-5	58
3		Triacontane	422	C30H62	000638-68-6	58
4		Docosane	310	C22H46	000629-97-0	58
5		Eicosane	282	C20H42	000112-95-8	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084840.D
Acq On : 4 Feb 2016 20:40
Operator : SJ/IZ
Sample : H1320-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B012(30-32)

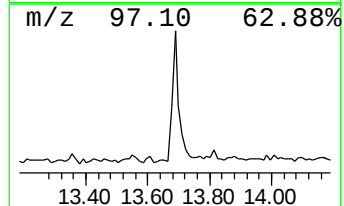
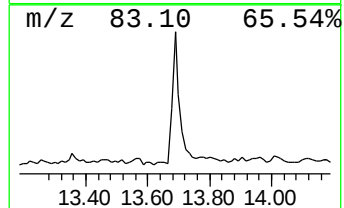
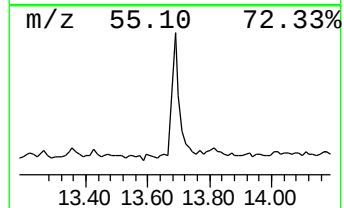
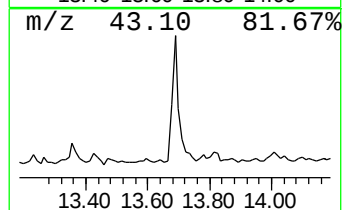
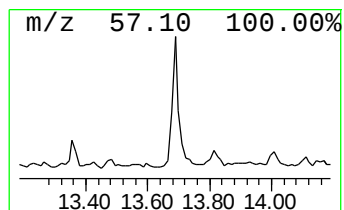
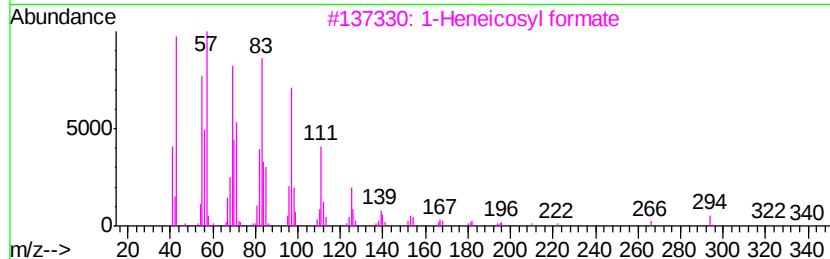
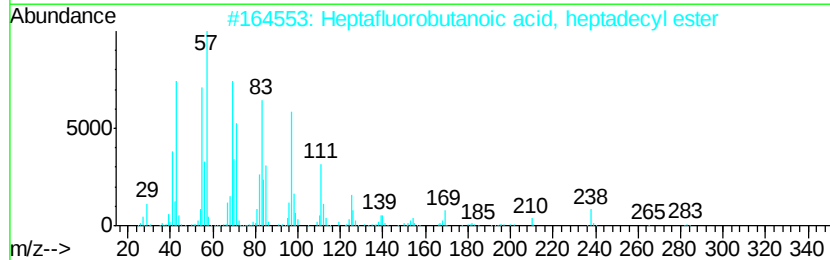
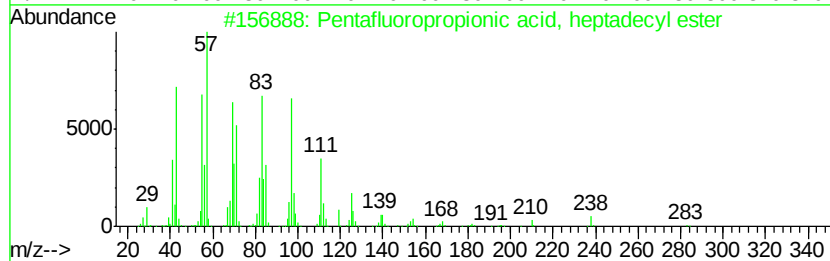
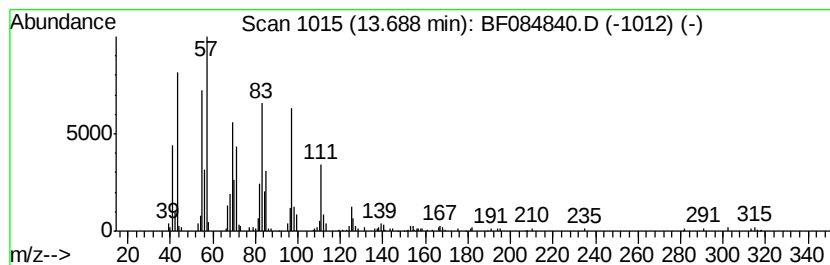
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Pentafluoropropionic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.69	7.45 ng	409454	Chrysene-d12	13.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
2		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
3		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020416\
Data File : BF084840.D
Acq On : 4 Feb 2016 20:40
Operator : SJ/IZ
Sample : H1320-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B012(30-32)

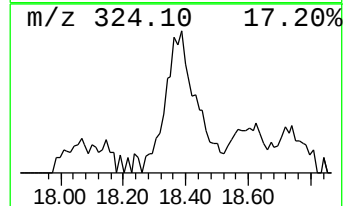
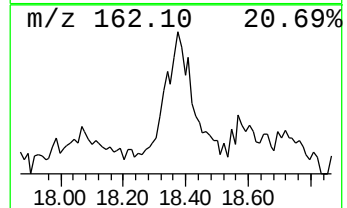
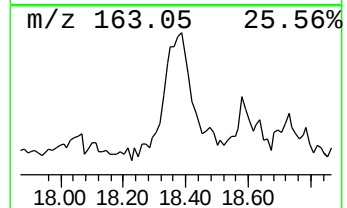
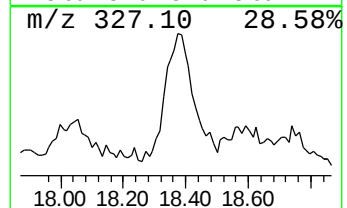
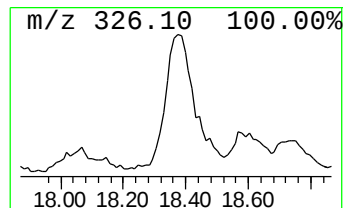
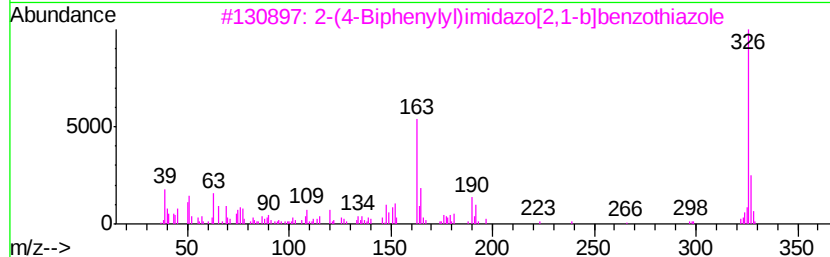
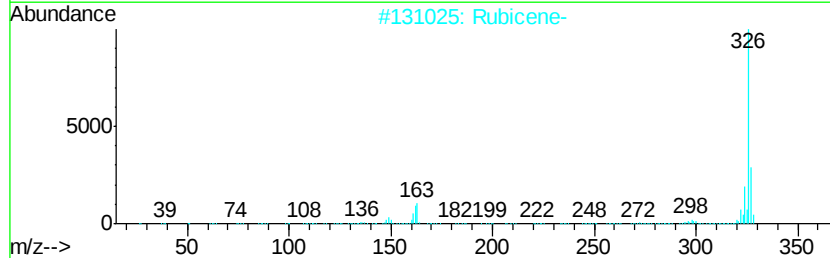
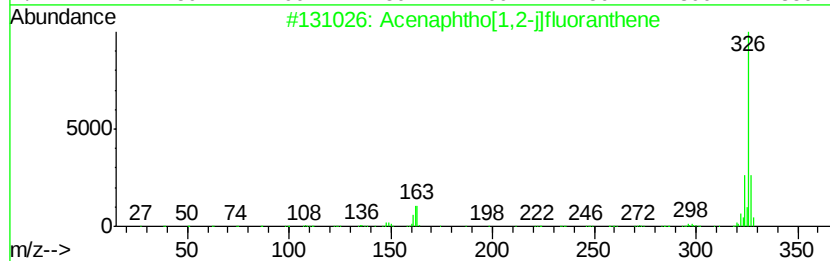
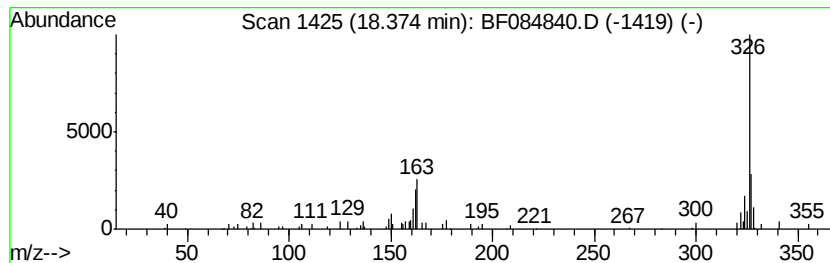
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Acenaphtho[1,2-j]fluoranthene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	4.15 ng	182418	Perylene-d12	15.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acenaphtho[1,2-il]fluoranthene	326	C26H14	000193-21-5	87
2		Rubicene-	326	C26H14	000197-61-5	87
3		2-(4-Biphenylvl)imidazo[2,1-b]be...	326	C21H14N2S	038956-29-5	64
4		Benzothiophene-3-carbonitrile, 4...	326	C18H18N2O2S	329722-10-3	50
5		Silane, (estra-1,3,5(10),16-tetr...	326	C21H30OSi	069688-27-3	50



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B012(30-32)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.83	39.2	ng	1958380	1	6.67	999829	20.0
unknown6.44	6.44	94.6	ng	4728320	1	6.67	999829	20.0
Tridecane	10.62	3.7	ng	272488	4	11.18	1478300	20.0
n-Hexadecanoic acid	11.73	2.6	ng	193282	4	11.18	1478300	20.0
Octacosane	13.03	2.2	ng	118942	5	13.81	1099160	20.0
Pentafluoropropio...	13.69	7.5	ng	409454	5	13.81	1099160	20.0
Acenaphtho[1,2-j]...	18.37	4.2	ng	182418	6	15.19	879271	20.0