

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085403.D
 Acq On : 12 Mar 2016 7:07
 Operator : UM/SJ
 Sample : H1730-02 2X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-23-COMP(0.5-1.5)

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-BF030316.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	5.121	246	248	251	rBV	100367	125340	6.13%	0.523%
2	5.533	281	284	286	rBV	1780960	1954645	95.64%	8.163%
3	6.562	371	374	376	rBV	1765614	2043646	100.00%	8.535%
4	6.699	383	386	388	rBV	2297490	1995775	97.66%	8.335%
5	6.939	404	407	409	rBV	675381	918661	44.95%	3.837%
6	7.087	418	420	423	rBV	1617974	1475672	72.21%	6.163%
7	7.499	453	456	458	rBV	1289689	1319594	64.57%	5.511%
8	7.579	461	463	465	rBV	29383	27933	1.37%	0.117%
9	8.219	517	519	522	rBV	1409350	1196465	58.55%	4.997%
10	9.293	611	613	616	rBV	1728211	1909860	93.45%	7.976%
11	9.693	646	648	650	rBV	397337	364755	17.85%	1.523%
12	9.910	664	667	668	rBV	60248	53328	2.61%	0.223%
13	9.979	670	673	675	rVB	1455655	1220415	59.72%	5.097%
14	10.402	707	710	712	rBV	68776	98351	4.81%	0.411%
15	10.631	727	730	731	rBV	31896	49293	2.41%	0.206%
16	10.768	739	742	744	rBV	1044585	1060825	51.91%	4.430%
17	10.882	750	752	757	rBV	109261	123945	6.06%	0.518%
18	11.076	767	769	771	rBV2	14164	23644	1.16%	0.099%
19	11.328	789	791	793	rBV	57983	52572	2.57%	0.220%
20	11.465	801	803	804	rBV	1199337	1017375	49.78%	4.249%
21	11.488	804	805	807	rVV	119233	95125	4.65%	0.397%
22	11.533	807	809	811	rVB	24019	37235	1.82%	0.156%
23	11.991	844	849	851	rBV	71934	113183	5.54%	0.473%
24	12.082	855	857	860	rVV	25140	53249	2.61%	0.222%
25	12.174	863	865	869	rVV2	34611	62584	3.06%	0.261%
26	12.265	869	873	876	rVB5	9425	27901	1.37%	0.117%
27	12.516	892	895	896	rBV2	16675	22746	1.11%	0.095%
28	12.551	896	898	901	rVV4	18080	25037	1.23%	0.105%
29	12.676	907	909	911	rBV	231444	202432	9.91%	0.845%
30	12.768	916	917	921	rBV3	27793	56021	2.74%	0.234%
31	12.871	924	926	927	rVV	425350	371323	18.17%	1.551%
32	12.905	927	929	931	rVV	201341	213155	10.43%	0.890%
33	12.951	931	933	936	rVB	61762	85124	4.17%	0.356%
34	13.054	939	942	944	rVB	954641	1237570	60.56%	5.168%

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35	13.236	954	958	959	rBV	30143	46274	2.26%	0.193%
36	13.282	959	962	965	rVB3	21282	43691	2.14%	0.182%
37	13.339	965	967	968	rBV	23545	27074	1.32%	0.113%
38	13.579	985	988	989	rBV	234455	242740	11.88%	1.014%
39	13.625	989	992	996	rVV3	43251	82603	4.04%	0.345%
40	13.739	1000	1002	1004	rBV	21154	26475	1.30%	0.111%
41	13.854	1008	1012	1013	rBV3	31060	64891	3.18%	0.271%
42	13.945	1018	1020	1023	rVV	184992	210049	10.28%	0.877%
43	14.105	1030	1034	1036	rBV	978451	1123379	54.97%	4.692%
44	14.265	1046	1048	1051	rBV	62058	71329	3.49%	0.298%
45	14.494	1066	1068	1069	rBV	20497	22239	1.09%	0.093%
46	14.574	1073	1075	1077	rVV2	93244	104198	5.10%	0.435%
47	14.860	1098	1100	1104	rBV3	64554	143854	7.04%	0.601%
48	14.951	1106	1108	1111	rVB	57175	76857	3.76%	0.321%
49	15.145	1122	1125	1129	rBV	101529	263456	12.89%	1.100%
50	15.214	1129	1131	1133	rVB	112732	142590	6.98%	0.595%
51	15.442	1149	1151	1154	rVB	56978	85740	4.20%	0.358%
52	15.500	1154	1156	1160	rBV	62387	123488	6.04%	0.516%
53	15.568	1160	1162	1168	rVB	541556	807921	39.53%	3.374%
54	16.037	1200	1203	1205	rBV	97521	162043	7.93%	0.677%
55	16.277	1222	1224	1231	rVB4	60330	157488	7.71%	0.658%
56	16.540	1245	1247	1252	rVB2	36925	63255	3.10%	0.264%
57	17.020	1287	1289	1295	rVB2	29310	72159	3.53%	0.301%
58	17.614	1338	1341	1347	rVB5	56917	146110	7.15%	0.610%

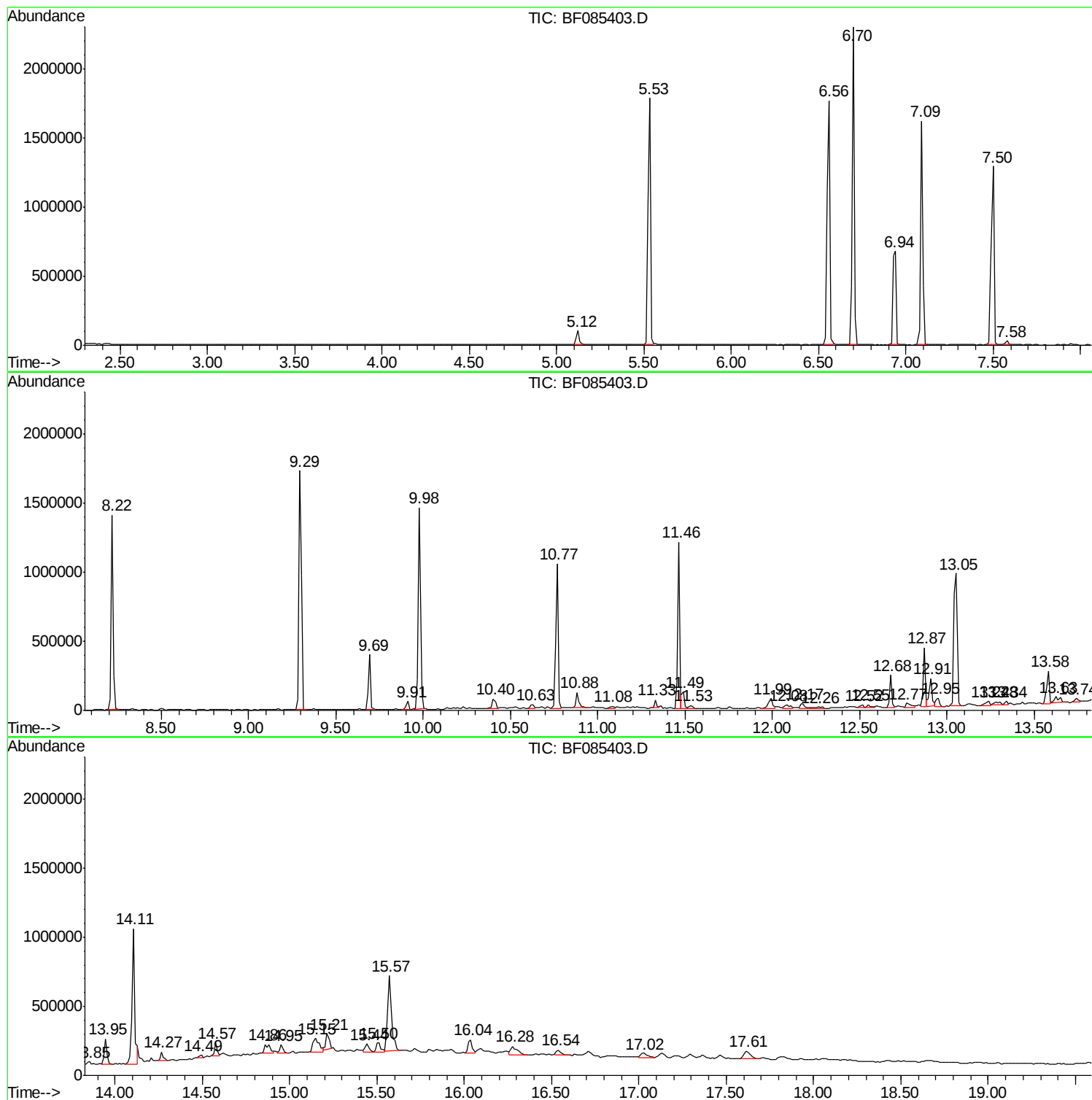
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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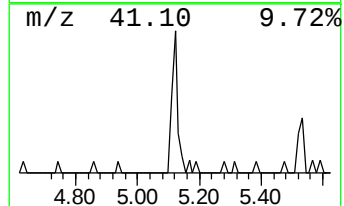
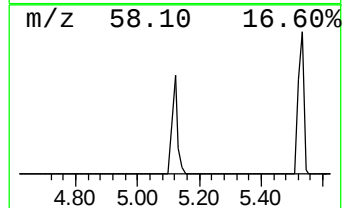
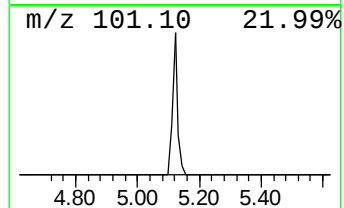
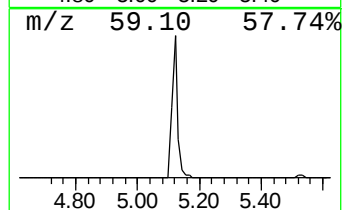
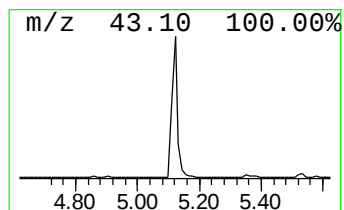
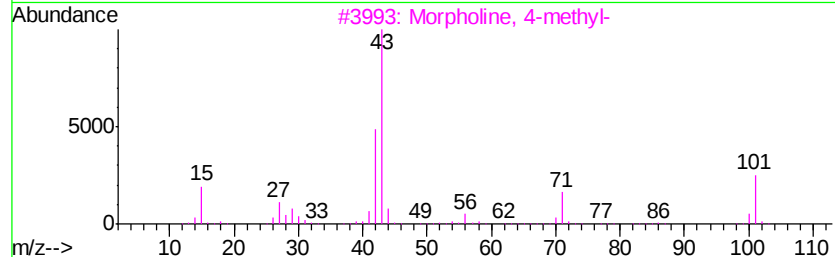
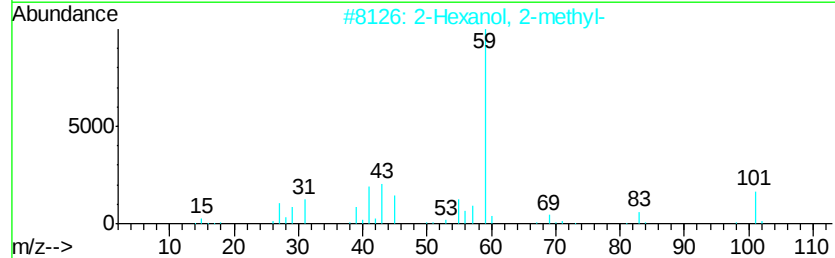
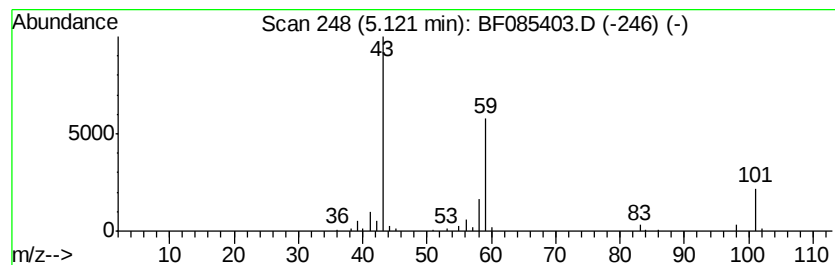
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown5.12 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	2.73 ng	125340	1,4-Dichlorobenzene-d4	6.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40		
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23		
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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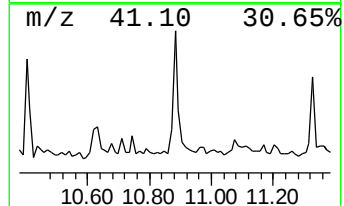
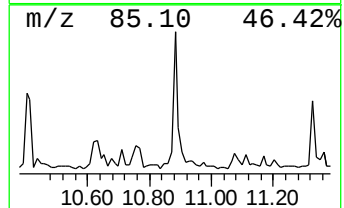
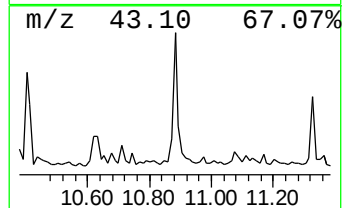
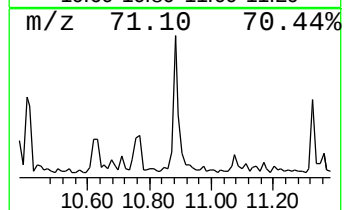
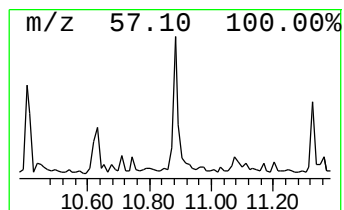
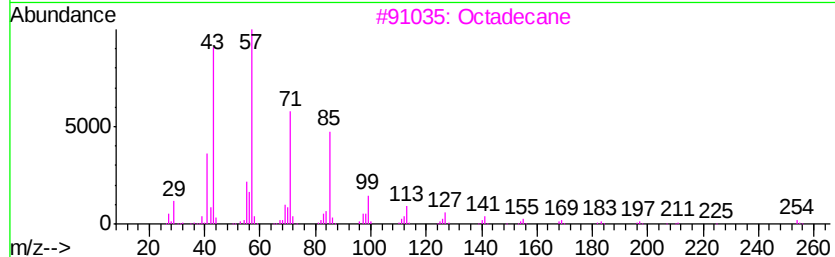
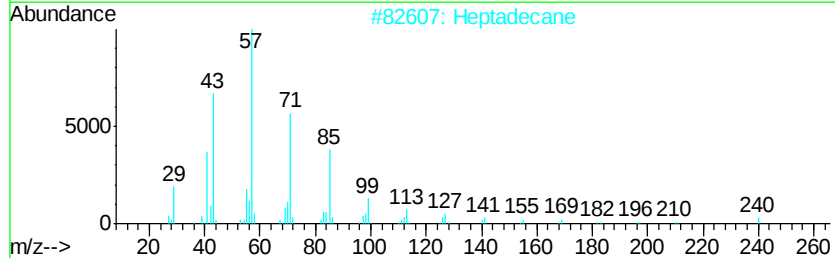
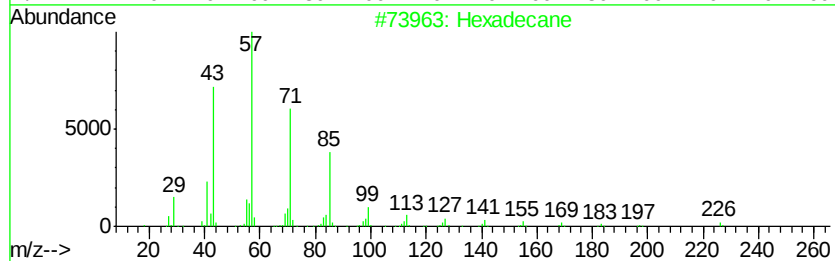
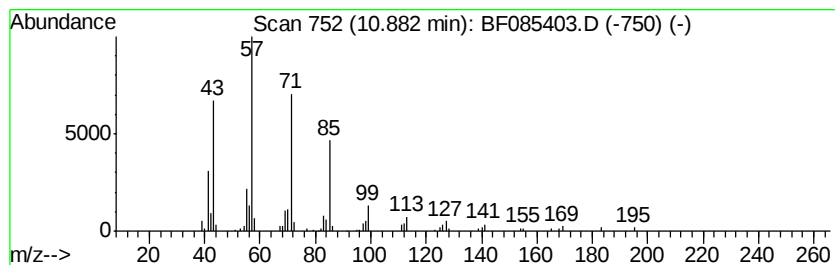
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	2.44 ng	123945	Phenanthrene-d10	11.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Octadecane	254	C18H38	000593-45-3	91
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87



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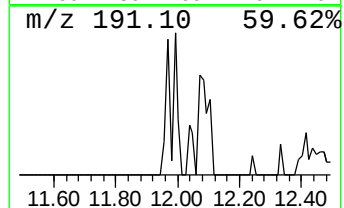
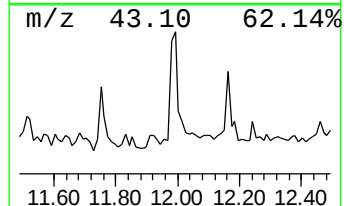
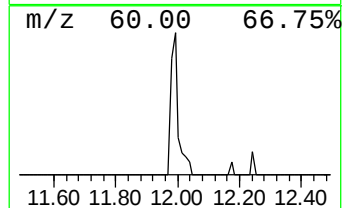
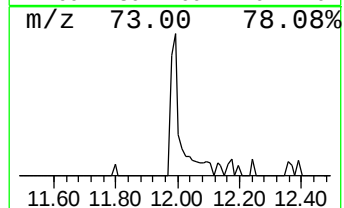
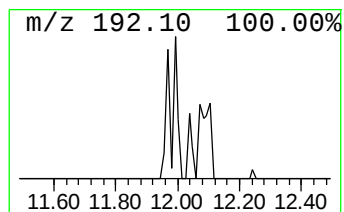
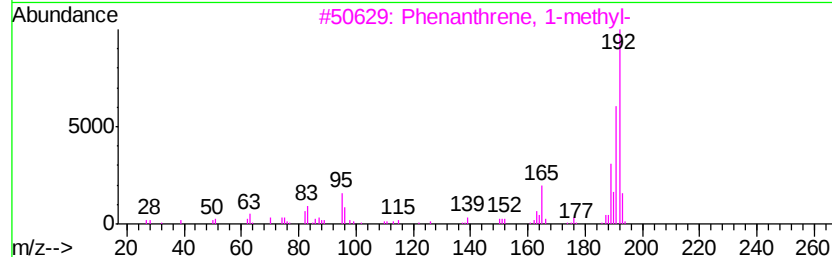
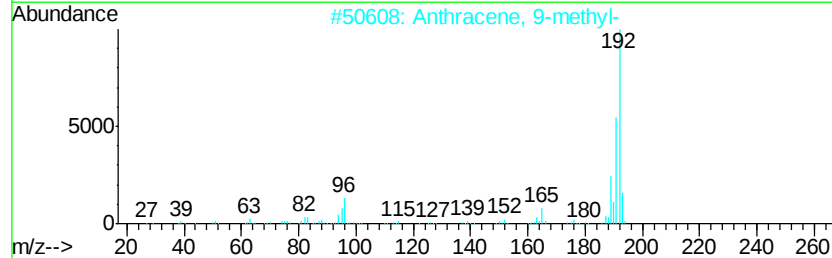
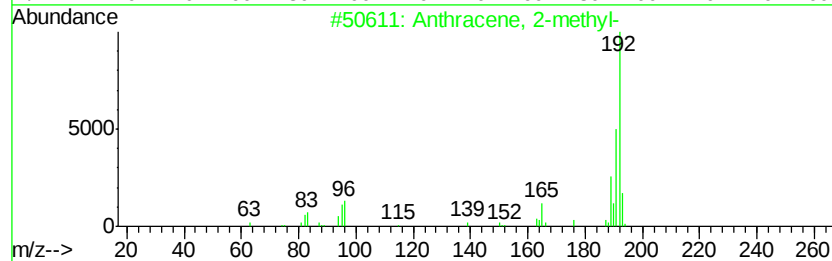
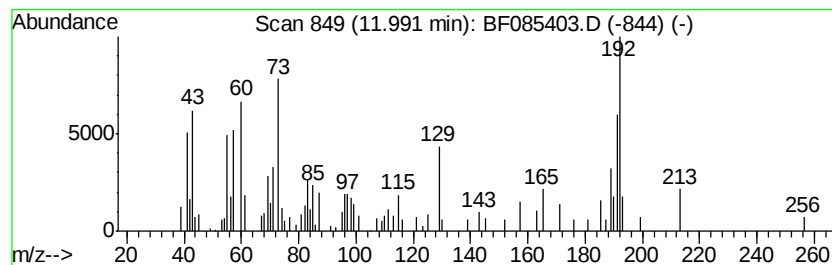
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.99	2.23 ng	113183	Phenanthrene-d10		11.46
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



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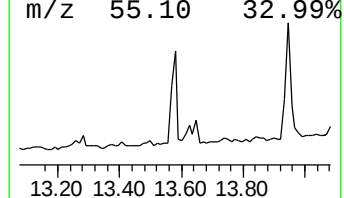
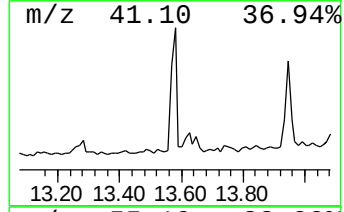
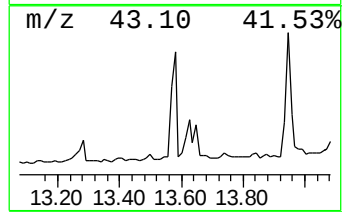
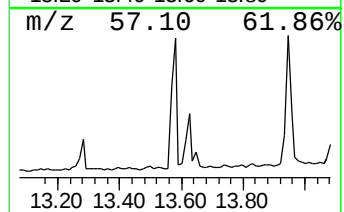
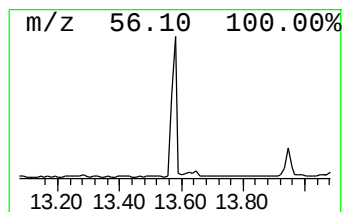
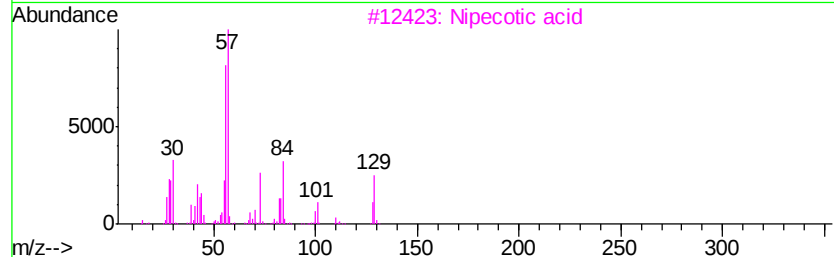
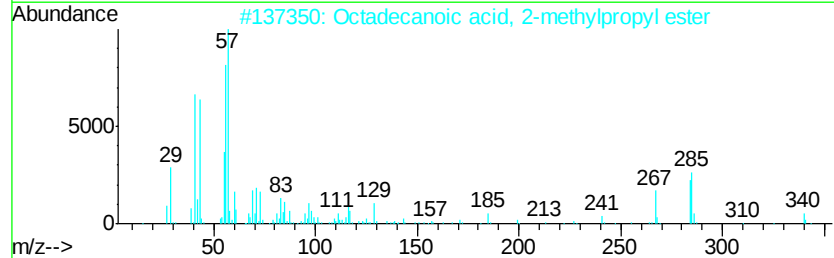
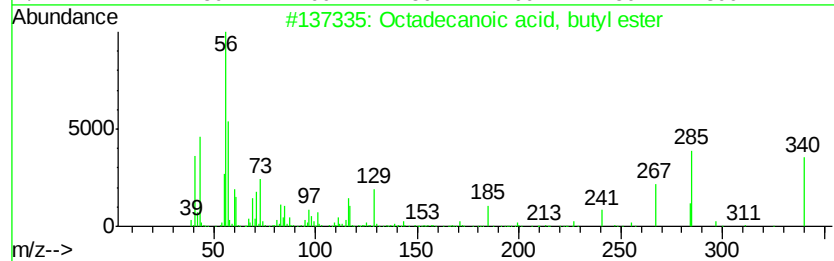
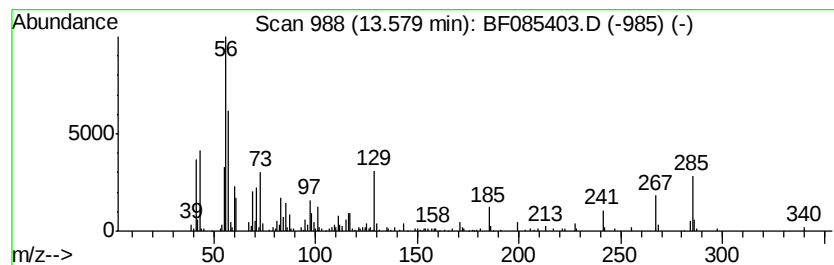
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	4.32 ng	242740	Chrysene-d12	14.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	72
3		Nipecotic acid	129	C6H11NO2	000498-95-3	47
4		1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	38
5		7-Methyl-octadecan-7-ol	284	C19H40O	1000194-50-8	32



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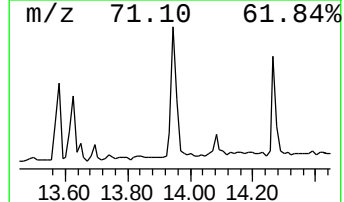
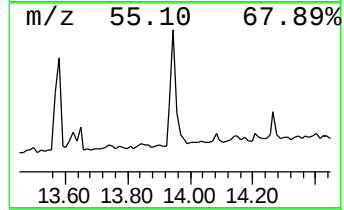
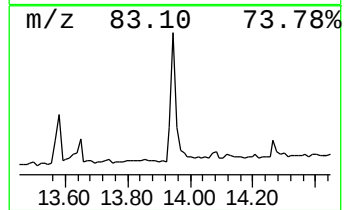
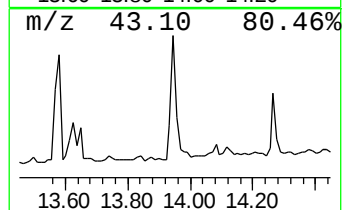
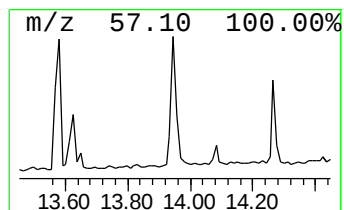
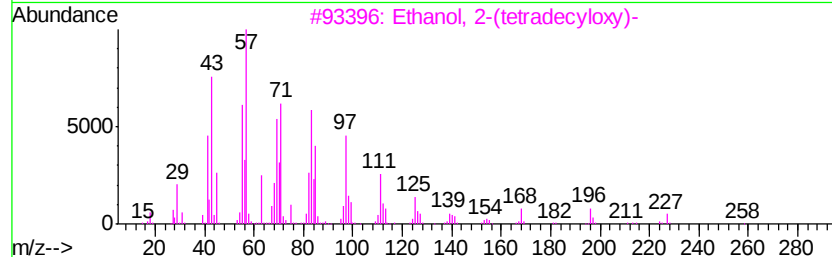
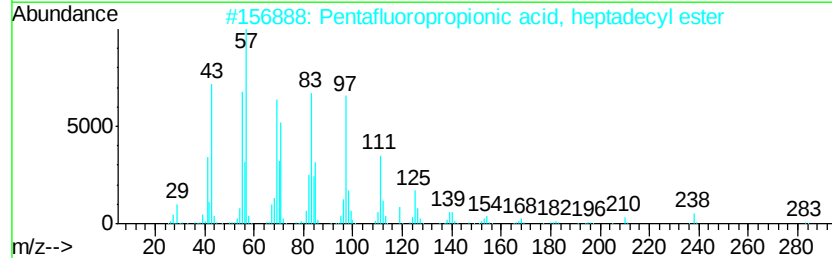
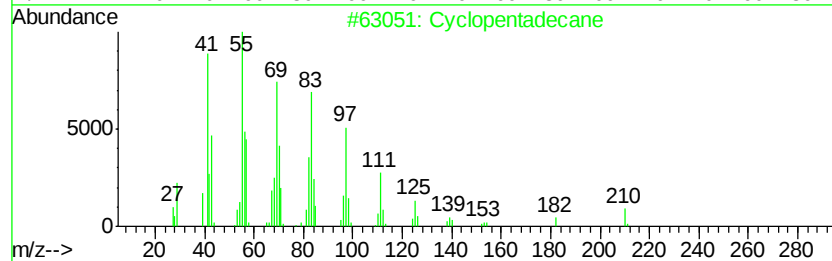
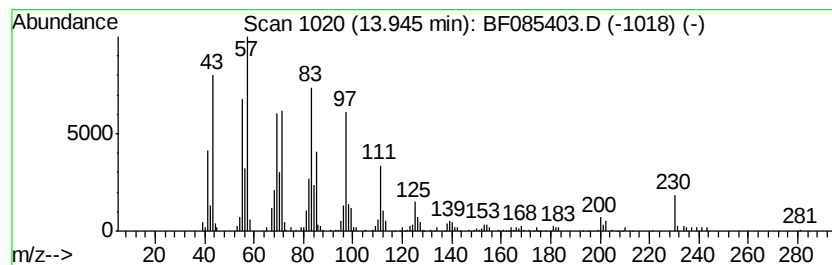
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ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	3.74 ng	210049	Chrysene-d12	14.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopentadecane	210 C15H30	000295-48-7 93
2		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2 91
3		Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1 91
4		Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3 91
5		Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7 83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

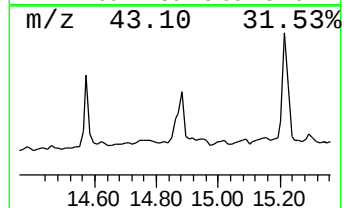
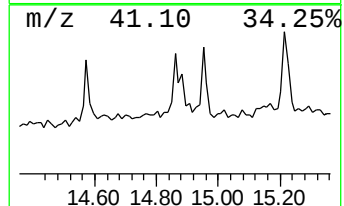
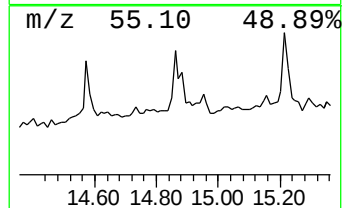
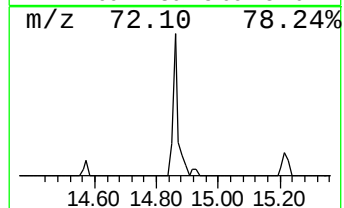
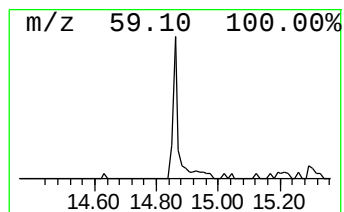
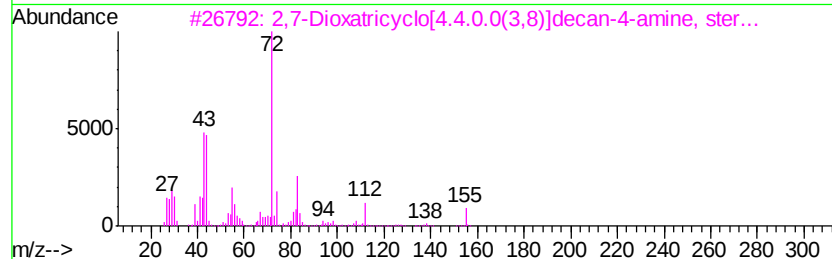
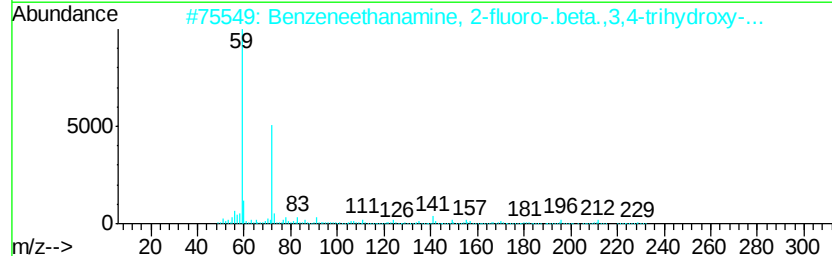
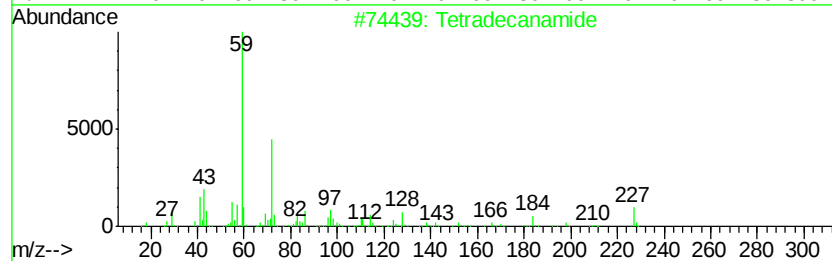
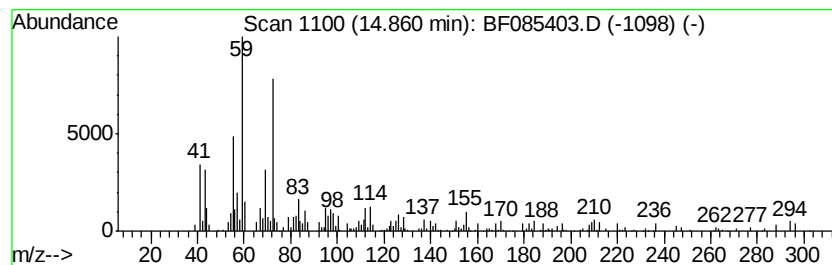
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.86 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.56 ng	143854	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecanamide	227	C14H29NO	000638-58-4	38
2		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	38
3		2,7-Dioxatricyclo[4.4.0.0(3,8)]d...	155	C8H13N02	040076-28-6	30
4		N-tert-Butylmethylamine	87	C5H13N	014610-37-8	30
5		Isobutyl-propyl-amine	115	C7H17N	039190-66-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
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ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

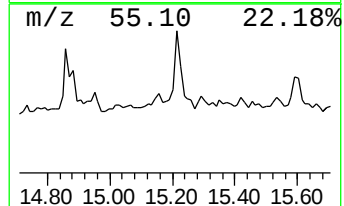
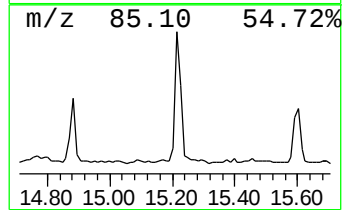
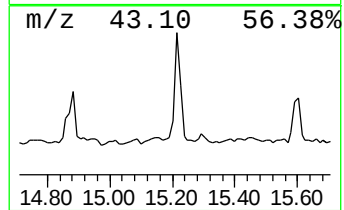
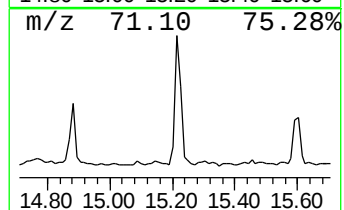
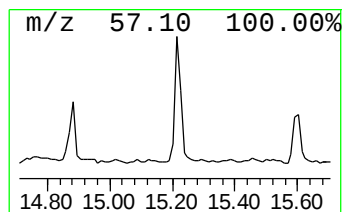
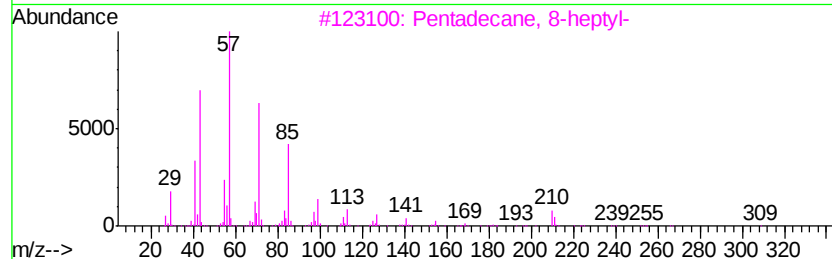
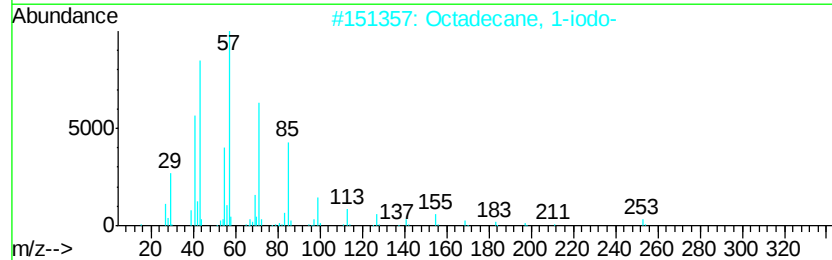
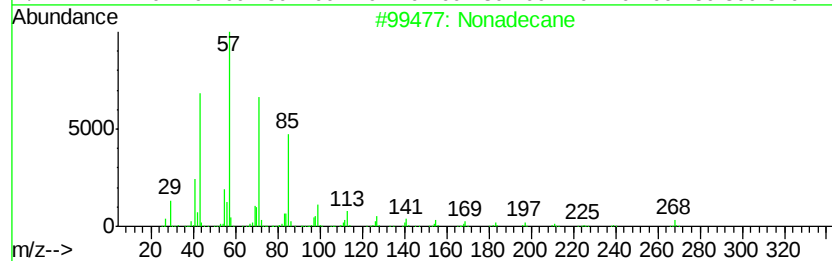
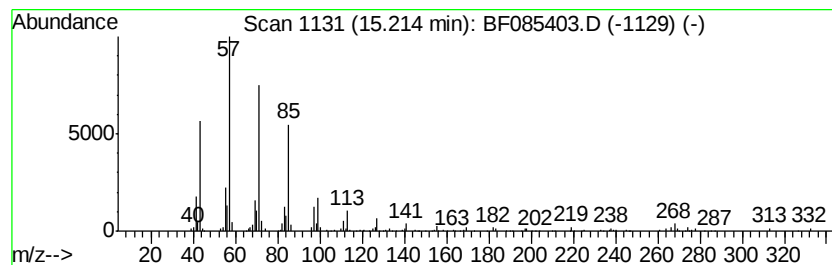
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	3.53 ng	142590	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	93
2		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Octacosane	394	C28H58	000630-02-4	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

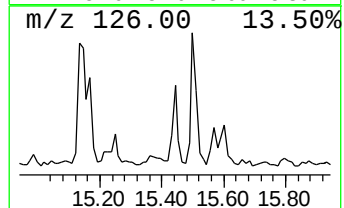
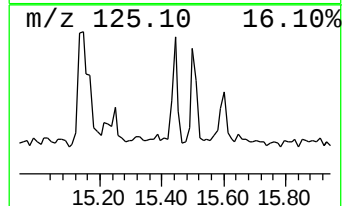
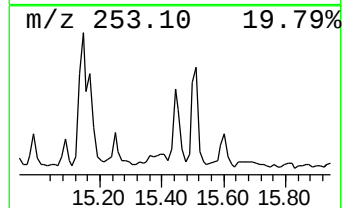
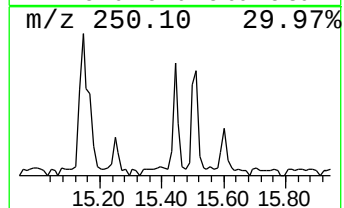
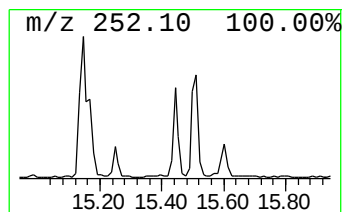
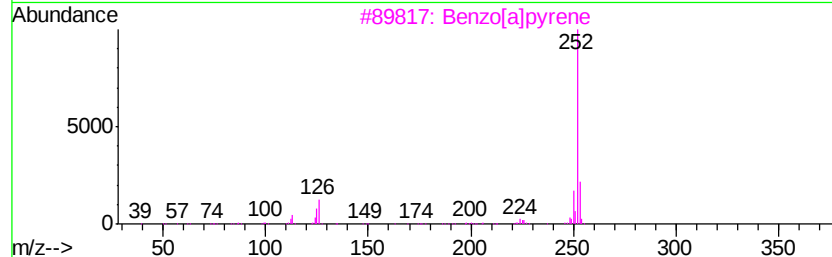
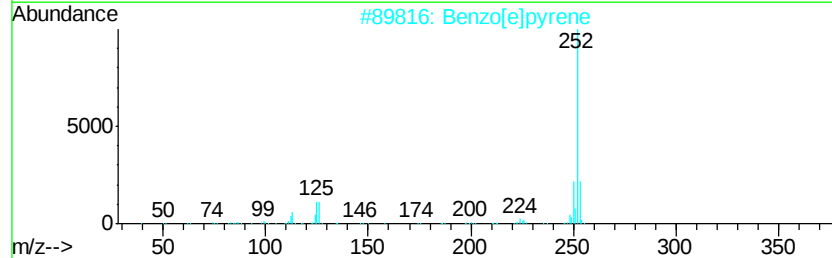
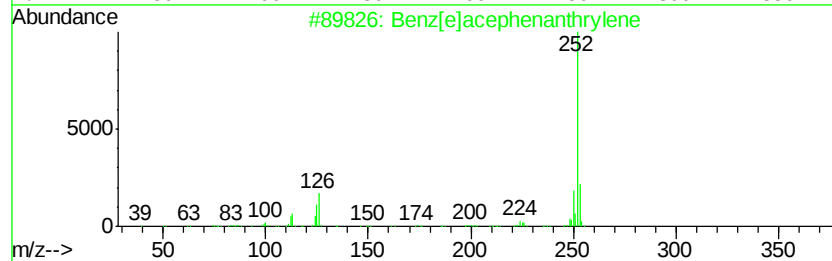
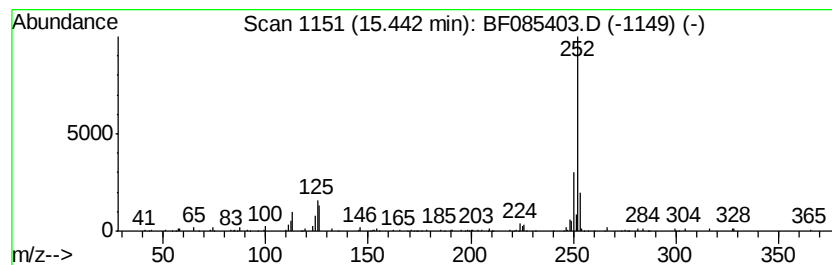
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz[e]acephenanthrylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.12 ng	85740	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
2		Benzo[e]pyrene	252	C20H12	000192-97-2	91
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
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Instrument :
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ClientSampleId :
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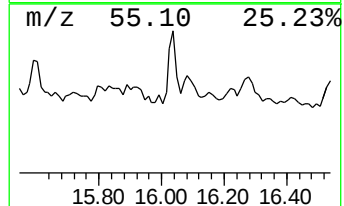
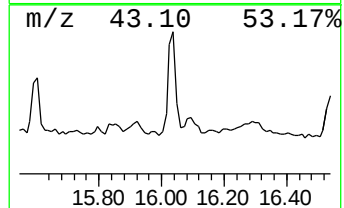
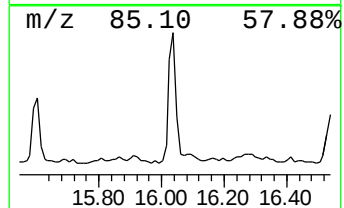
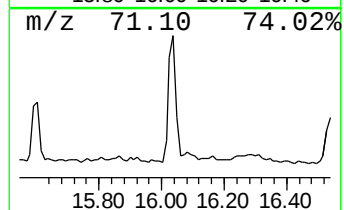
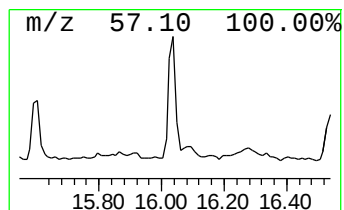
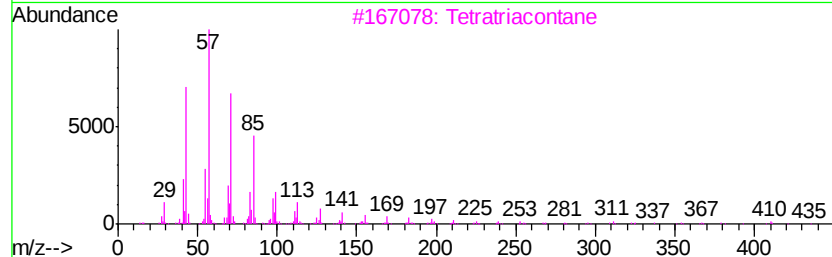
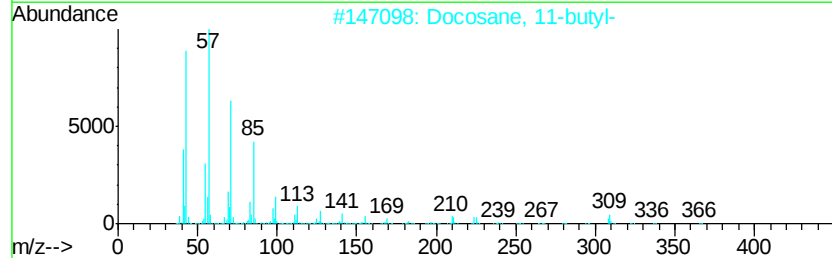
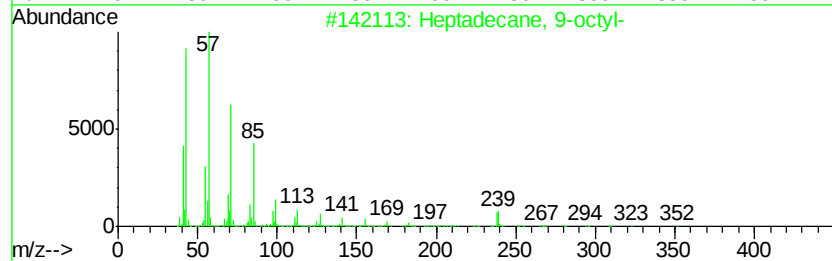
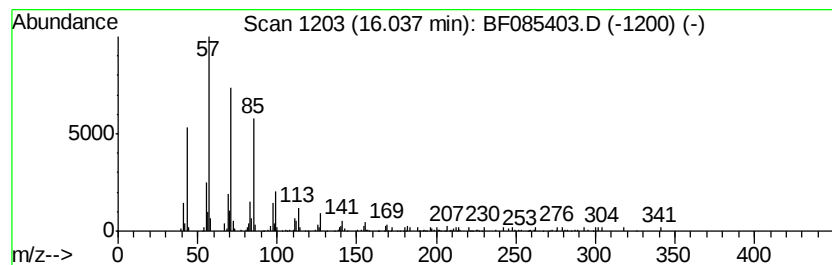
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptadecane, 9-octyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	4.01 ng	162043	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Eicosane	282	C20H42	000112-95-8	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

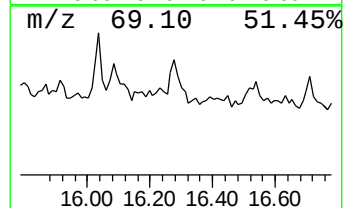
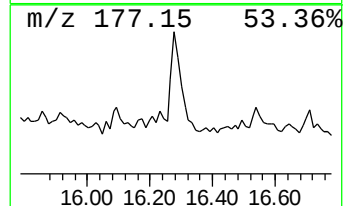
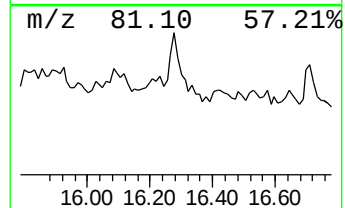
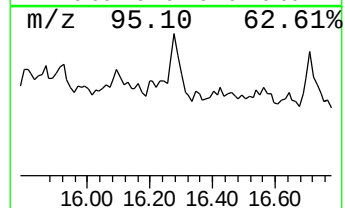
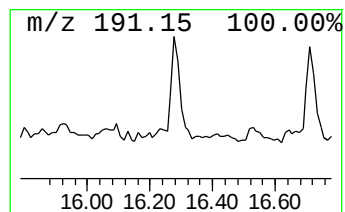
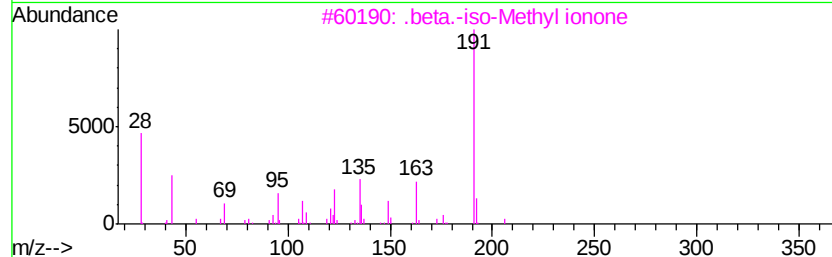
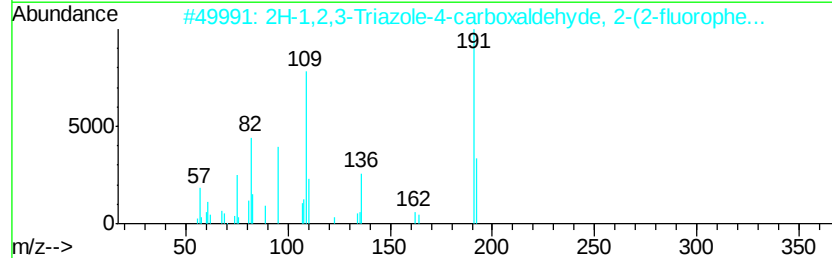
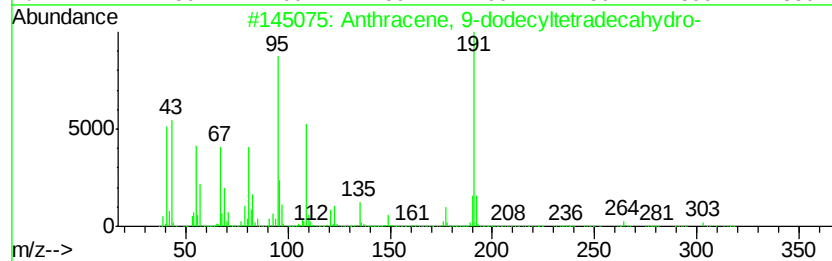
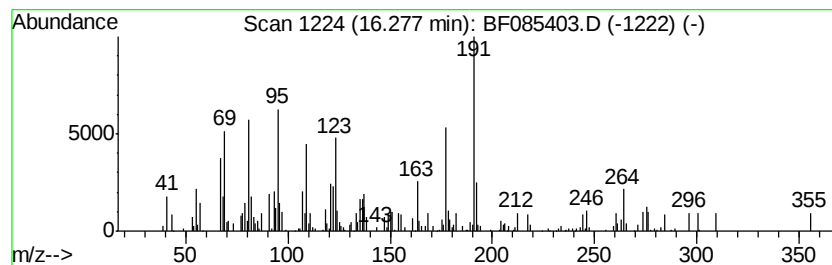
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown16.28 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	3.90 ng	157488	Perylene-d12	15.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-dodecyltetradeca...	360	C26H48	055401-75-7	43
2		2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	38
3		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	27
5		Iridomyrmecin	168	C10H16O2	000485-43-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

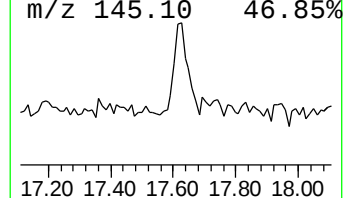
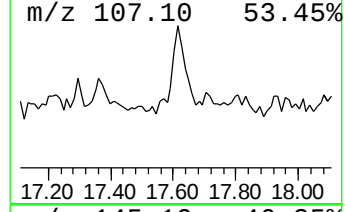
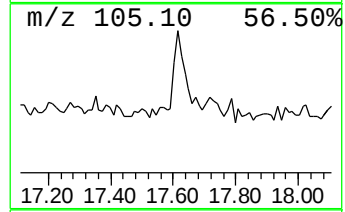
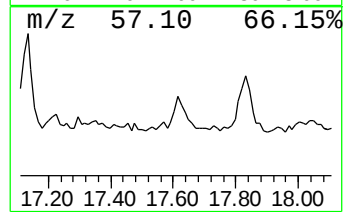
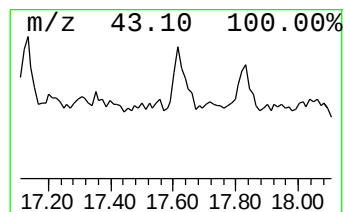
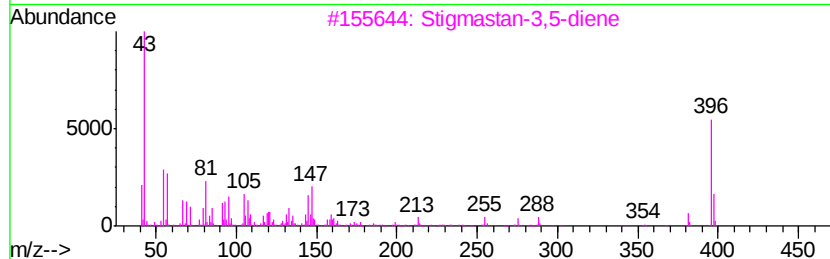
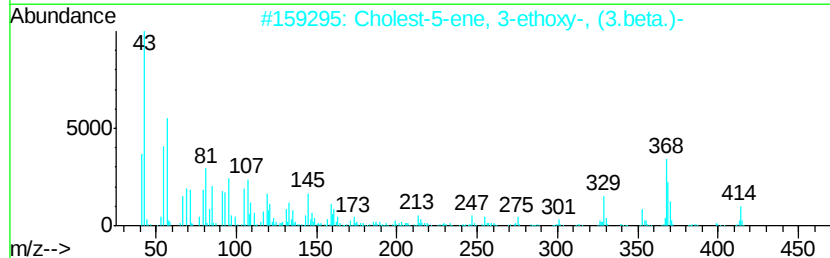
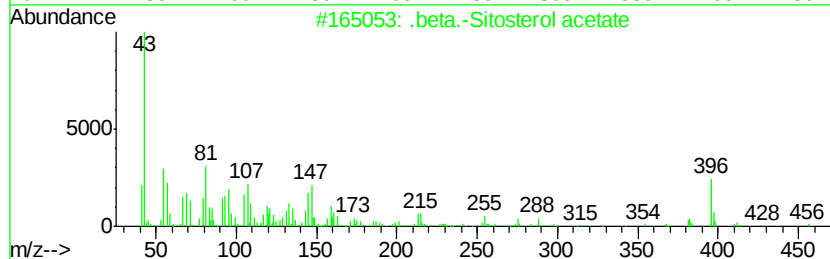
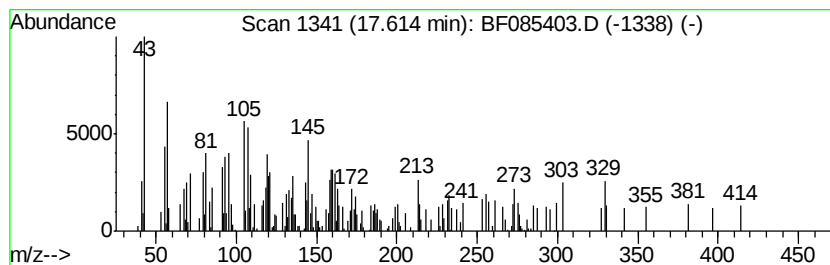
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown17.61 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.61	3.62 ng	146110	Perylene-d12	15.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	beta.-	Sitosterol acetate	456	C31H52O2	000915-05-9	38
2	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	32		
3	Stigmastan-3,5-diene	396	C29H48	1000214-16-4	30		
4	17.alpha.-Hydroxy-11-desoxycorti...	388	C23H32O5	096391-56-9	23		
5	Androst-5,16-diene-3.beta.-ol	272	C19H28O	001224-94-8	15		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085403.D
Acq On : 12 Mar 2016 7:07
Operator : UM/SJ
Sample : H1730-02 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-23-COMP(0.5-1.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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
unknown5.12	5.12	2.7	ng	125340	1	6.94	918661	20.0
Hexadecane	10.88	2.4	ng	123945	4	11.46	1017380	20.0
Anthracene, 2-met...	11.99	2.2	ng	113183	4	11.46	1017380	20.0
Octadecanoic acid...	13.58	4.3	ng	242740	5	14.11	1123380	20.0
Cyclopentadecane	13.95	3.7	ng	210049	5	14.11	1123380	20.0
unknown14.86	14.86	3.6	ng	143854	6	15.57	807921	20.0
Nonadecane	15.21	3.5	ng	142590	6	15.57	807921	20.0
Benz[e]acephenant...	15.44	2.1	ng	85740	6	15.57	807921	20.0
Heptadecane, 9-oc...	16.04	4.0	ng	162043	6	15.57	807921	20.0
unknown16.28	16.28	3.9	ng	157488	6	15.57	807921	20.0
unknown17.61	17.61	3.6	ng	146110	6	15.57	807921	20.0