

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089251.D
 Acq On : 24 Jul 2016 00:30
 Operator : UM/SJ
 Sample : H4129-08
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

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-BF072016.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	1.701	8	10	21	rVB	308179	591126	31.18%	3.566%
2	1.861	21	24	27	rVV	329028	414153	21.85%	2.499%
3	1.953	30	32	47	rVB	193649	323202	17.05%	1.950%
4	2.593	86	88	97	rBV	6754	26494	1.40%	0.160%
5	3.164	134	138	150	rBV	403541	845343	44.59%	5.100%
6	4.696	269	272	280	rBV	49687	100166	5.28%	0.604%
7	5.153	309	312	343	rBV	1075101	1563680	82.49%	9.434%
8	6.239	404	407	414	rBV	1229265	1634372	86.22%	9.860%
9	6.342	414	416	419	rBV	1161154	1479824	78.07%	8.928%
10	6.582	435	437	448	rBV	168275	276829	14.60%	1.670%
11	6.730	448	450	453	rBV	1162007	1133647	59.80%	6.839%
12	7.153	484	487	496	rBV	848994	1056816	55.75%	6.376%
13	7.279	496	498	503	rVB	16731	28173	1.49%	0.170%
14	7.862	547	549	559	rBV	424793	397746	20.98%	2.400%
15	8.948	641	644	646	rBV	1830317	1895614	100.00%	11.436%
16	9.348	676	679	681	rBV	593687	603055	31.81%	3.638%
17	9.611	700	702	704	rBV	443150	412093	21.74%	2.486%
18	10.399	768	771	773	rBV	829171	966822	51.00%	5.833%
19	10.525	781	782	787	rVB	14379	20038	1.06%	0.121%
20	10.971	819	821	823	rBV	17635	20359	1.07%	0.123%
21	11.085	829	831	833	rBV	330511	358048	18.89%	2.160%
22	11.336	851	853	857	rBV	19623	36918	1.95%	0.223%
23	11.394	857	858	861	rVB	16937	20490	1.08%	0.124%
24	12.502	953	955	958	rBV	116527	135157	7.13%	0.815%
25	12.582	961	962	965	rVB	30247	23951	1.26%	0.144%
26	12.662	967	969	972	rBV	997536	1212153	63.95%	7.313%
27	13.211	1014	1017	1019	rBV	87610	84335	4.45%	0.509%
28	13.257	1019	1021	1022	rBV	19941	19325	1.02%	0.117%
29	13.577	1046	1049	1058	rBV	74346	115090	6.07%	0.694%
30	13.702	1058	1060	1065	rBV	263935	268973	14.19%	1.623%
31	13.897	1074	1077	1079	rBV	32397	30953	1.63%	0.187%
32	14.194	1098	1103	1107	rBV2	17515	37945	2.00%	0.229%
33	14.491	1127	1129	1131	rBV	32542	28847	1.52%	0.174%
34	14.777	1152	1154	1156	rBV	26664	26939	1.42%	0.163%

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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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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.051	1175	1178	1180	rBV	168554	248164	13.09%	1.497%
36	15.097	1180	1182	1186	rVB	28807	35982	1.90%	0.217%
37	15.451	1211	1213	1215	rBV	24895	34379	1.81%	0.207%
38	15.863	1244	1249	1255	rBV2	21077	44573	2.35%	0.269%
39	16.343	1287	1291	1293	rBV	11134	23550	1.24%	0.142%

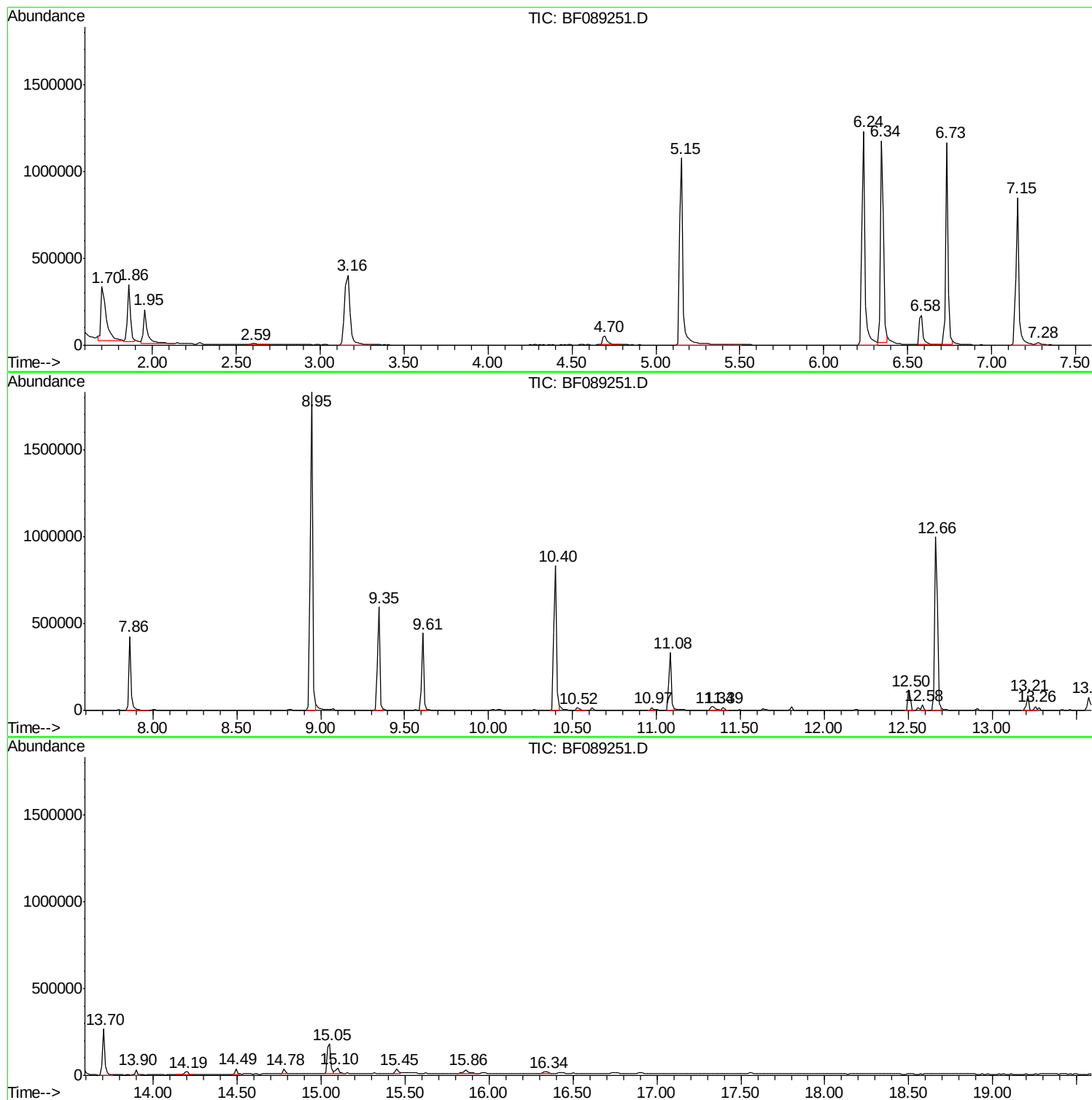
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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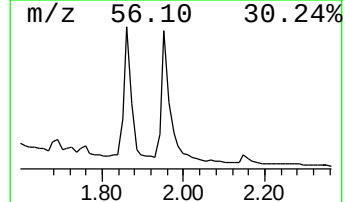
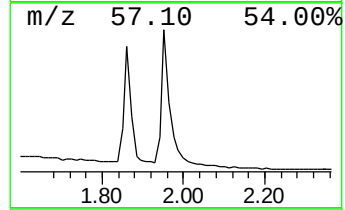
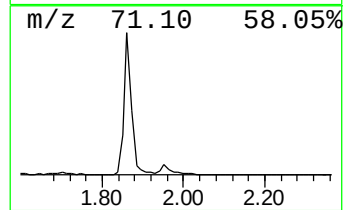
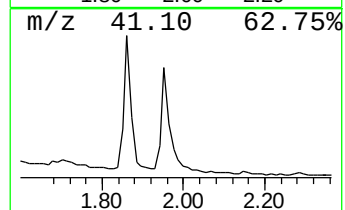
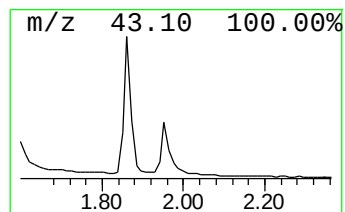
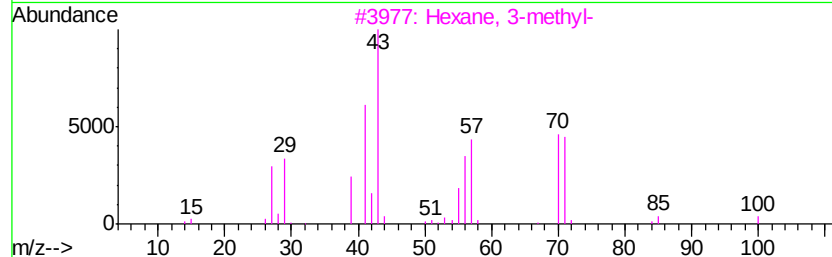
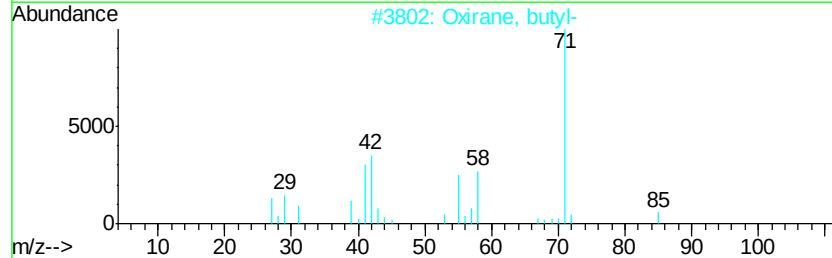
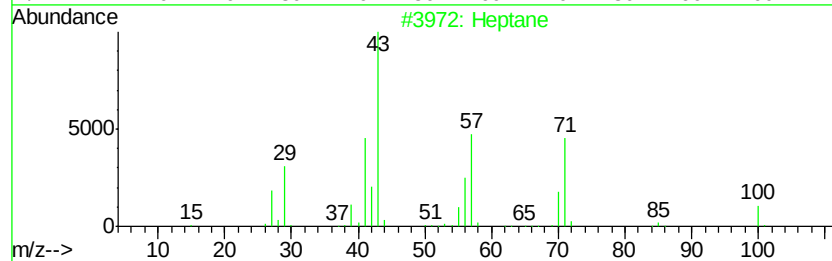
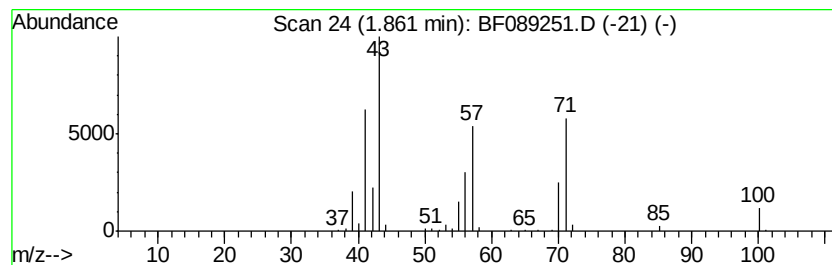
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	29.92 ng	414153	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	94
2		Oxirane, butyl-	100	C6H12O	001436-34-6	43
3		Hexane, 3-methyl-	100	C7H16	000589-34-4	42
4		Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	40
5		Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	40



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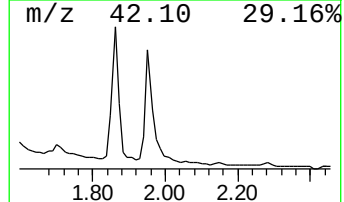
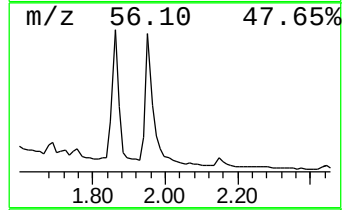
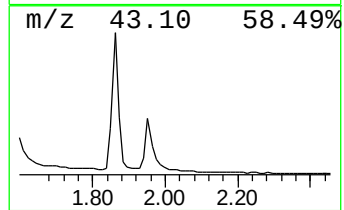
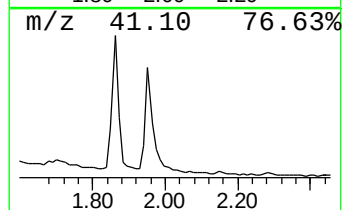
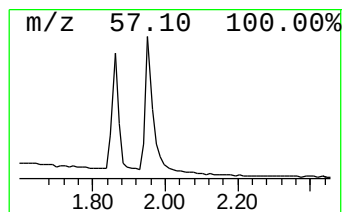
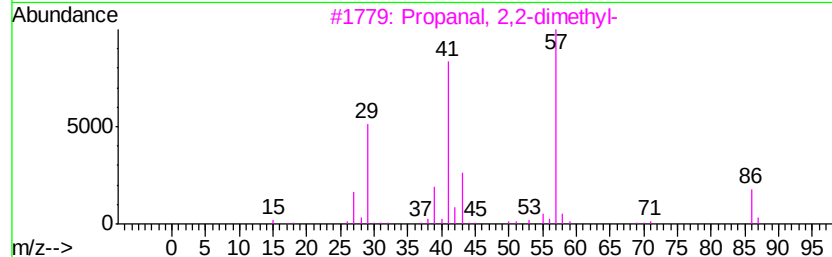
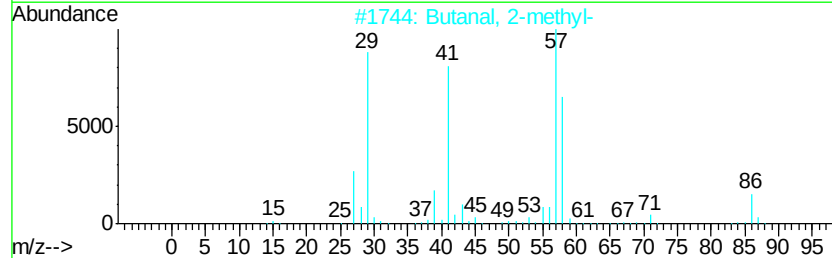
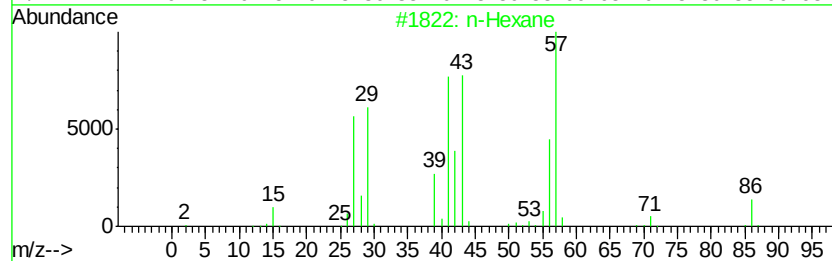
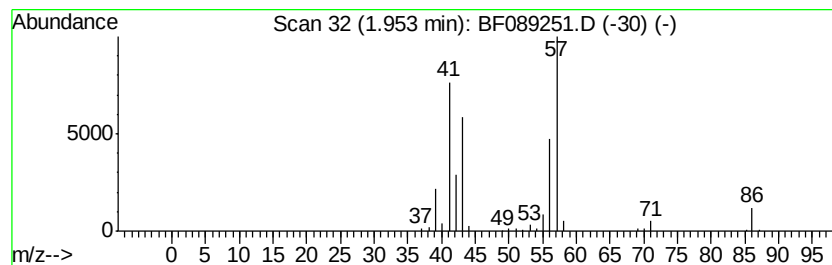
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TIC Library : C:\Database\NIST11.L
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Peak Number 3 n-Hexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.95	23.35 ng	323202	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
3		Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38
4		1-Butanol, 3,3-dimethyl-	102	C6H14O	000624-95-3	36
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	32



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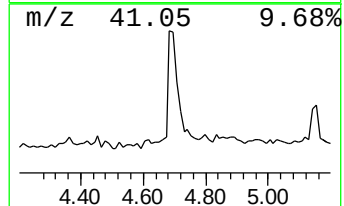
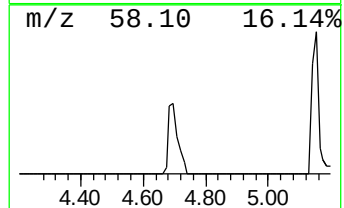
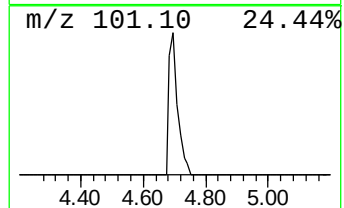
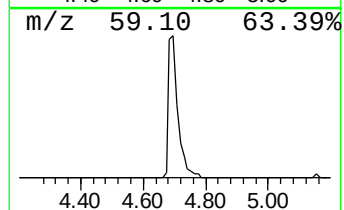
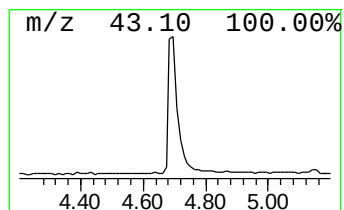
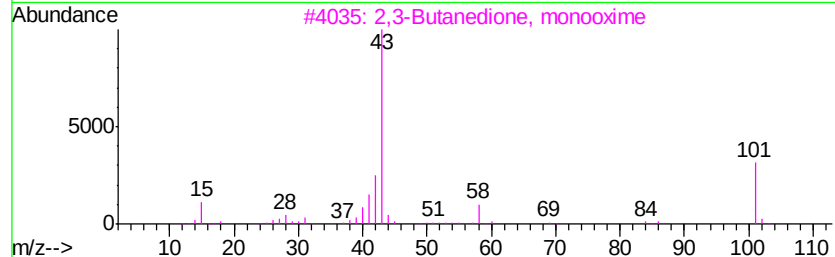
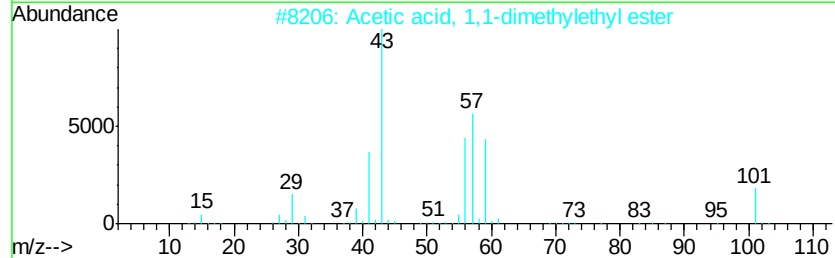
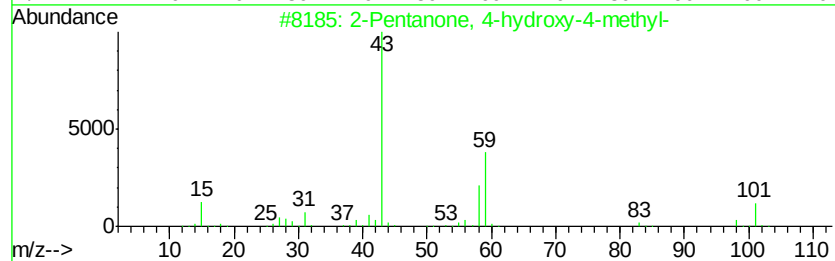
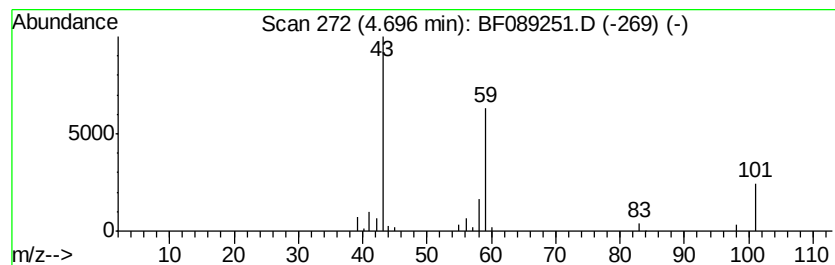
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	7.24 ng	100166	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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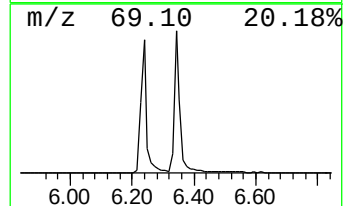
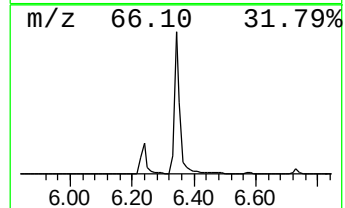
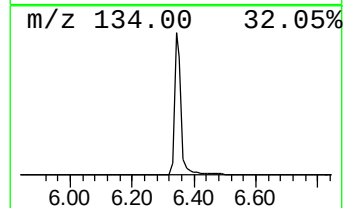
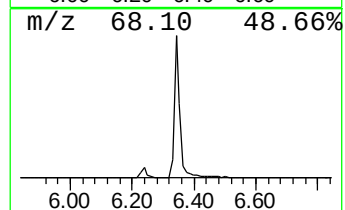
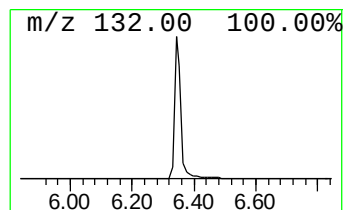
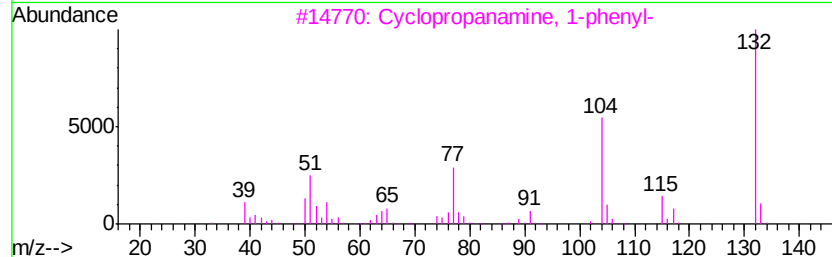
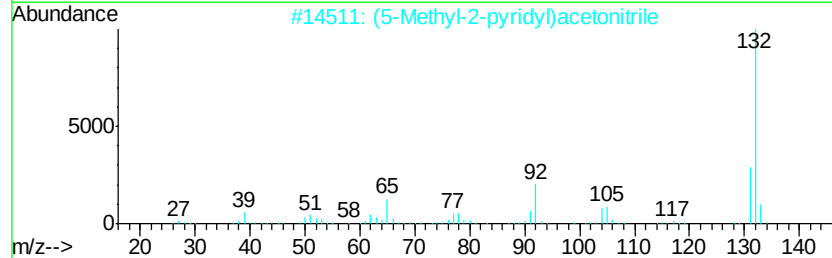
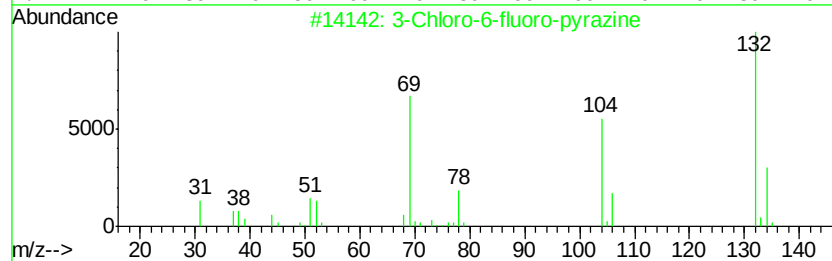
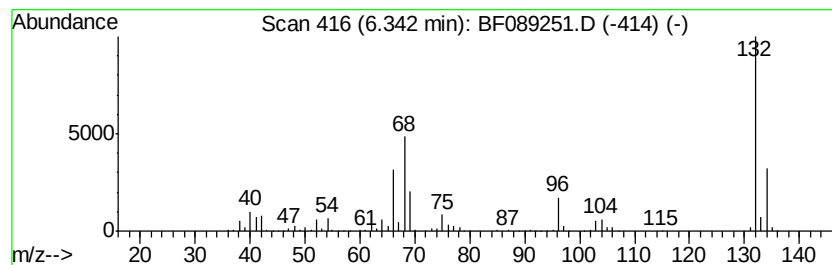
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TIC Library : C:\Database\NIST11.L
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Peak Number 6 unknown6.34 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	106.91 ng	1479820	1,4-Dichlorobenzene-d4	6.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
3		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



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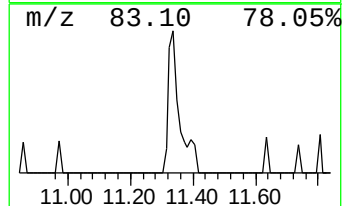
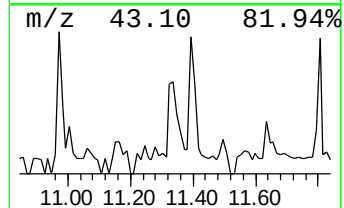
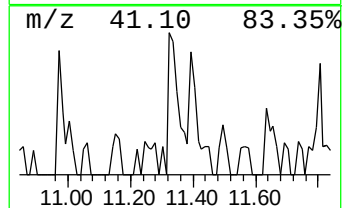
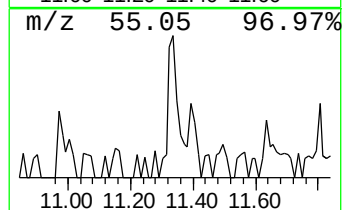
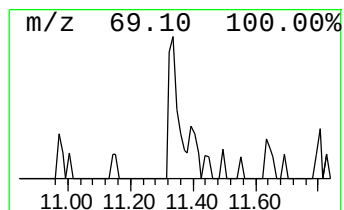
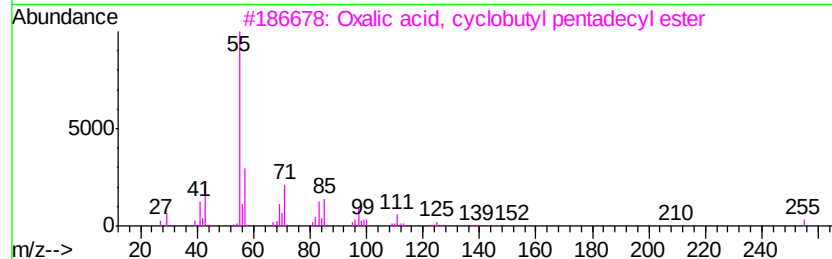
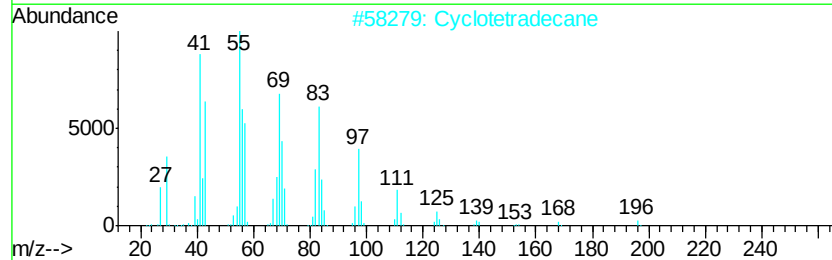
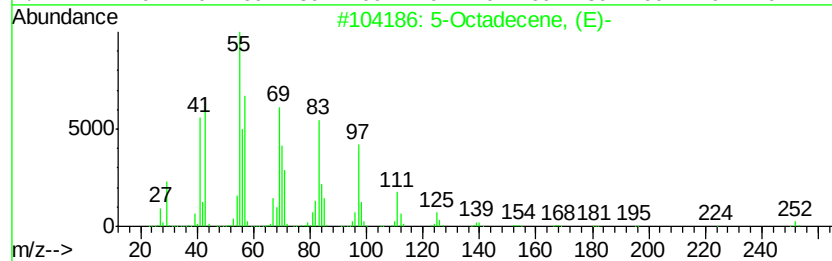
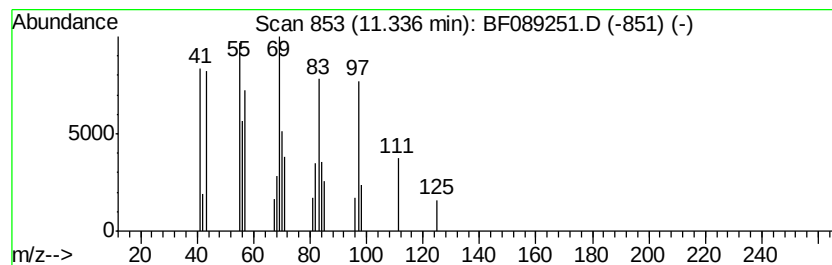
Instrument :
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ClientSampled :
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Peak Number 8 5-Octadecene, (E)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	2.06 ng	36918	Phenanthrene-d10	11.09
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Octadecene, (E)-	252 C18H36	007206-21-5	91
2	Cyclotetradecane	196 C14H28	000295-17-0	50
3	Oxalic acid, cyclobutyl pentadec...	354 C21H38O4	1000309-70-5	50
4	2-Ethyl-1-dodecanol	214 C14H30O	019780-33-7	47
5	1-Tridecene	182 C13H26	002437-56-1	47



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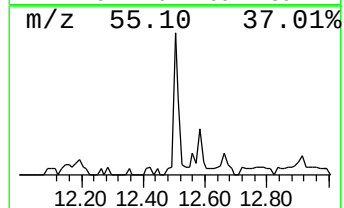
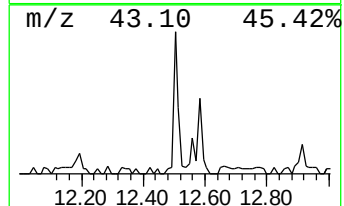
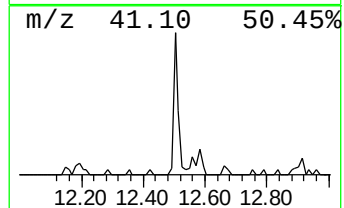
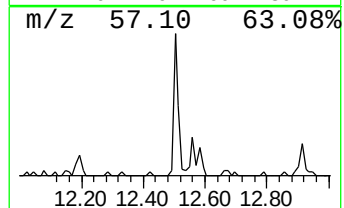
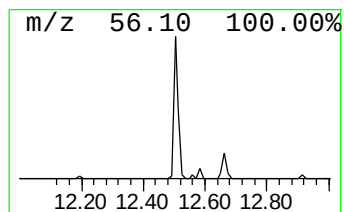
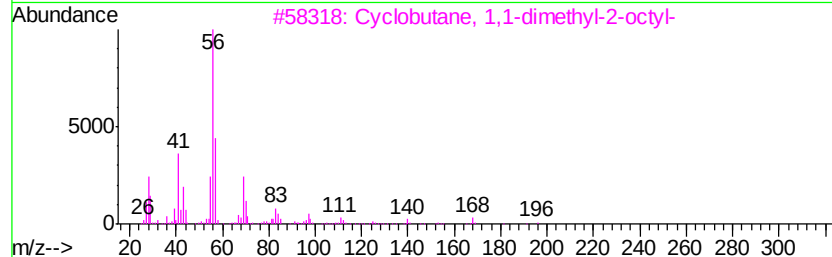
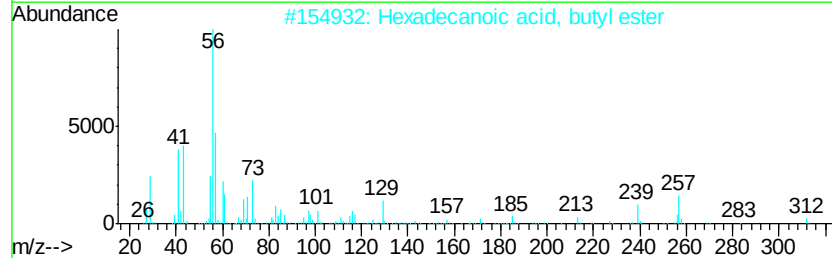
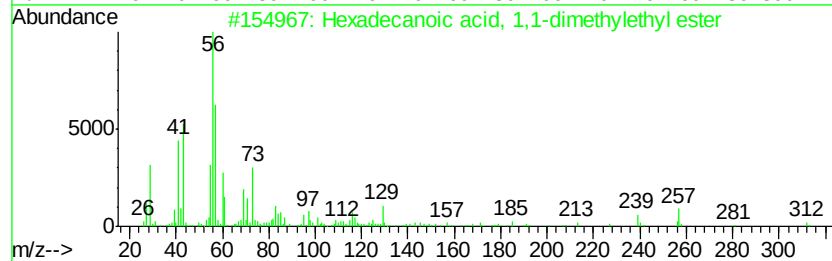
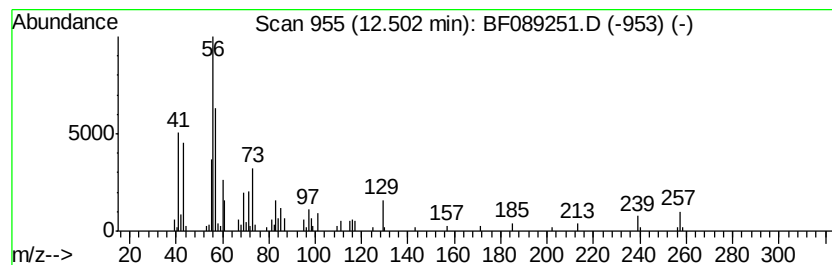
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	10.05 ng	135157	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
2		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	86
3		Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	35
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089251.D
Acq On : 24 Jul 2016 00:30
Operator : UM/SJ
Sample : H4129-08
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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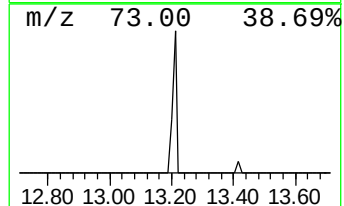
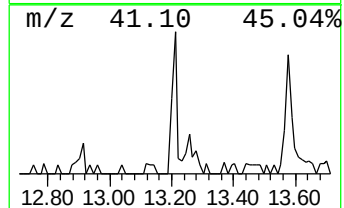
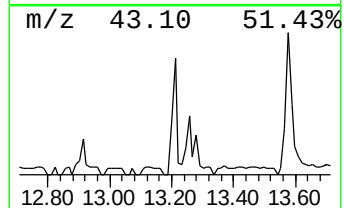
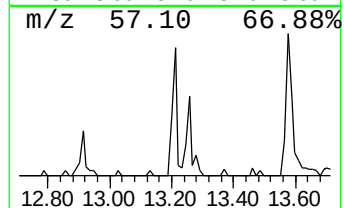
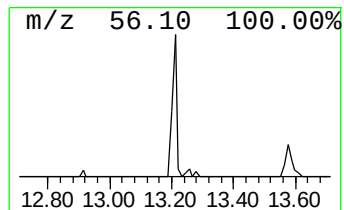
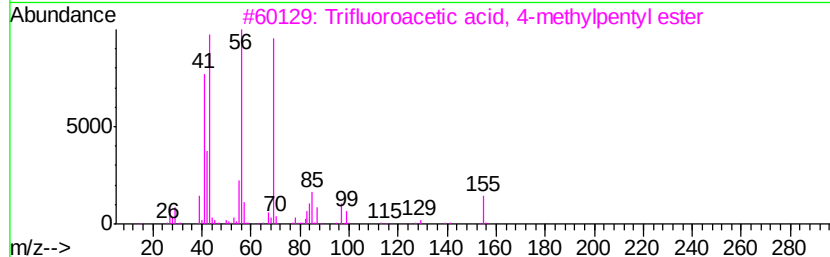
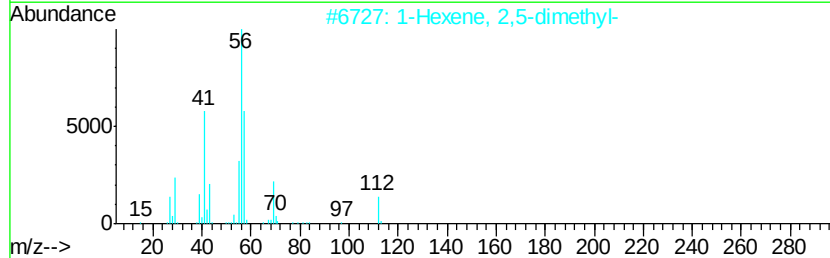
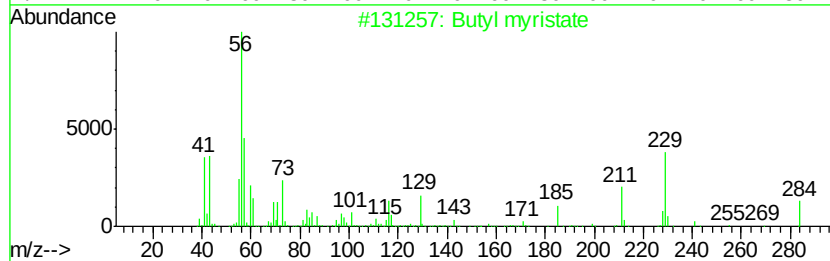
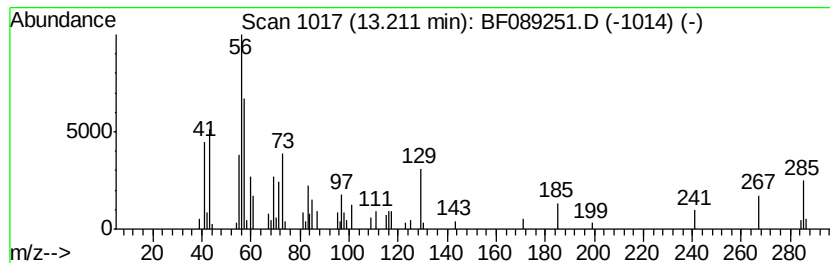
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown13.21 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	6.27 ng	84335	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyl myristate	284	C18H36O2	000110-36-1	47
2		1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27
3		Trifluoroacetic acid, 4-methylpe...	198	C8H13F3O2	000327-71-9	27
4		1-Heptene, 2-methyl-	112	C8H16	015870-10-7	27
5		5-Methyl-2-hexanol, chlorodifluo...	228	C9H15ClF2O2	1000376-27-1	16



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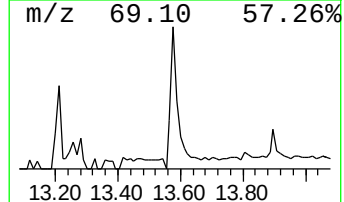
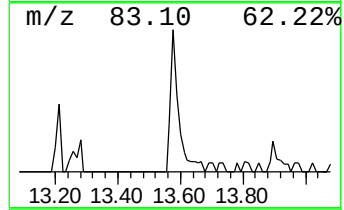
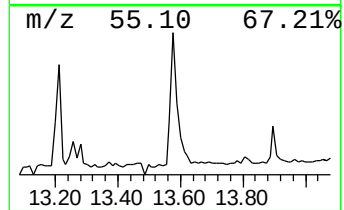
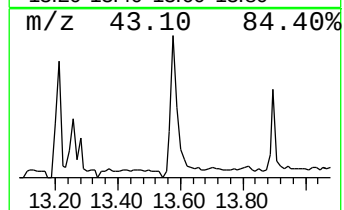
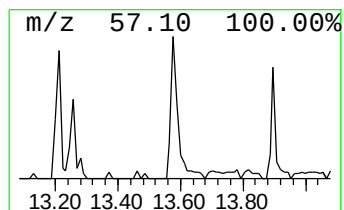
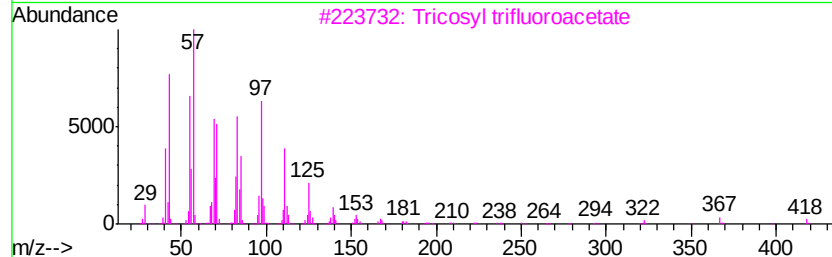
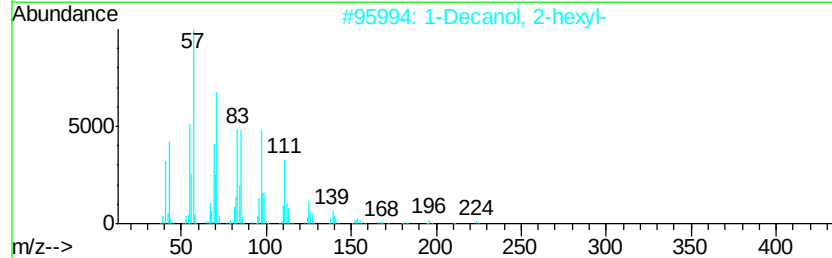
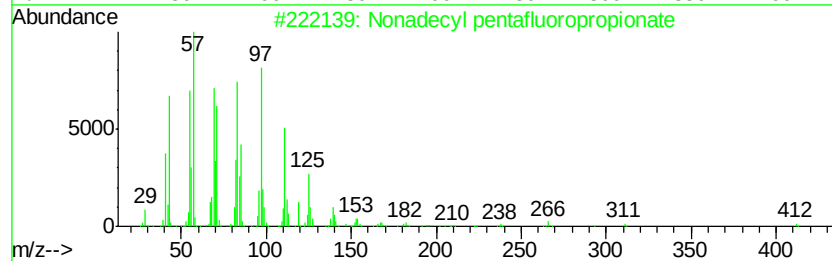
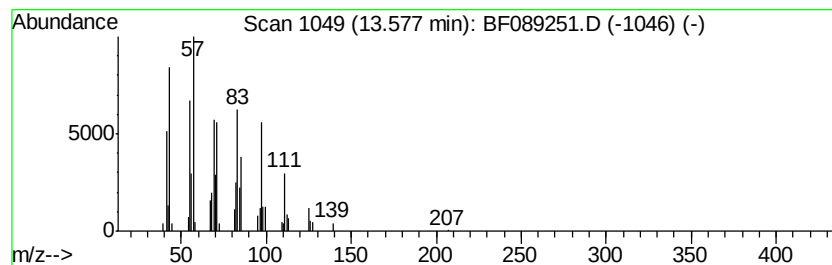
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecyl pentafluoropropio... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	8.56 ng	115090	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	87
4		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	87
5		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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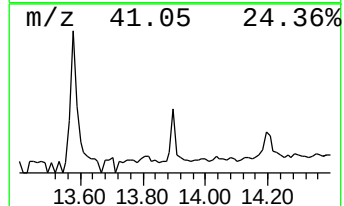
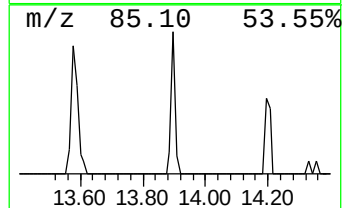
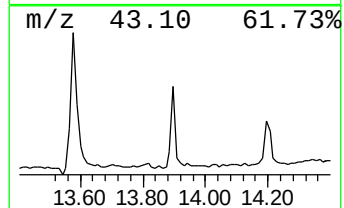
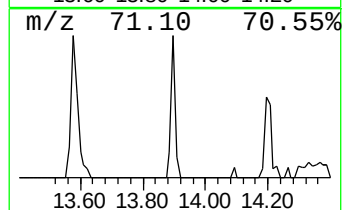
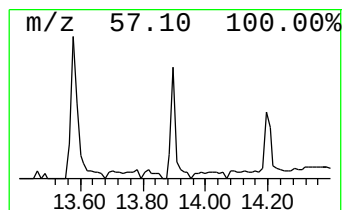
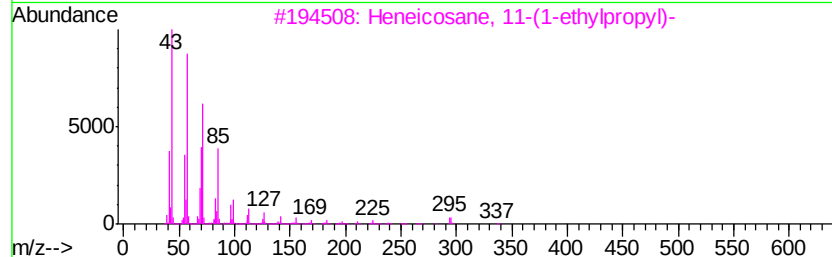
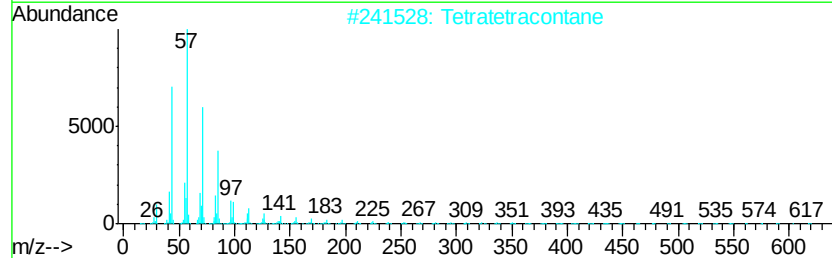
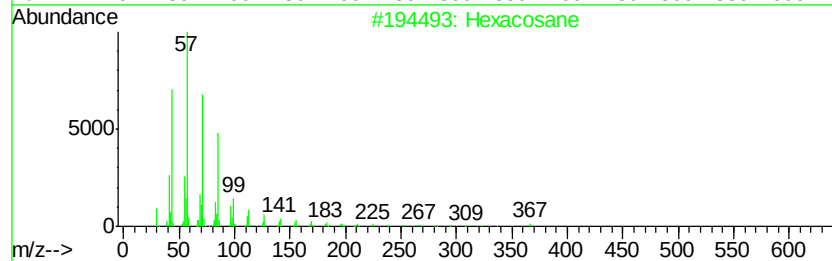
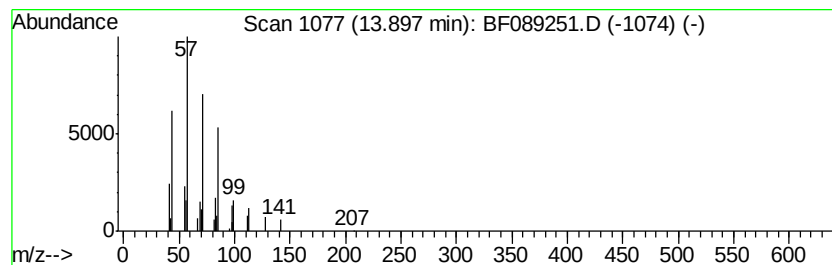
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	2.30 ng	30953	Chrysene-d12	13.70
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexacosane	366 C26H54	000630-01-3	91
2	Tetratetracontane	619 C44H90	007098-22-8	91
3	Heneicosane, 11-(1-ethylpropyl)-	366 C26H54	055282-11-6	90
4	Tetracosane	338 C24H50	000646-31-1	90
5	Octacosane	394 C28H58	000630-02-4	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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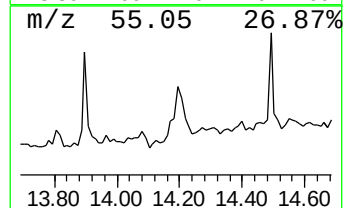
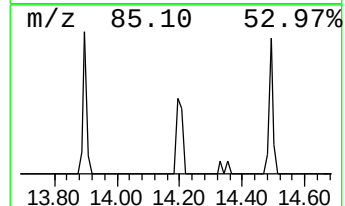
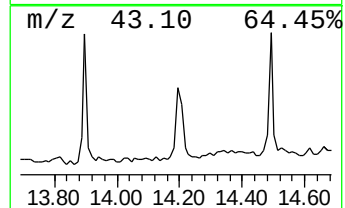
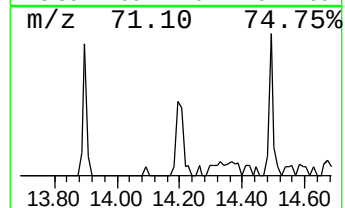
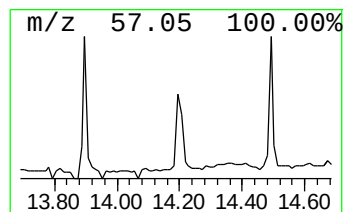
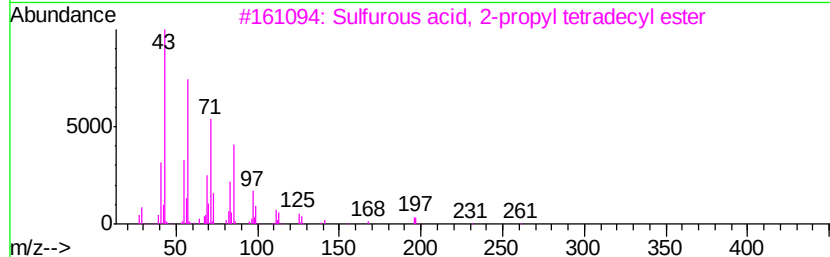
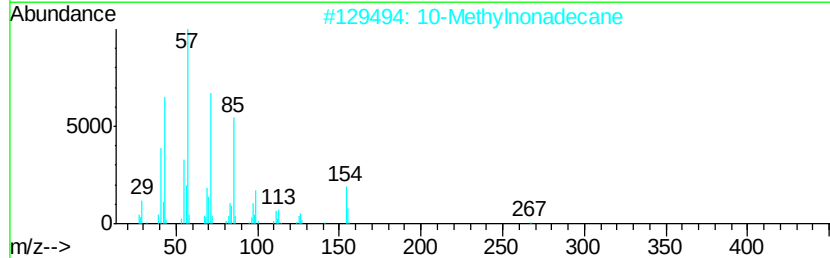
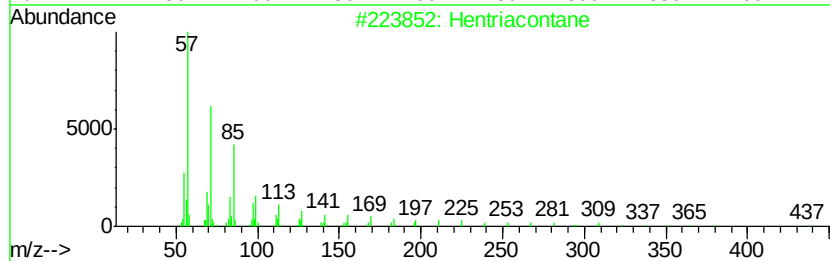
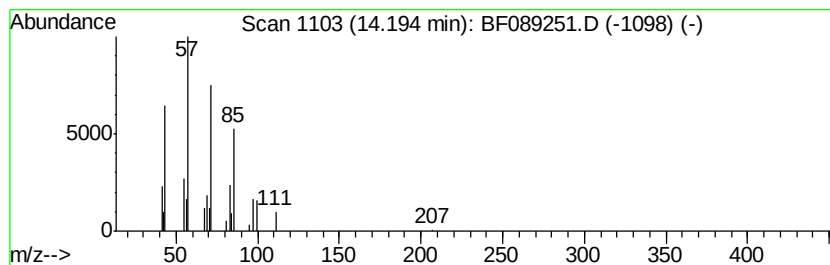
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hentriacontane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.82 ng	37945	Chrysene-d12	13.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hentriacontane	437	C31H64	000630-04-6	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	86
3		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	83
4		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
5		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	83



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Data File : BF089251.D
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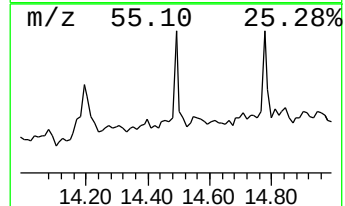
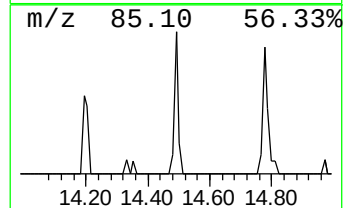
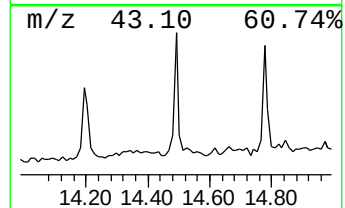
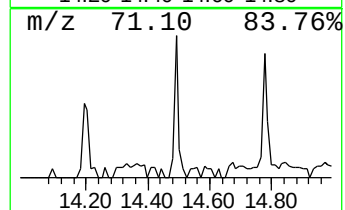
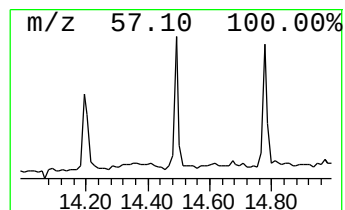
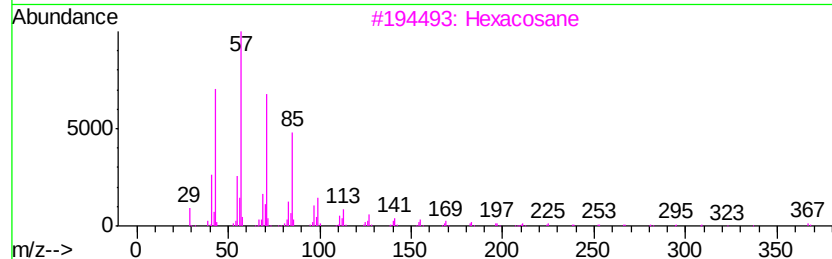
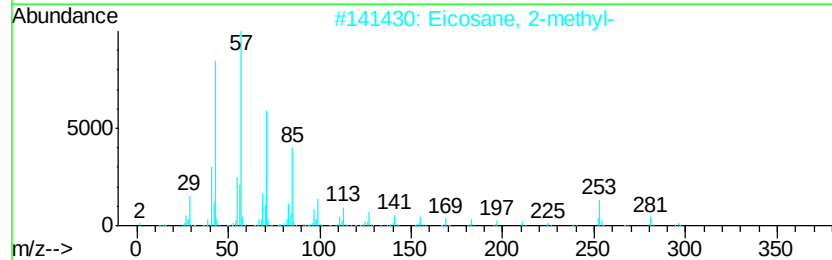
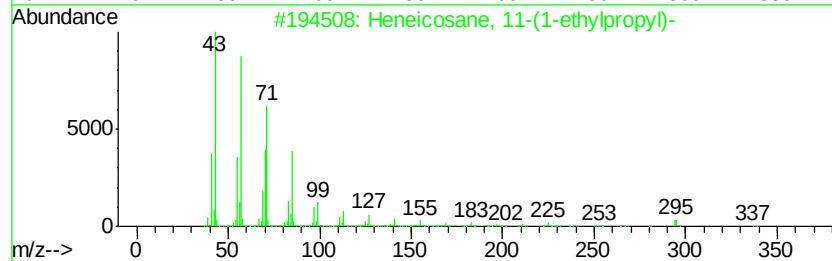
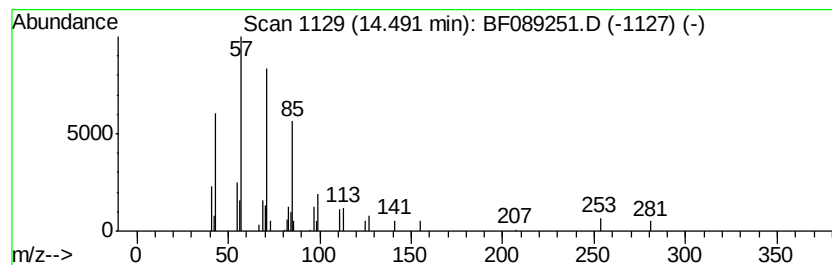
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heneicosane, 11-(1-ethylpro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.32 ng	28847	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3		Hexacosane	366	C26H54	000630-01-3	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089251.D
Acq On : 24 Jul 2016 00:30
Operator : UM/SJ
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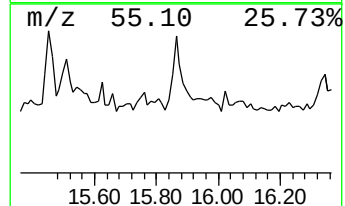
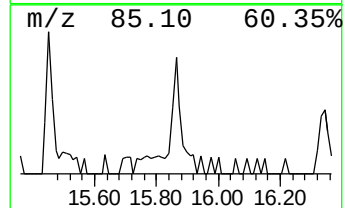
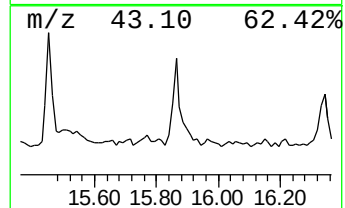
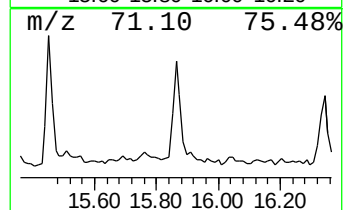
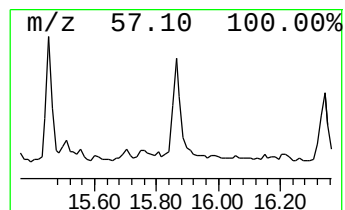
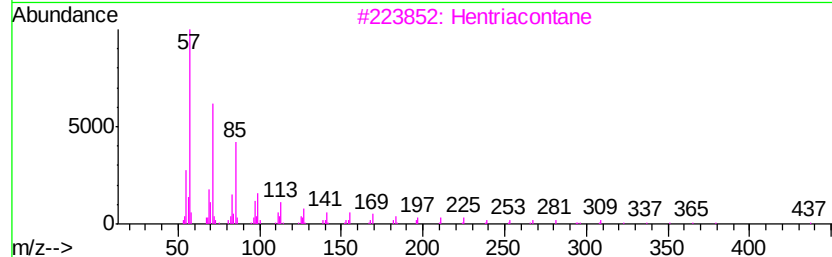
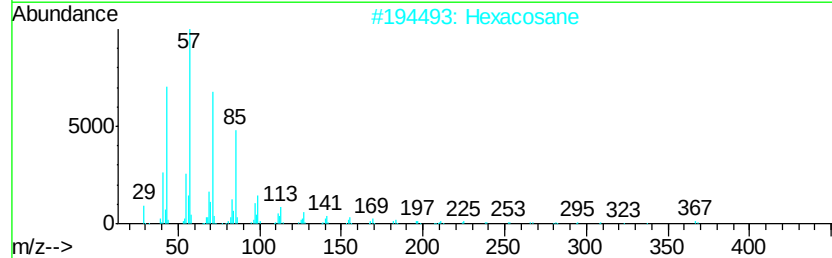
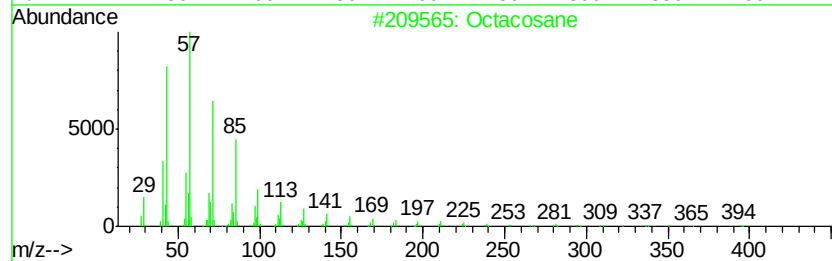
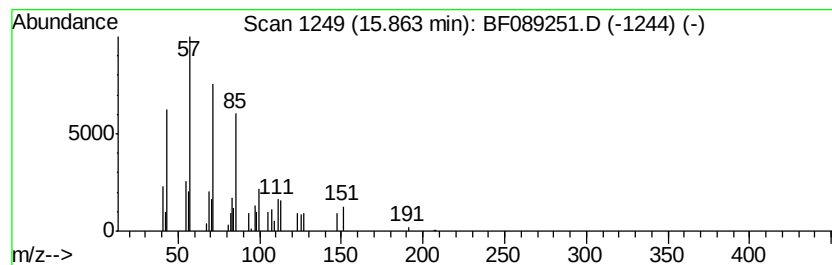
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	3.59 ng	44573	Perylene-d12	15.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	72
2		Hexacosane	366	C26H54	000630-01-3	72
3		Hentriacontane	437	C31H64	000630-04-6	72
4		Heptadecane	240	C17H36	000629-78-7	64
5		triacontane	422	C30H62	000638-68-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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 Sample : H4129-08
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KSB-12-10.0-12.0

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.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
Heptane	1.86	29.9	ng	414153	1	6.58	276829	20.0
n-Hexane	1.95	23.4	ng	323202	1	6.58	276829	20.0
2-Pentanone, 4-hy...	4.70	7.2	ng	100166	1	6.58	276829	20.0
unknown6.34	6.34	106.9	ng	1479820	1	6.58	276829	20.0
5-Octadecene, (E)-	11.34	2.1	ng	36918	4	11.09	358048	20.0
Hexadecanoic acid...	12.50	10.1	ng	135157	5	13.70	268973	20.0
unknown13.21	13.21	6.3	ng	84335	5	13.70	268973	20.0
Nonadecyl pentafl...	13.58	8.6	ng	115090	5	13.70	268973	20.0
Hexacosane	13.90	2.3	ng	30953	5	13.70	268973	20.0
Hentriacontane	14.19	2.8	ng	37945	5	13.70	268973	20.0
Heneicosane, 11-(...	14.49	2.3	ng	28847	6	15.05	248164	20.0
Octacosane	15.86	3.6	ng	44573	6	15.05	248164	20.0