

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079600.D
 Acq On : 30 May 2015 13:53
 Operator : TP/IZ
 Sample : G2416-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

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-BF052615.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	1.553	30	32	39	rBV	508520	1182765	12.82%	3.510%
2	1.655	39	41	71	rVB	3485306	9224179	100.00%	27.375%
3	4.639	300	302	312	rBV	66963	110046	1.19%	0.327%
4	5.199	349	351	363	rBV	1403372	1985173	21.52%	5.891%
5	6.536	466	468	476	rBV	1931240	2131093	23.10%	6.324%
6	6.650	476	478	481	rVV	2133484	2131129	23.10%	6.325%
7	6.936	501	503	505	rBV	346145	369501	4.01%	1.097%
8	7.119	516	519	521	rBV	1766263	1674125	18.15%	4.968%
9	7.633	562	564	567	rBV	1282914	1249079	13.54%	3.707%
10	8.513	639	641	643	rBV	529699	544464	5.90%	1.616%
11	9.862	757	759	761	rBV	2836775	2683935	29.10%	7.965%
12	10.376	802	804	806	rBV	333933	380716	4.13%	1.130%
13	10.673	826	830	833	rBV	602501	612249	6.64%	1.817%
14	11.656	913	916	919	rBV	1611590	1692059	18.34%	5.022%
15	11.862	932	934	938	rBV	60813	113086	1.23%	0.336%
16	12.502	988	990	992	rBV	432440	597849	6.48%	1.774%
17	12.536	992	993	995	rVB	124402	102576	1.11%	0.304%
18	13.257	1051	1056	1059	rBV2	108456	202442	2.19%	0.601%
19	14.011	1119	1122	1124	rVB	140534	171968	1.86%	0.510%
20	14.285	1144	1146	1148	rVB	167432	186964	2.03%	0.555%
21	14.502	1162	1165	1168	rBV	2682529	2881836	31.24%	8.552%
22	15.680	1266	1268	1274	rVV	337813	522162	5.66%	1.550%
23	15.783	1274	1277	1279	rVV	637591	818433	8.87%	2.429%
24	16.091	1302	1304	1307	rBV	78930	127817	1.39%	0.379%
25	16.491	1337	1339	1345	rVB	126650	182413	1.98%	0.541%
26	17.063	1386	1389	1395	rBV	109033	274352	2.97%	0.814%
27	17.268	1405	1407	1411	rBV2	57909	107725	1.17%	0.320%
28	17.440	1420	1422	1425	rVB	84046	105643	1.15%	0.314%
29	17.508	1425	1428	1434	rBV	455316	728874	7.90%	2.163%
30	18.080	1476	1478	1481	rVV2	53565	102186	1.11%	0.303%
31	18.800	1538	1541	1547	rBV2	64797	166915	1.81%	0.495%
32	19.166	1571	1573	1579	rVB	50180	97688	1.06%	0.290%
33	19.669	1613	1617	1624	rVB3	68826	234757	2.55%	0.697%

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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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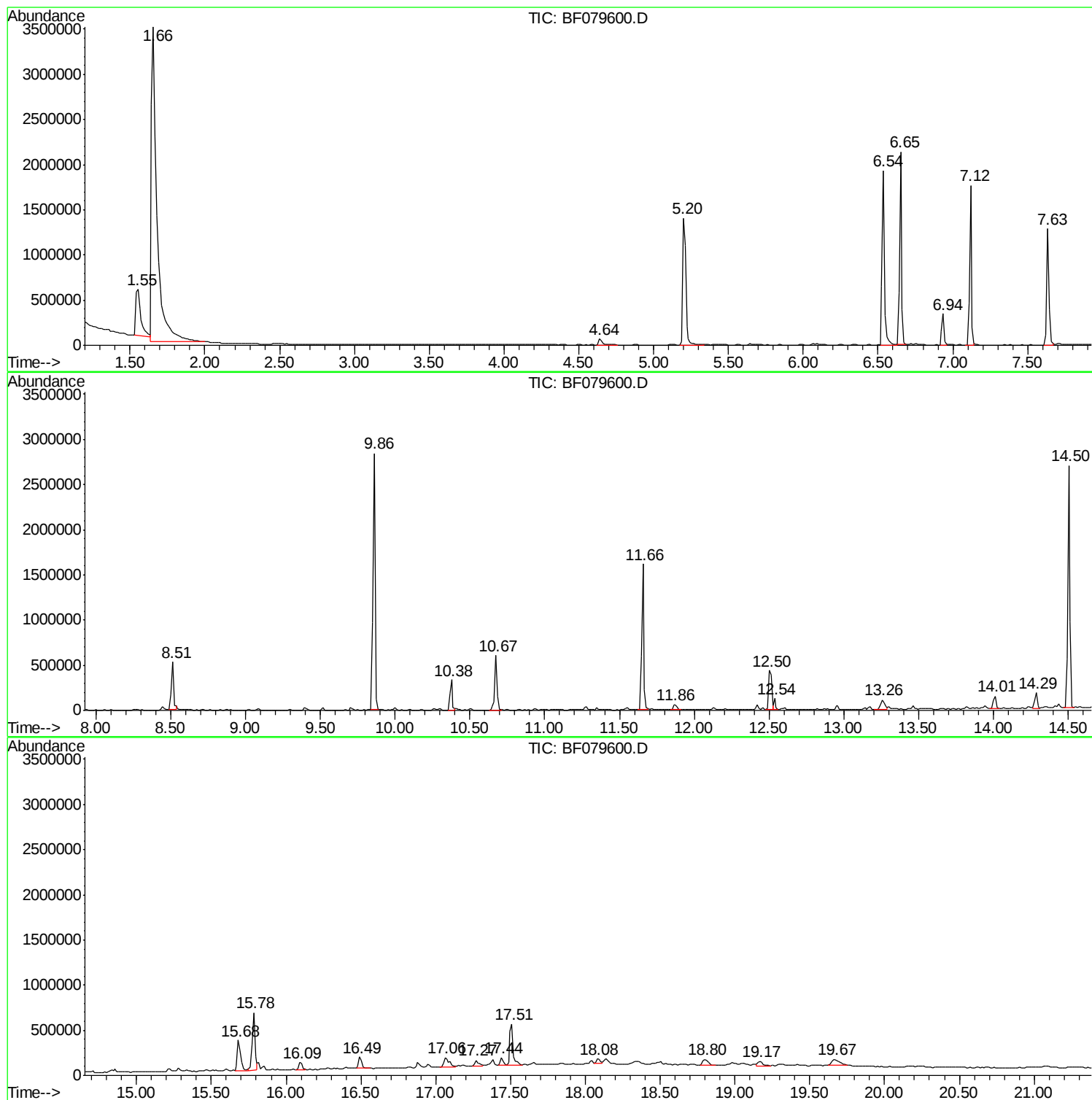
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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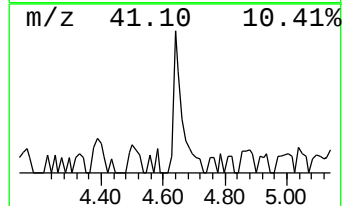
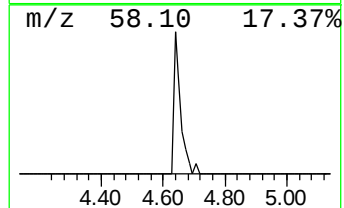
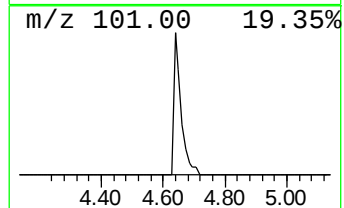
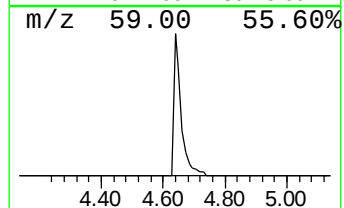
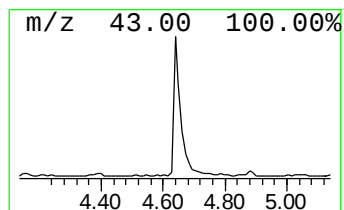
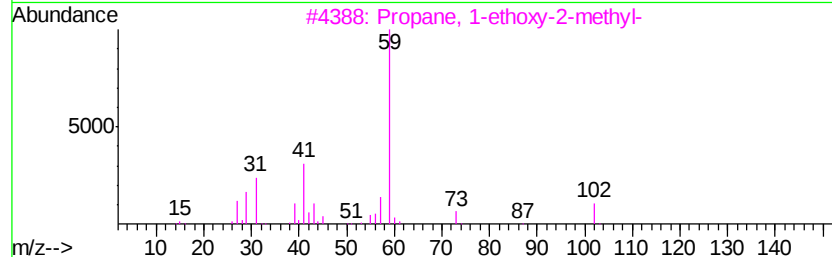
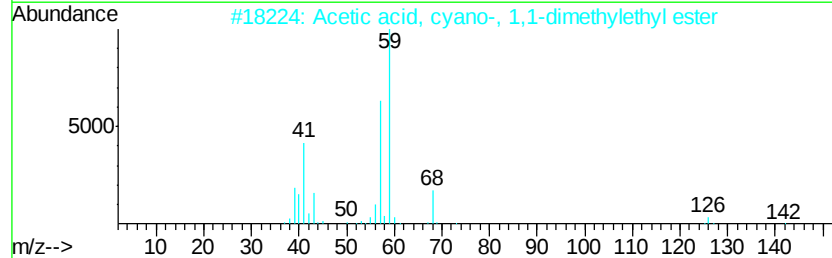
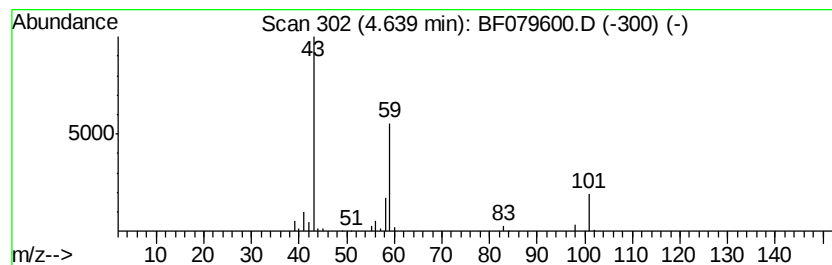
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	5.96 ng	110046	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
3		Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9



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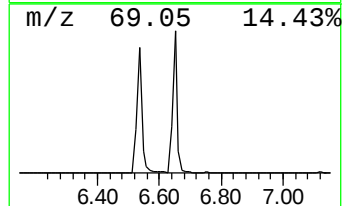
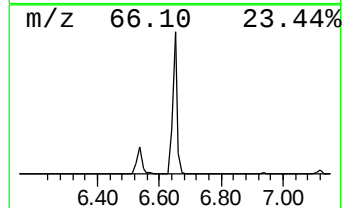
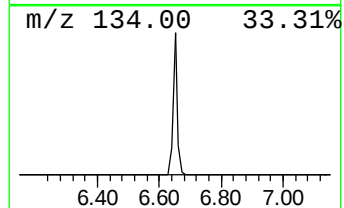
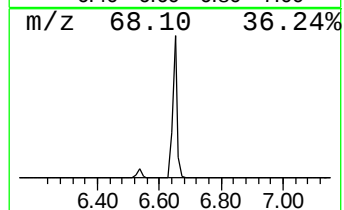
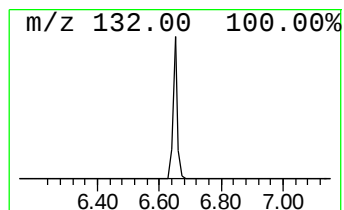
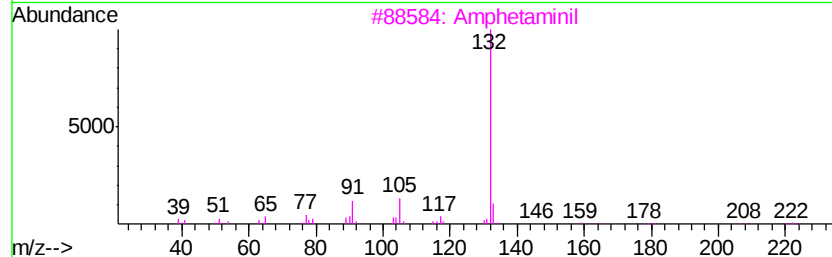
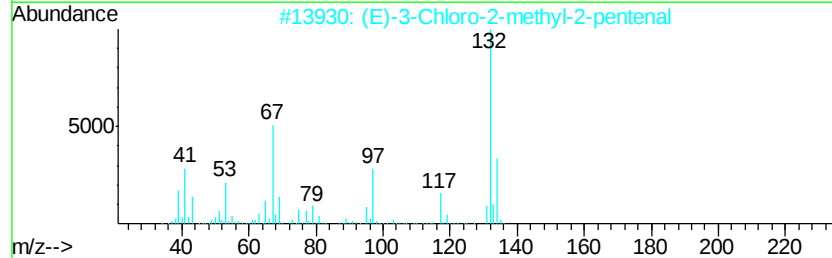
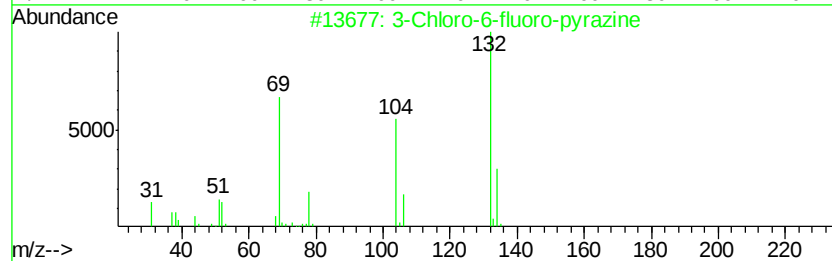
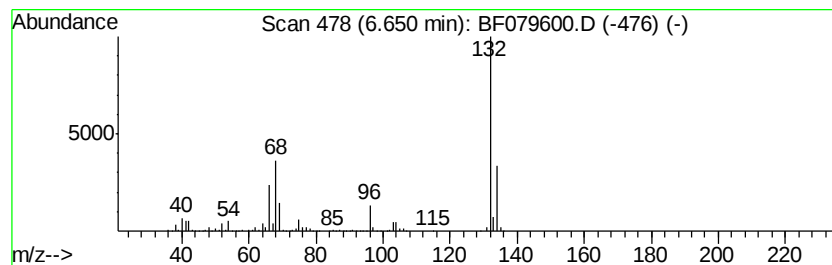
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	115.35 ng	2131130	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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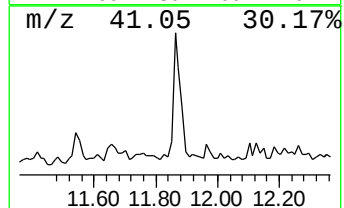
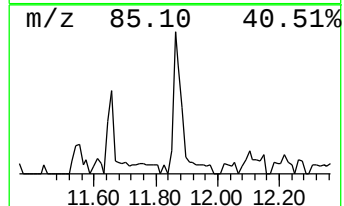
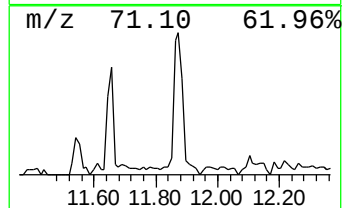
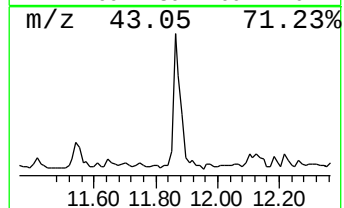
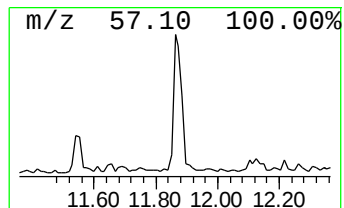
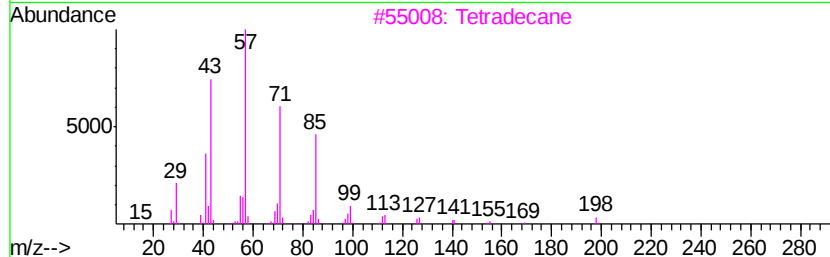
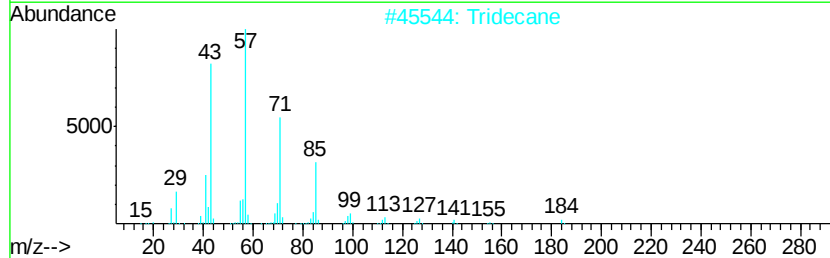
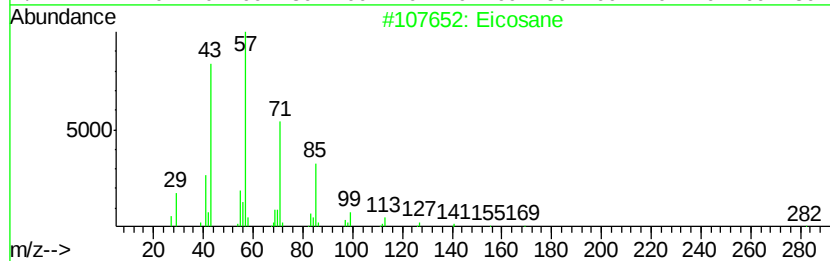
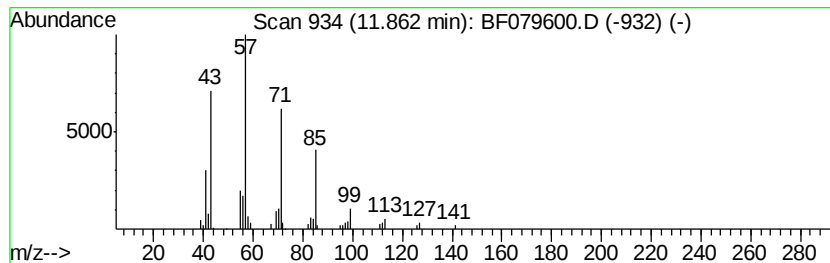
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.78 ng	113086	Phenanthrene-d10	12.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83



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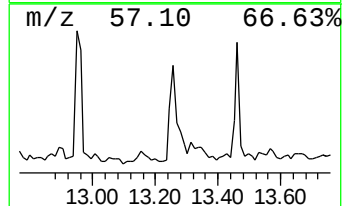
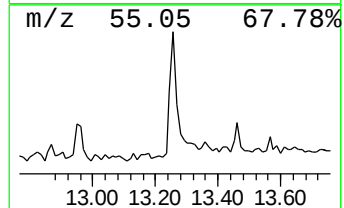
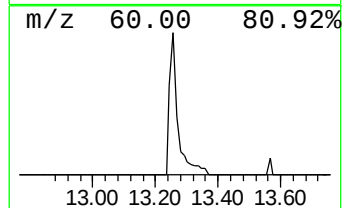
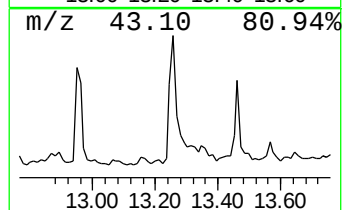
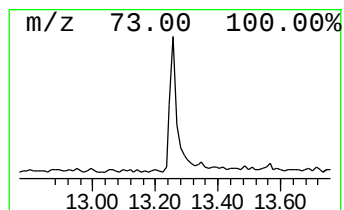
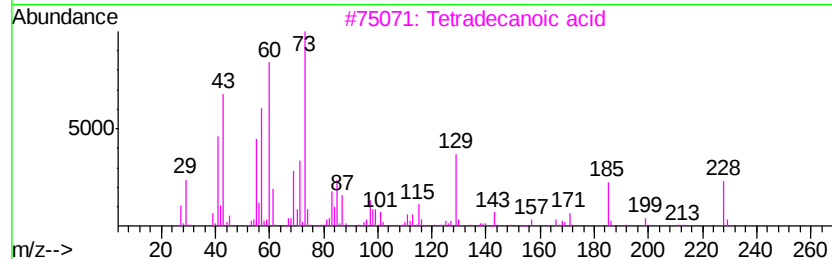
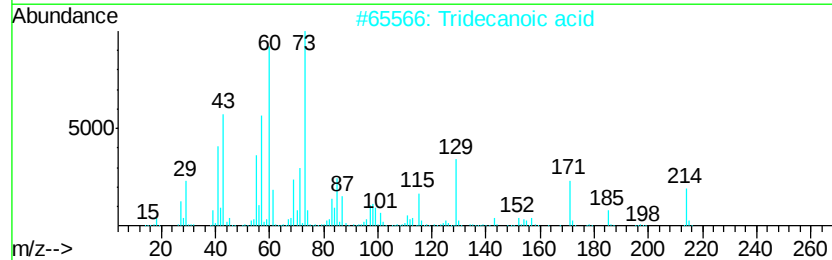
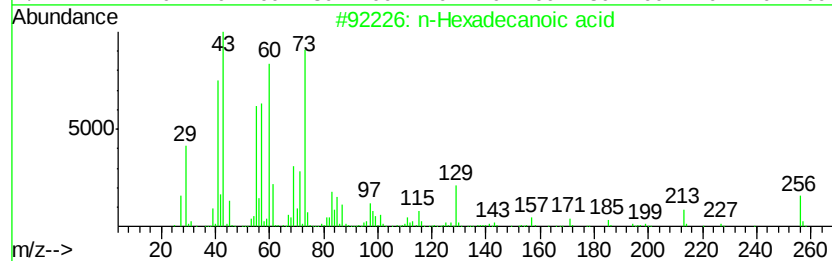
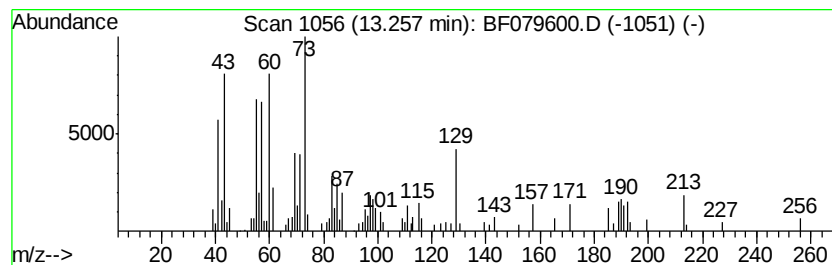
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	6.77 ng	202442	Phenanthrene-d10	12.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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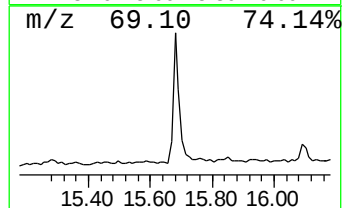
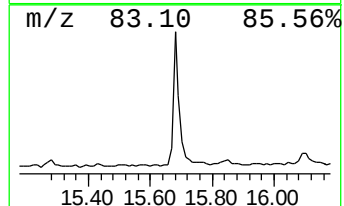
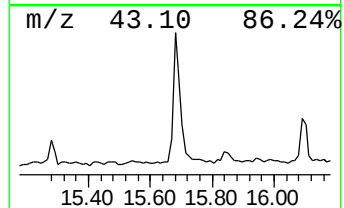
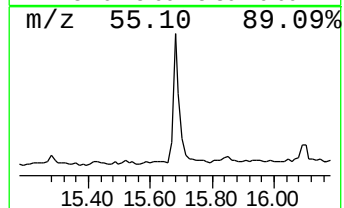
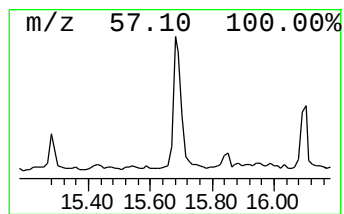
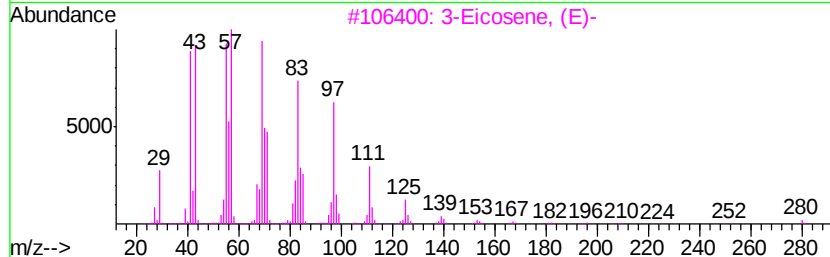
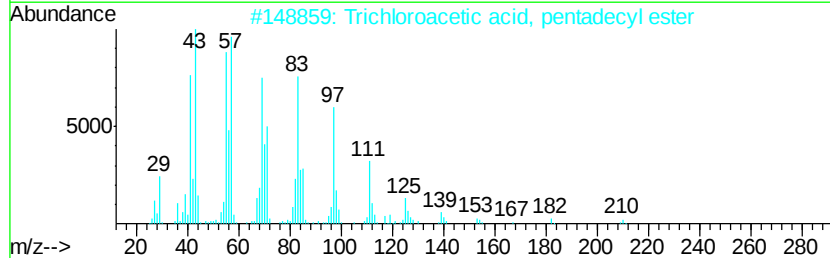
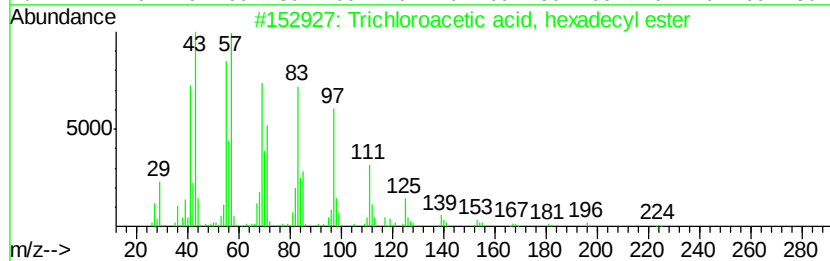
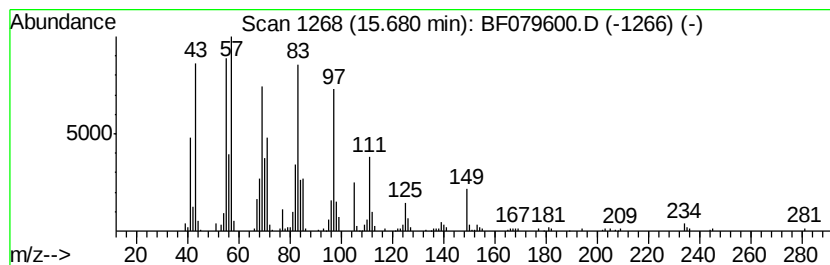
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Trichloroacetic acid, hexadec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	12.76 ng	522162	Chrysene-d12	15.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4		1-Nonadecene	266	C19H38	018435-45-5	90
5		2-Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90



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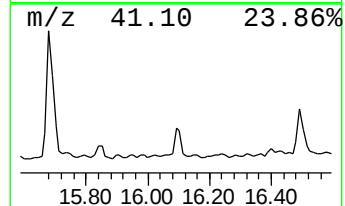
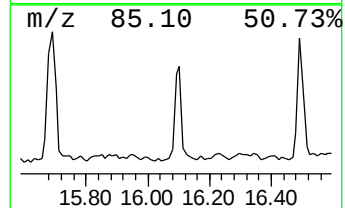
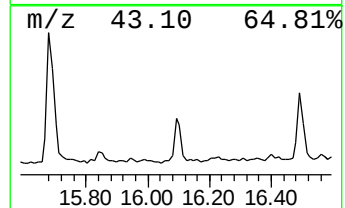
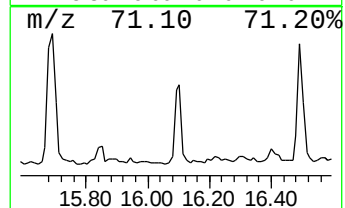
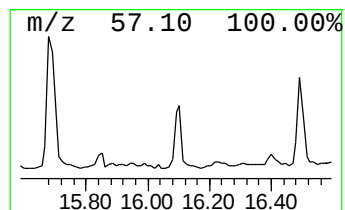
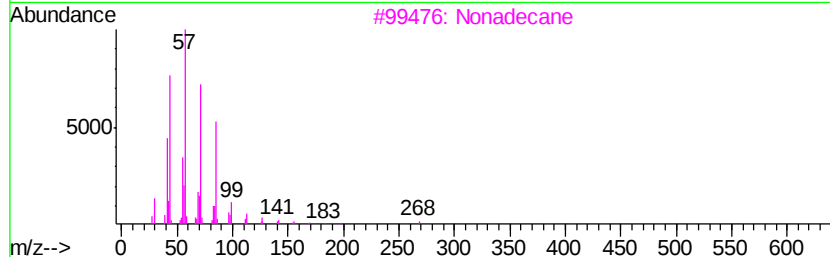
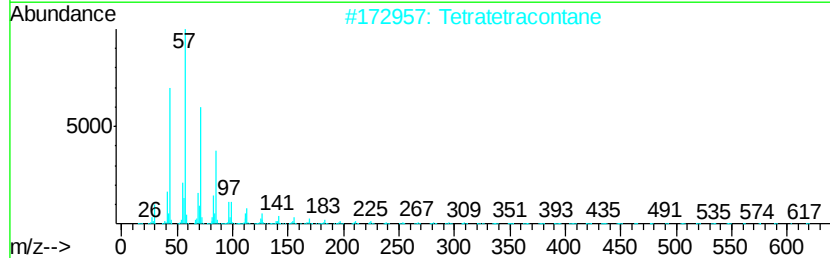
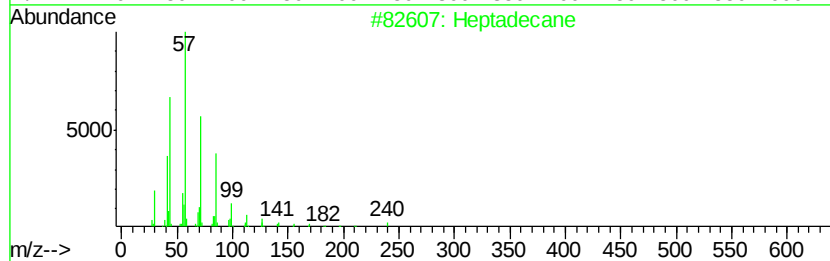
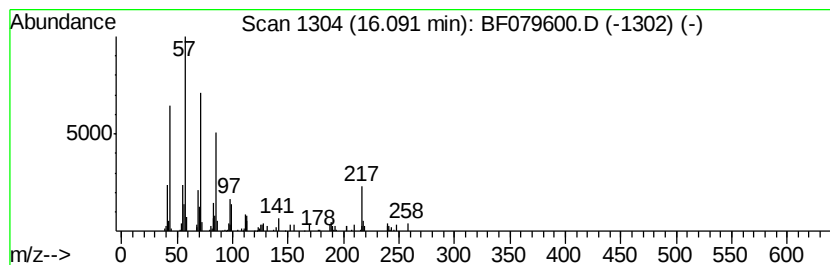
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	3.12 ng	127817	Chrysene-d12	15.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	89
2	Tetratetracontane	619 C44H90	007098-22-8	68
3	Nonadecane	268 C19H40	000629-92-5	58
4	Tetradecane	198 C14H30	000629-59-4	58
5	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079600.D
Acq On : 30 May 2015 13:53
Operator : TP/IZ
Sample : G2416-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

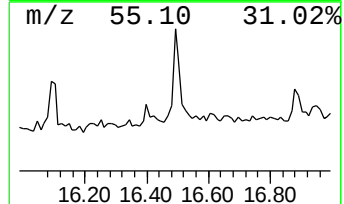
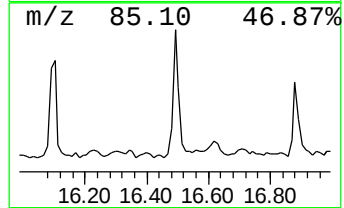
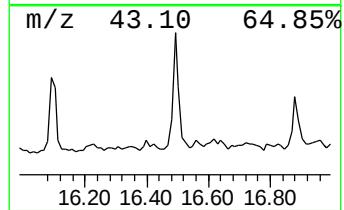
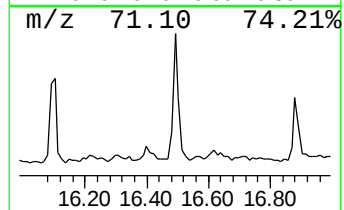
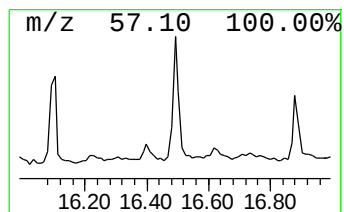
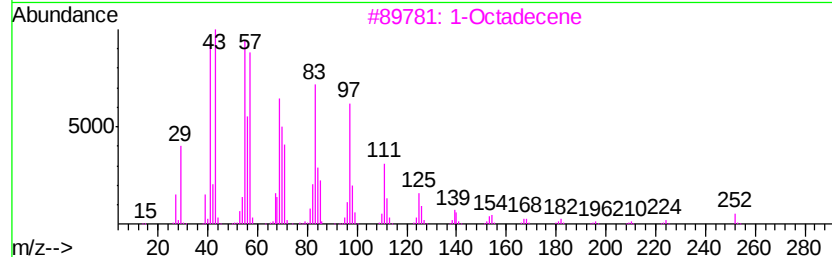
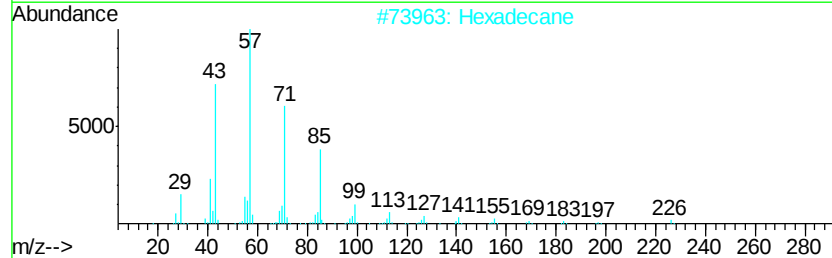
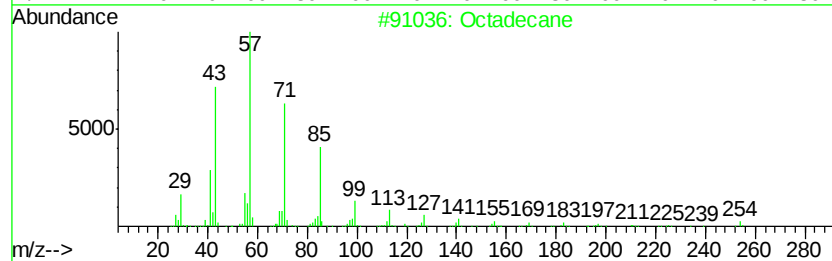
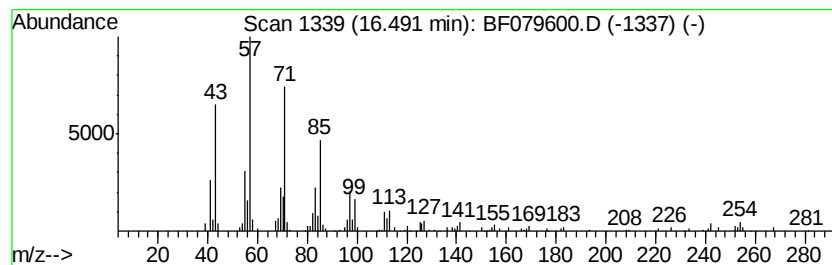
Instrument :
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ClientSampleId :
PULASKIST7.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	4.46 ng	182413	Chrysene-d12	15.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	97
2	Hexadecane	226 C16H34	000544-76-3	94
3	1-Octadecene	252 C18H36	000112-88-9	91
4	Heptacosane, 1-chloro-	414 C27H55Cl	062016-79-9	91
5	Tritetracontane	605 C43H88	007098-21-7	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079600.D
Acq On : 30 May 2015 13:53
Operator : TP/IZ
Sample : G2416-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

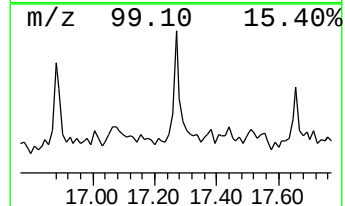
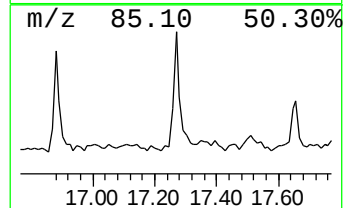
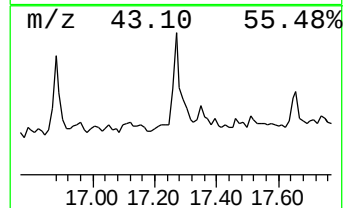
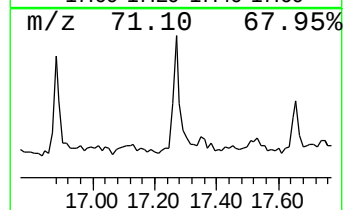
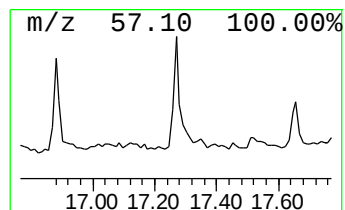
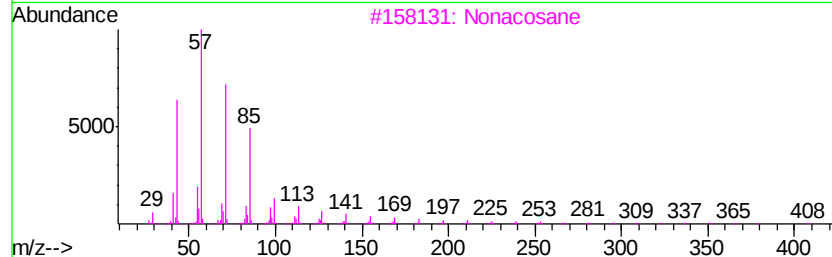
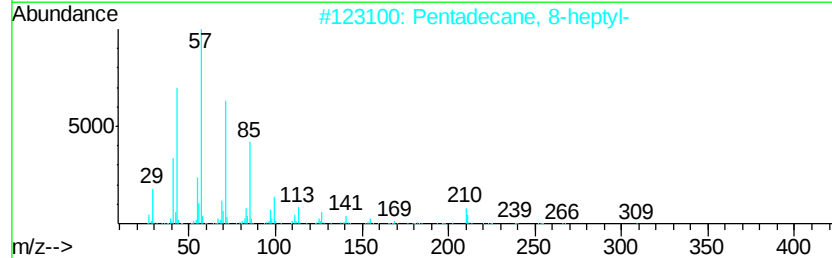
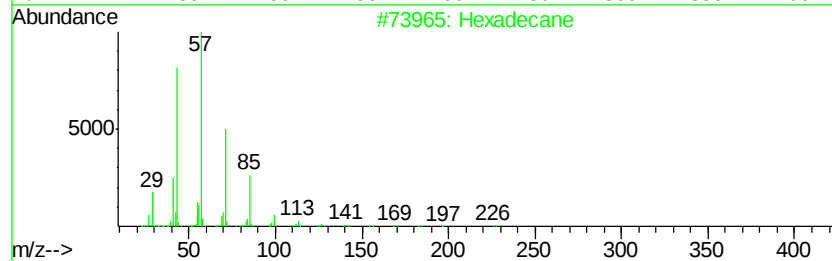
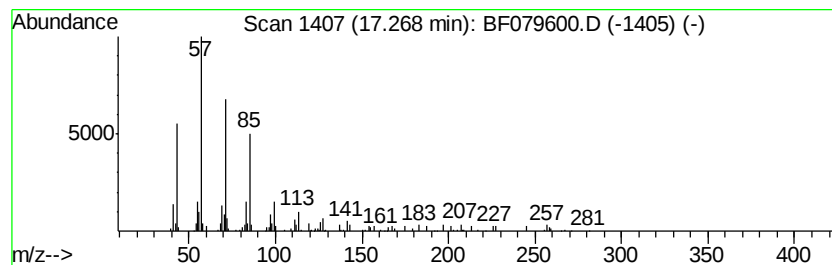
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.96 ng	107725	Perylene-d12	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
3		Nonacosane	408	C29H60	000630-03-5	86
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5		Docosane	310	C22H46	000629-97-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079600.D
Acq On : 30 May 2015 13:53
Operator : TP/IZ
Sample : G2416-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

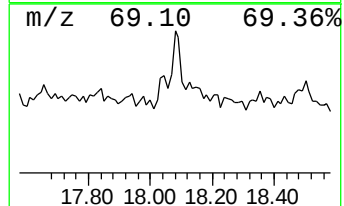
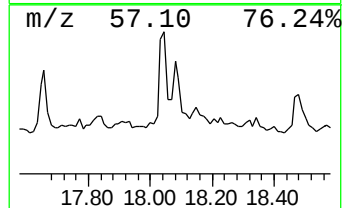
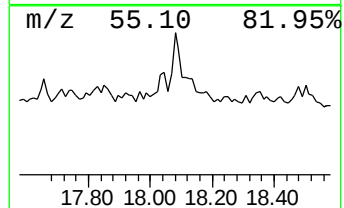
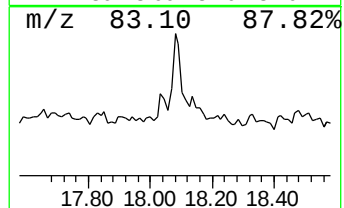
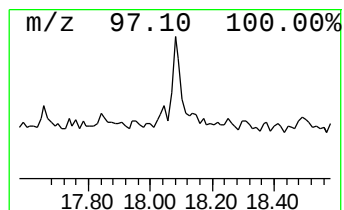
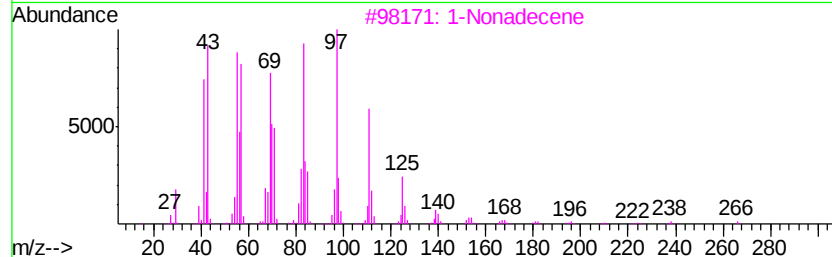
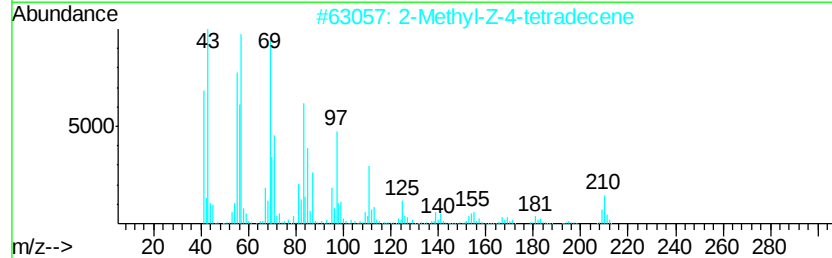
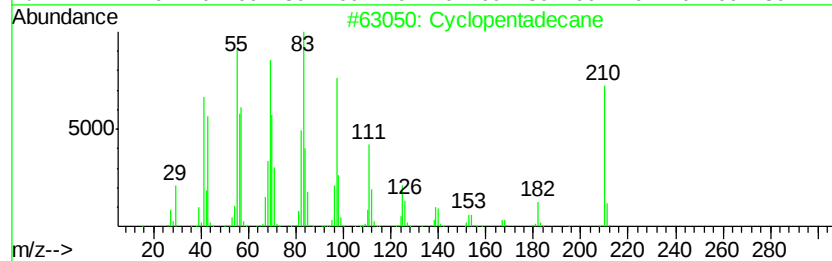
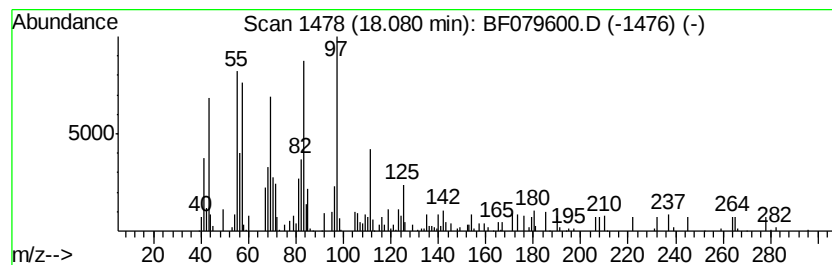
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.80 ng	102186	Perylene-d12	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	80
2		2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	70
3		1-Nonadecene	266	C19H38	018435-45-5	68
4		1-Pentadecanol	228	C15H32O	000629-76-5	64
5		4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079600.D
Acq On : 30 May 2015 13:53
Operator : TP/IZ
Sample : G2416-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

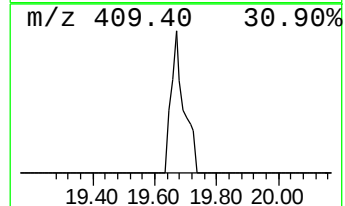
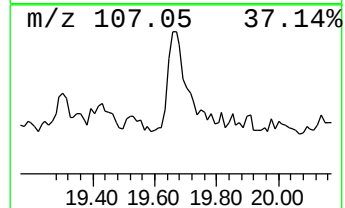
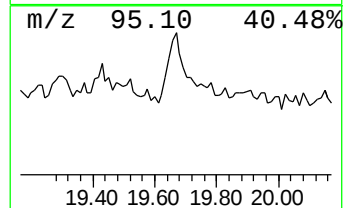
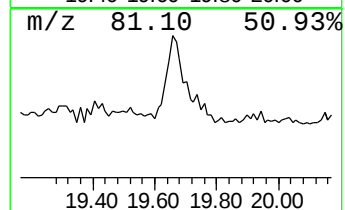
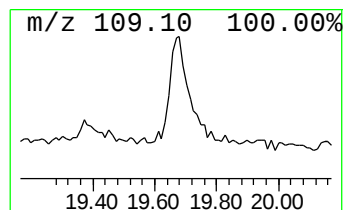
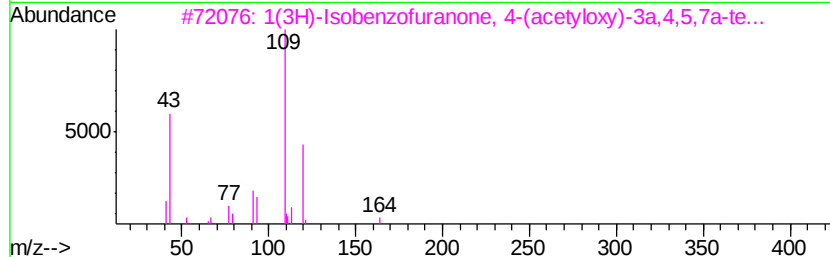
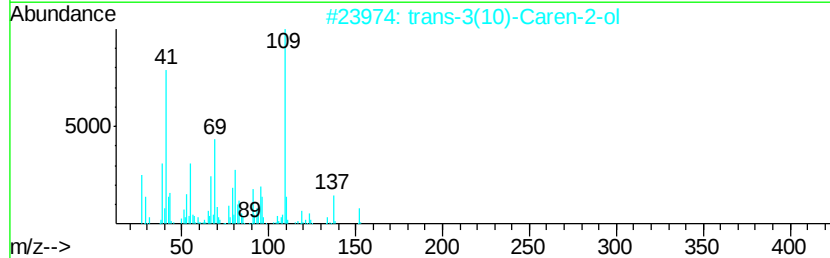
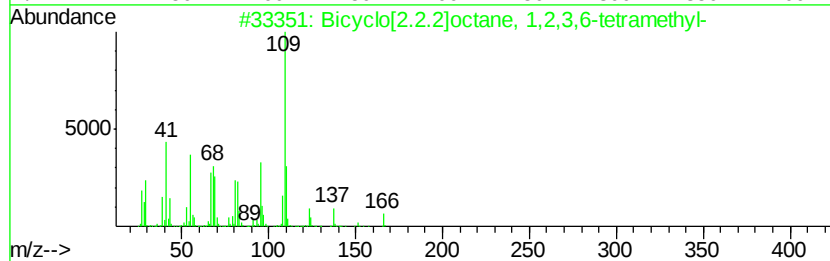
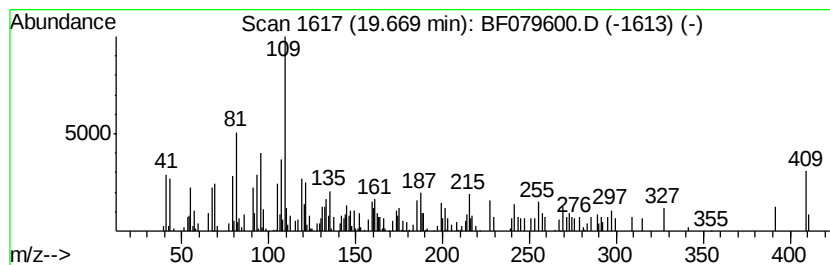
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown19.67 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	6.44 ng	234757	Perylene-d12	17.51

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[2.2.2]octane, 1,2,3,6-te...	166	C12H22	062338-45-8	35
2		trans-3(10)-Caren-2-ol	152	C10H16O	1000151-66-5	30
3		1(3H)-Isobenzofuranone, 4-(acety...	224	C12H16O4	054346-07-5	27
4		Benzene, 1-(bromomethyl)-4-fluoro-	188	C7H6BrF	000459-46-1	27
5		Benzene, 1-(bromomethyl)-3-fluoro-	188	C7H6BrF	000456-41-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079600.D
 Acq On : 30 May 2015 13:53
 Operator : TP/IZ
 Sample : G2416-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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...	4.64	6.0	ng	110046	1	6.94	369501	20.0
unknown6.65	6.65	115.3	ng	2131130	1	6.94	369501	20.0
Eicosane	11.86	3.8	ng	113086	4	12.51	597849	20.0
n-Hexadecanoic acid	13.26	6.8	ng	202442	4	12.51	597849	20.0
Trichloroacetic a...	15.68	12.8	ng	522162	5	15.78	818433	20.0
Heptadecane	16.09	3.1	ng	127817	5	15.78	818433	20.0
Octadecane	16.49	4.5	ng	182413	5	15.78	818433	20.0
Hexadecane	17.27	3.0	ng	107725	6	17.51	728874	20.0
Cyclopentadecane	18.08	2.8	ng	102186	6	17.51	728874	20.0
unknown19.67	19.67	6.4	ng	234757	6	17.51	728874	20.0