

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085239.D
 Acq On : 5 Mar 2016 8:11
 Operator : SJ/IZ
 Sample : H1683-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP-(0.0-2.0)

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-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	2.332	3	4	7	rVB	47616	66157	1.40%	0.118%
2	3.190	72	79	82	rBV6	343719	1454488	30.69%	2.602%
3	3.270	82	86	94	rVV10	461791	2838741	59.90%	5.079%
4	3.373	94	95	103	rVB6	340363	1079263	22.77%	1.931%
5	5.190	250	254	260	rBV	654641	1121302	23.66%	2.006%
6	5.304	262	264	267	rBV	29907	47465	1.00%	0.085%
7	5.407	270	273	278	rBV4	454571	1107207	23.36%	1.981%
8	5.590	285	289	291	rBV	3356747	4735878	99.92%	8.474%
9	6.150	334	338	343	rBV2	59343	186568	3.94%	0.334%
10	6.413	357	361	366	rBV4	186660	516583	10.90%	0.924%
11	6.596	374	377	380	rVB	3294750	3892605	82.13%	6.965%
12	6.744	387	390	392	rBV	3555425	4739514	100.00%	8.480%
13	6.973	407	410	412	rVB	860329	922746	19.47%	1.651%
14	7.133	421	424	426	rVB	2945985	3730957	78.72%	6.676%
15	7.407	447	448	452	rVB2	43782	61109	1.29%	0.109%
16	7.533	456	459	461	rVV	2553930	2766990	58.38%	4.951%
17	7.613	463	466	468	rVB	91937	107845	2.28%	0.193%
18	7.956	492	496	501	rBV3	96320	211613	4.46%	0.379%
19	8.162	512	514	515	rVB2	72349	52587	1.11%	0.094%
20	8.253	519	522	524	rBV	1426060	1204008	25.40%	2.154%
21	9.019	587	589	591	rBV	36358	57739	1.22%	0.103%
22	9.327	613	616	619	rBV	3321220	4041537	85.27%	7.231%
23	9.716	648	650	652	rVB	508851	561678	11.85%	1.005%
24	9.933	667	669	672	rVB	75184	90480	1.91%	0.162%
25	10.013	673	676	678	rBV	1120742	1111113	23.44%	1.988%
26	10.208	691	693	696	rBV3	31140	51519	1.09%	0.092%
27	10.436	712	713	715	rVB	176283	132189	2.79%	0.237%
28	10.642	726	731	734	rBV4	150581	216579	4.57%	0.388%
29	10.688	734	735	736	rVB	95905	66800	1.41%	0.120%
30	10.802	742	745	747	rBV	2520505	2711065	57.20%	4.851%
31	10.905	752	754	759	rVB	111502	215574	4.55%	0.386%
32	11.099	769	771	774	rBV4	36781	76727	1.62%	0.137%
33	11.145	774	775	778	rVV3	34548	55839	1.18%	0.100%
34	11.362	791	794	795	rVV2	77078	99866	2.11%	0.179%

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35	11.385	795	796	799	rVB	50345	59062	1.25%	0.106%
36	11.499	803	806	809	rBV	939085	1484577	31.32%	2.656%
37	11.568	809	812	813	rVV	135025	135850	2.87%	0.243%
38	11.716	822	825	828	rBV3	40725	92018	1.94%	0.165%
39	11.785	829	831	833	rBV	57292	56641	1.20%	0.101%
40	11.991	846	849	850	rBV	69167	107635	2.27%	0.193%
41	12.025	850	852	854	rVV	974006	1166965	24.62%	2.088%
42	12.105	857	859	863	rVB	129519	205056	4.33%	0.367%
43	12.196	864	867	869	rBV	57501	79307	1.67%	0.142%
44	12.288	873	875	876	rBV	51743	50862	1.07%	0.091%
45	12.551	895	898	899	rBV2	69616	104150	2.20%	0.186%
46	12.711	909	912	914	rBV	639683	813063	17.15%	1.455%
47	12.802	918	920	924	rVV	610972	658849	13.90%	1.179%
48	12.939	929	932	935	rVB	558549	862840	18.21%	1.544%
49	13.076	942	944	947	rVB	2435386	2520204	53.17%	4.509%
50	13.156	947	951	955	rBV4	47187	95295	2.01%	0.171%
51	13.259	957	960	961	rBV2	136759	158458	3.34%	0.284%
52	13.362	967	969	973	rVB2	65872	90904	1.92%	0.163%
53	13.648	992	994	998	rBV4	55103	75619	1.60%	0.135%
54	13.762	1002	1004	1006	rBV	52598	59246	1.25%	0.106%
55	13.876	1012	1014	1015	rBV	49716	71588	1.51%	0.128%
56	13.968	1020	1022	1028	rVB	409998	490629	10.35%	0.878%
57	14.128	1032	1036	1042	rVV3	873033	1889267	39.86%	3.380%
58	14.288	1048	1050	1053	rVB3	65008	80961	1.71%	0.145%
59	14.517	1068	1070	1071	rBV	68636	76073	1.61%	0.136%
60	14.597	1075	1077	1080	rBV3	155189	233276	4.92%	0.417%
61	14.757	1089	1091	1093	rVB2	65213	76052	1.60%	0.136%
62	14.882	1100	1102	1105	rVB2	289073	331786	7.00%	0.594%
63	15.168	1125	1127	1131	rBV	301288	580224	12.24%	1.038%
64	15.248	1131	1134	1135	rBV	113205	143499	3.03%	0.257%
65	15.477	1151	1154	1157	rVB	188283	262841	5.55%	0.470%
66	15.534	1157	1159	1162	rVB	225747	284738	6.01%	0.509%
67	15.602	1162	1165	1171	rBV	502427	798059	16.84%	1.428%
68	16.071	1203	1206	1208	rBV	78932	129113	2.72%	0.231%
69	16.117	1208	1210	1213	rBV2	53874	99890	2.11%	0.179%
70	16.574	1248	1250	1252	rBV	44277	72569	1.53%	0.130%
71	17.065	1290	1293	1298	rVB2	112267	250418	5.28%	0.448%

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72	17.180	1300	1303	1306	rVB2	48754	101850	2.15%	0.182%
73	17.260	1307	1310	1312	rBV2	39363	89615	1.89%	0.160%
74	17.511	1329	1332	1338	rVB	89551	212099	4.48%	0.380%
75	17.671	1342	1346	1350	rBV4	93043	243523	5.14%	0.436%
76	18.711	1433	1437	1444	rVB3	51240	161290	3.40%	0.289%

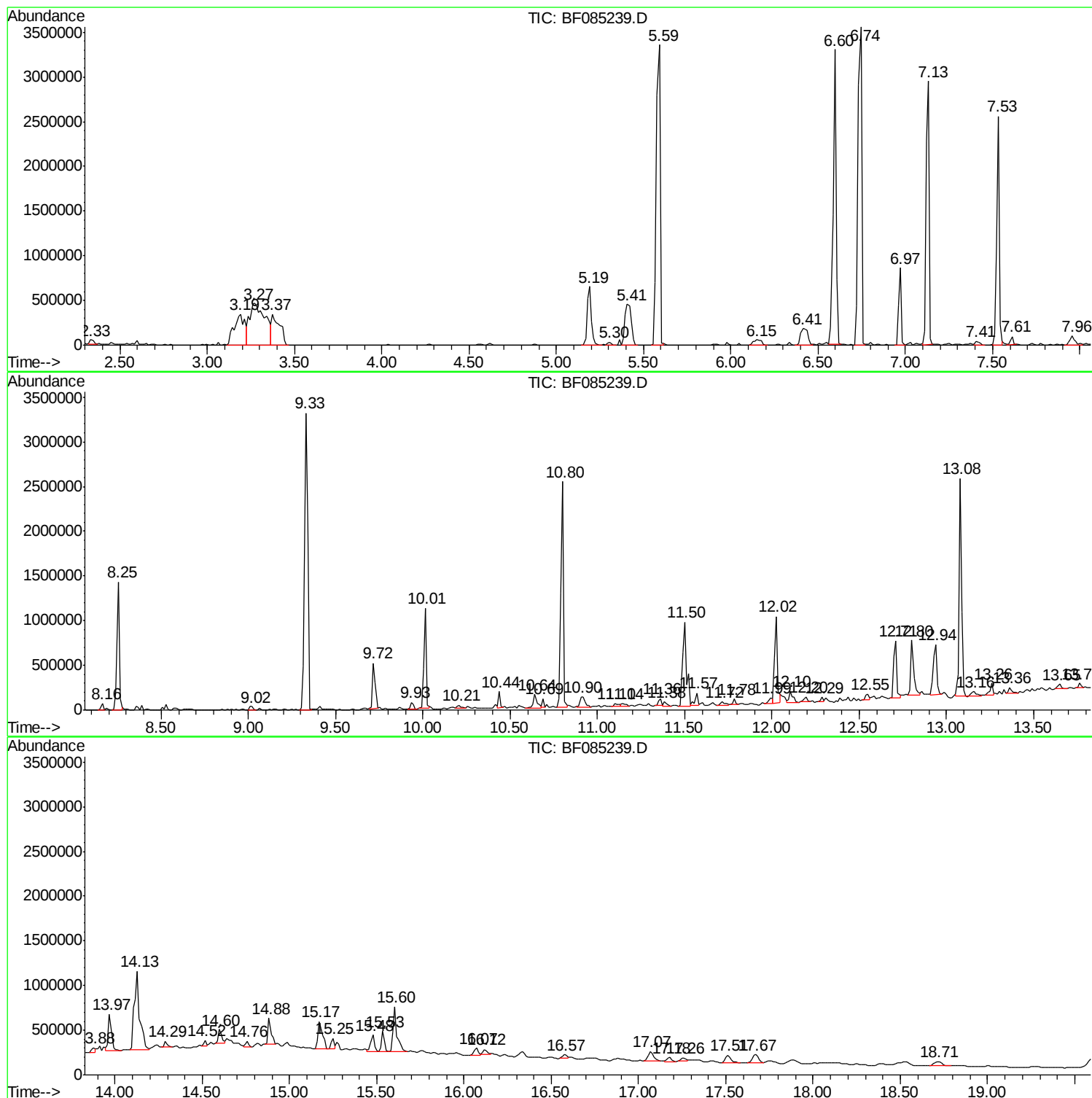
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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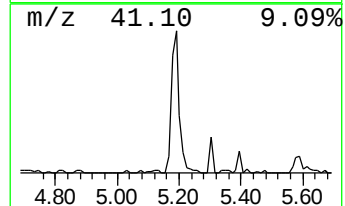
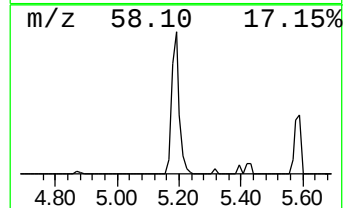
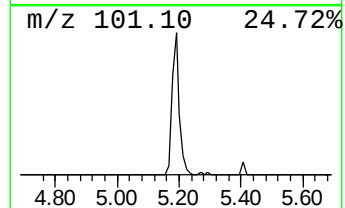
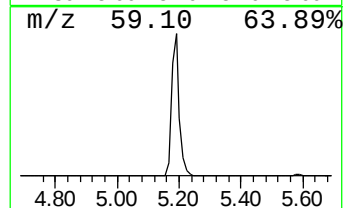
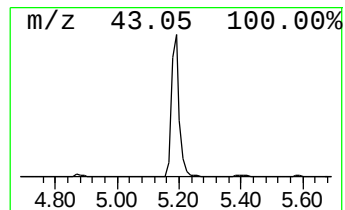
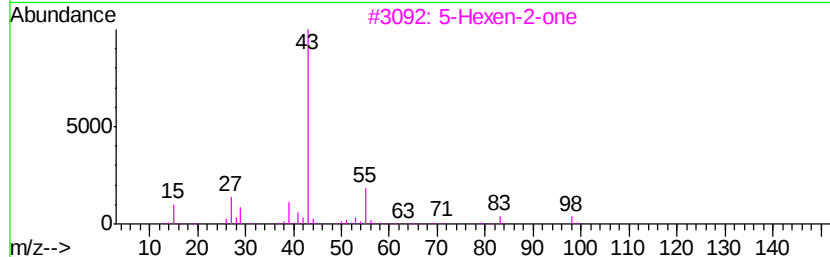
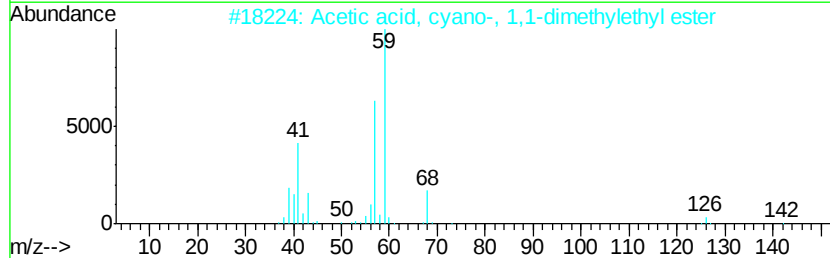
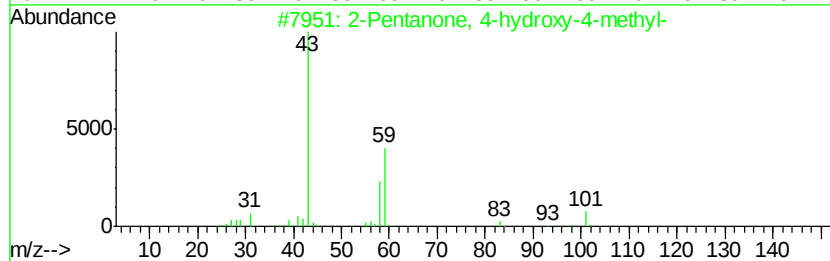
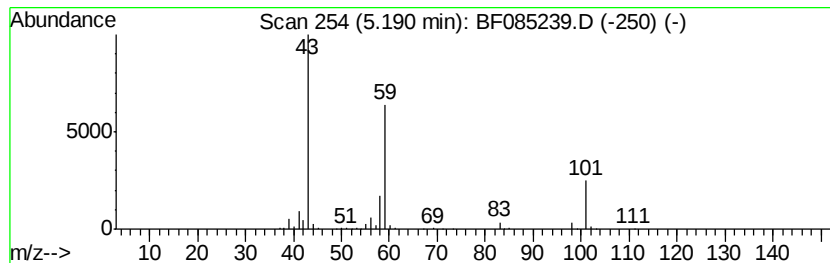
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	24.30 ng	1121300	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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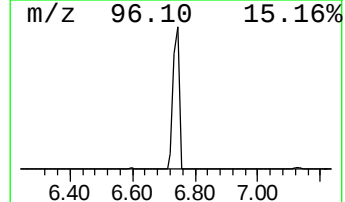
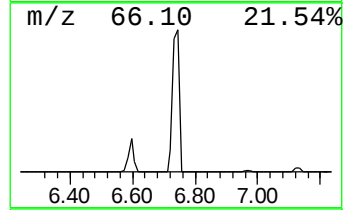
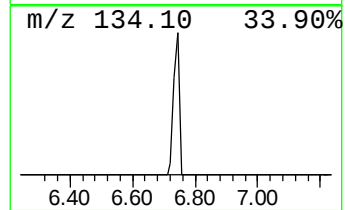
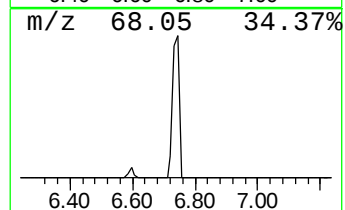
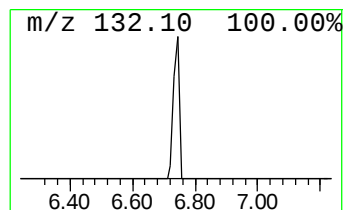
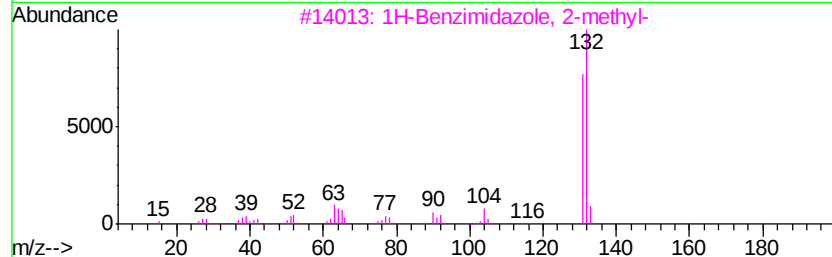
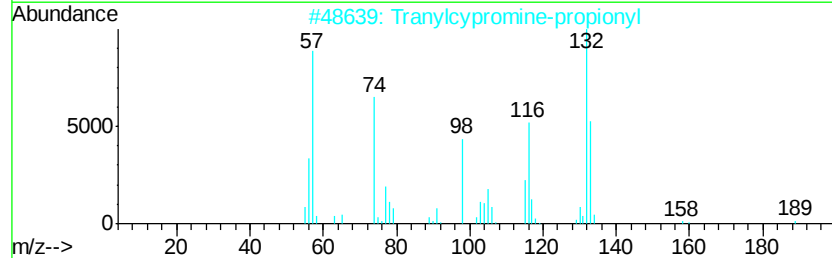
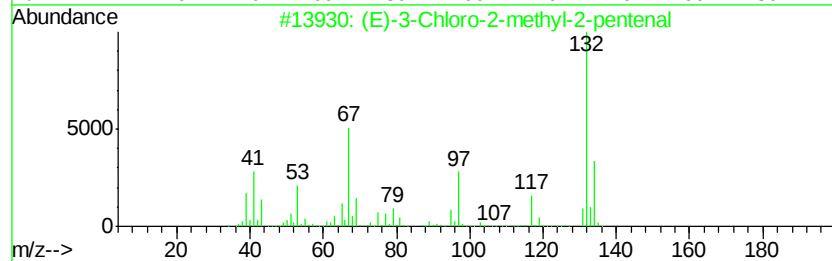
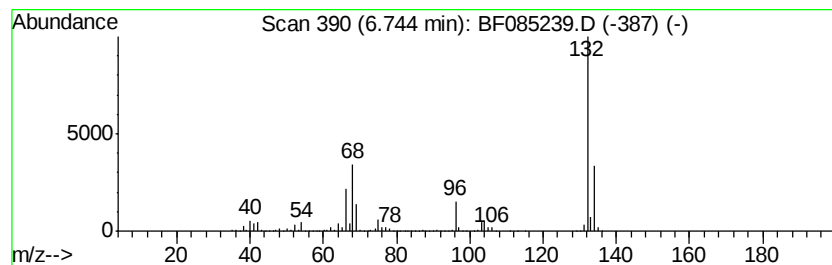
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown6.74 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	102.73 ng	4739510	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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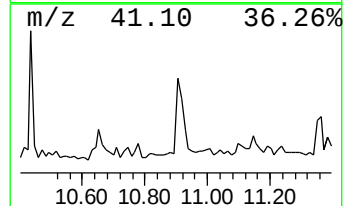
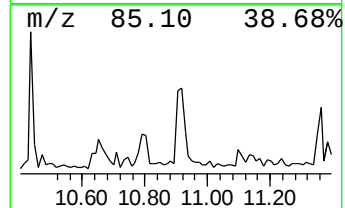
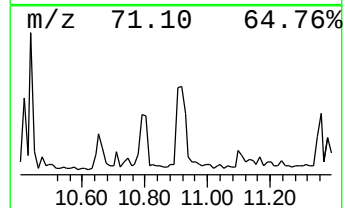
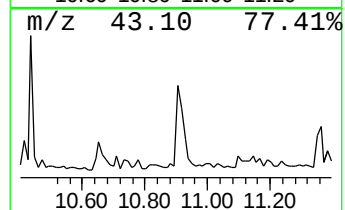
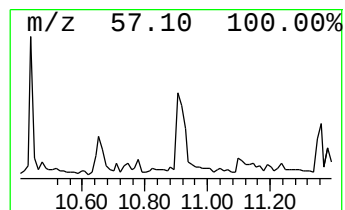
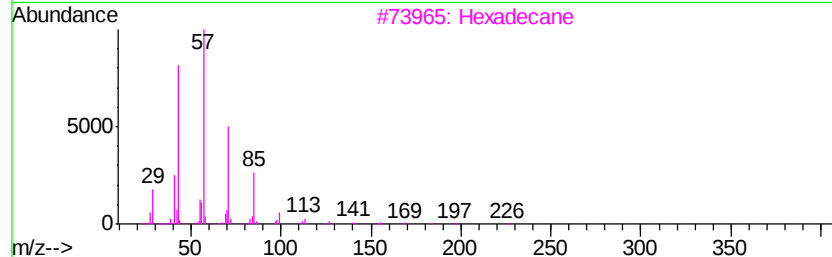
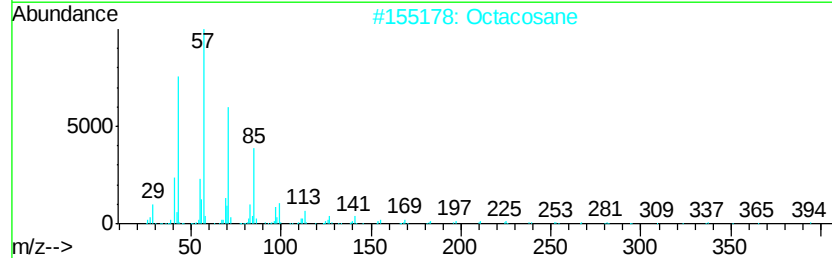
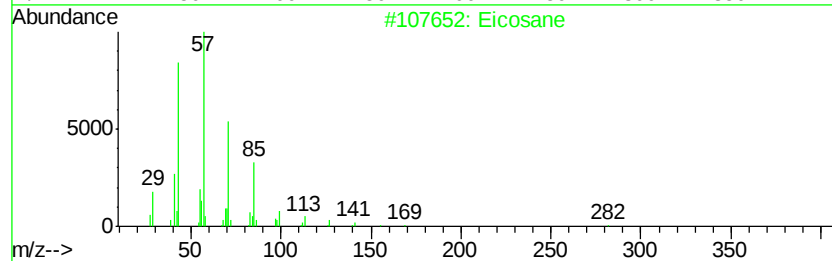
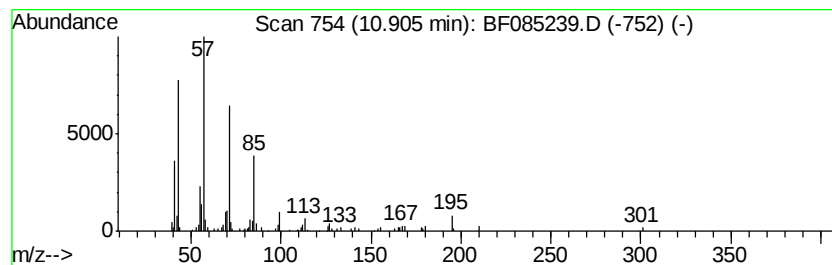
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.90	2.90 ng	215574	Phenanthrene-d10		11.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	90
2	Octacosane		394	C28H58	000630-02-4	87
3	Hexadecane		226	C16H34	000544-76-3	86
4	Tetracosane		338	C24H50	000646-31-1	86
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86



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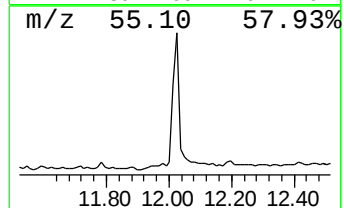
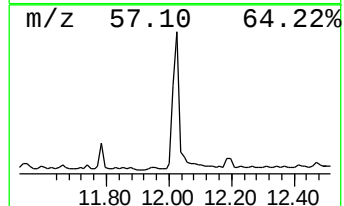
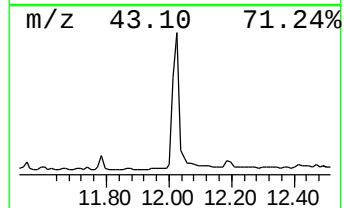
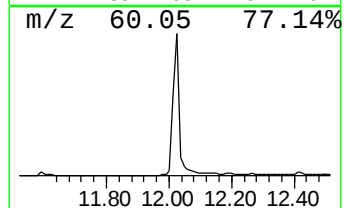
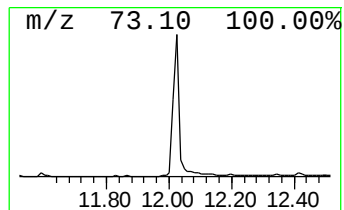
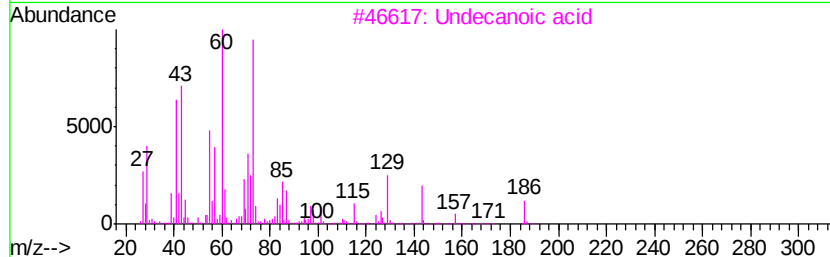
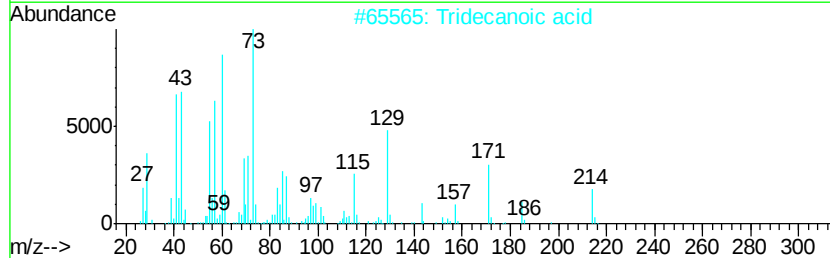
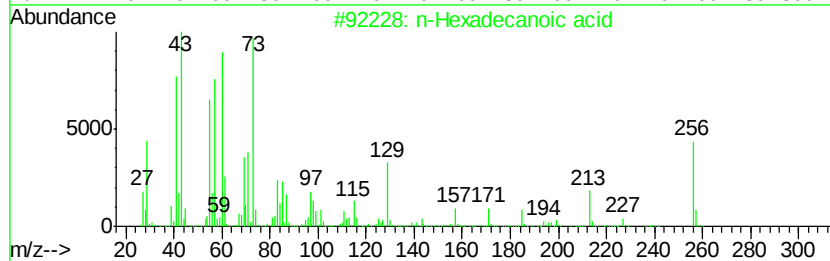
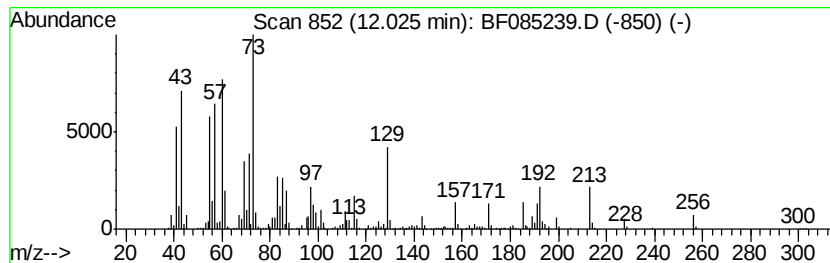
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	15.72 ng	1166970	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	92
3		Undecanoic acid	186	C11H22O2	000112-37-8	74
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5		n-Decanoic acid	172	C10H20O2	000334-48-5	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085239.D
Acq On : 5 Mar 2016 8:11
Operator : SJ/IZ
Sample : H1683-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP-(0.0-2.0)

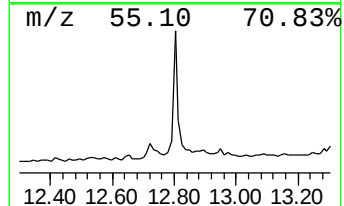
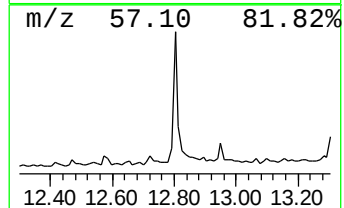
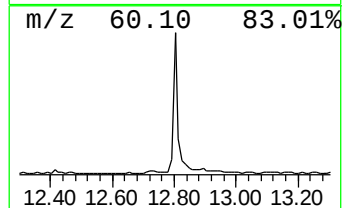
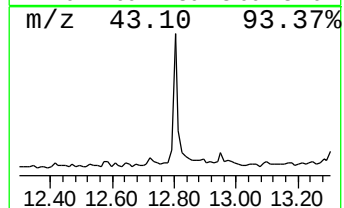
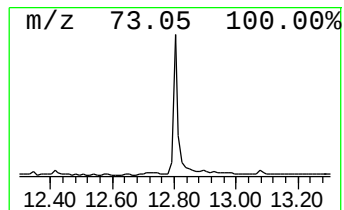
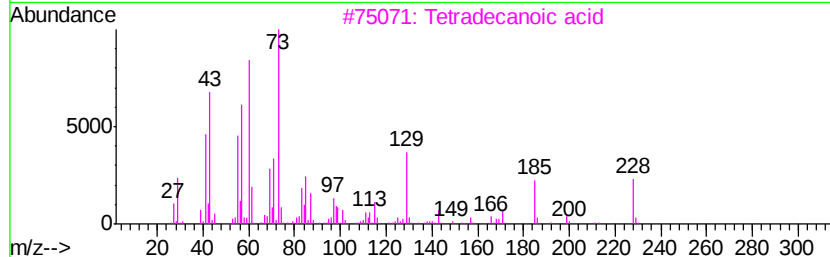
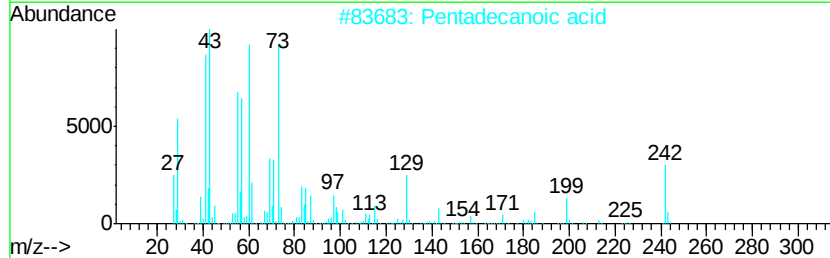
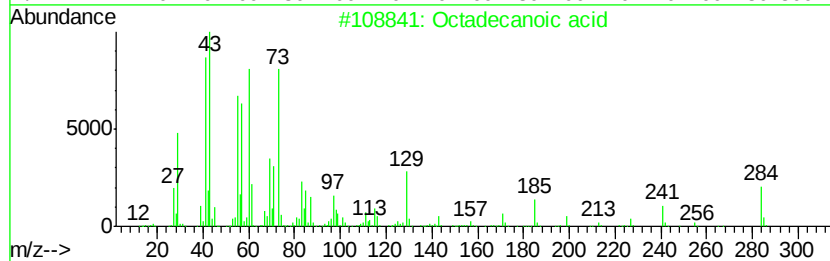
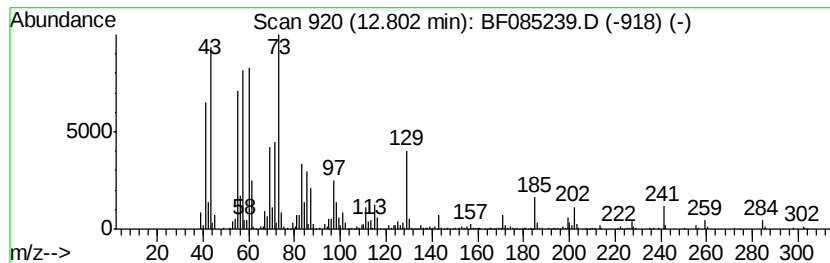
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	8.88 ng	658849	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4			n-Decanoic acid	172	C10H20O2	000334-48-5	68
5			Hexadecane	226	C16H34	000544-76-3	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
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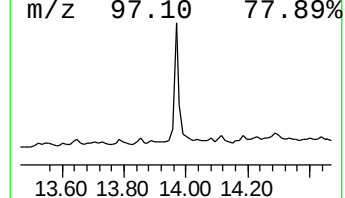
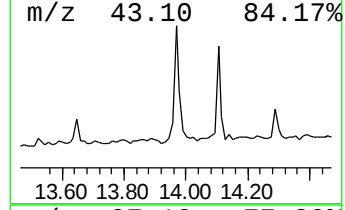
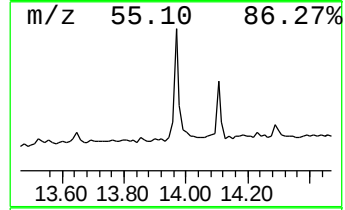
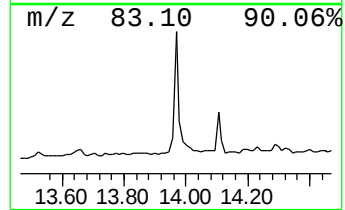
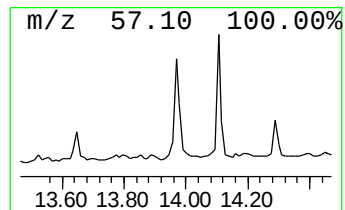
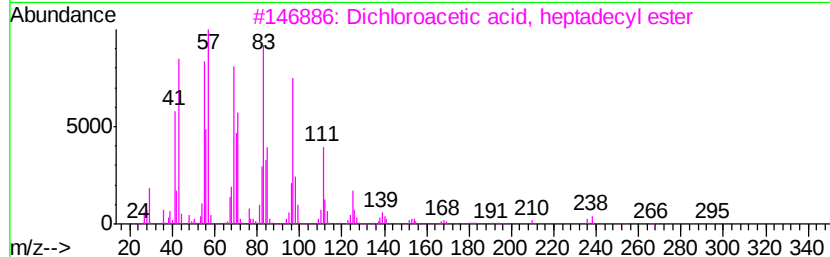
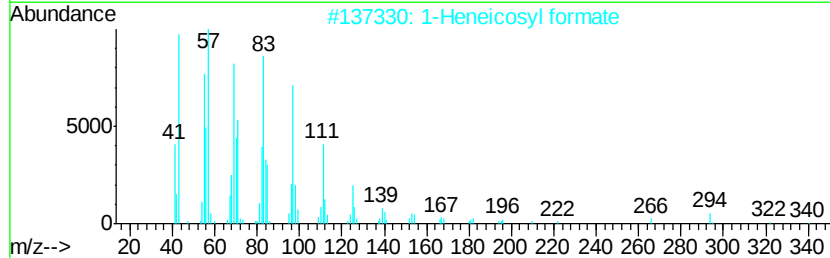
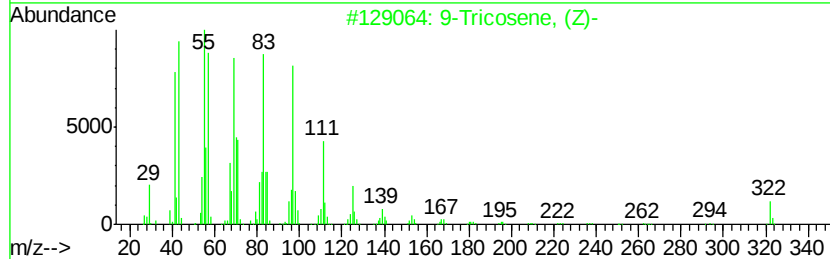
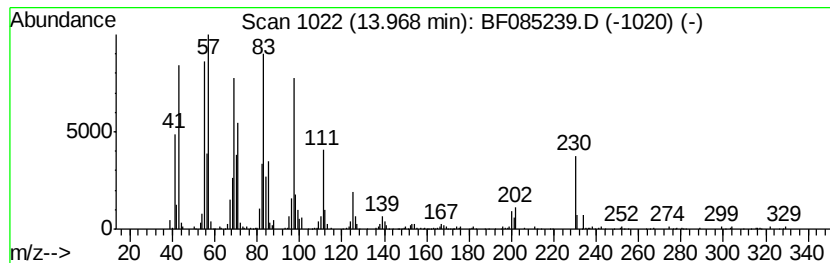
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Tricosene, (Z)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	5.19 ng	490629	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	95
2	1-Heneicosyl formate	340 C22H44O2	077899-03-7	94
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	93
4	Heptafluorobutanoic acid, heptad...	452 C21H35F7O2	1000282-97-3	91
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030416\
Data File : BF085239.D
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Sample : H1683-06
Misc :
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Instrument :
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ClientSampleId :
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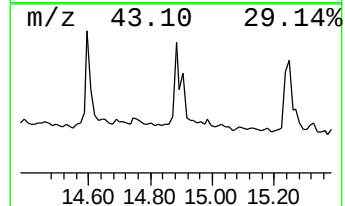
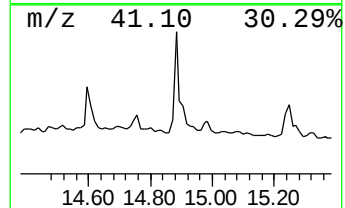
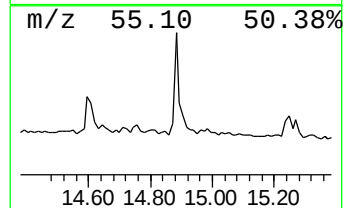
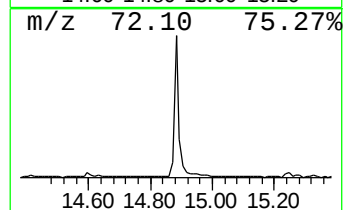
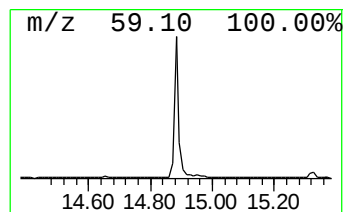
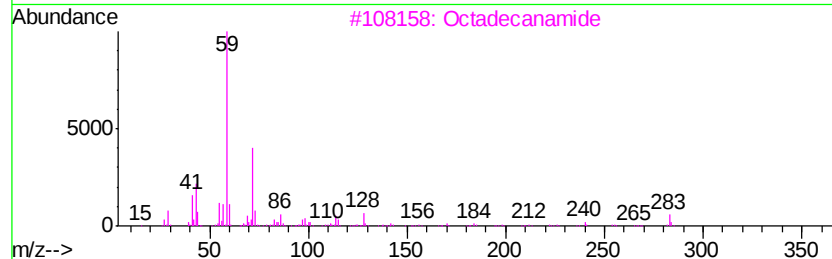
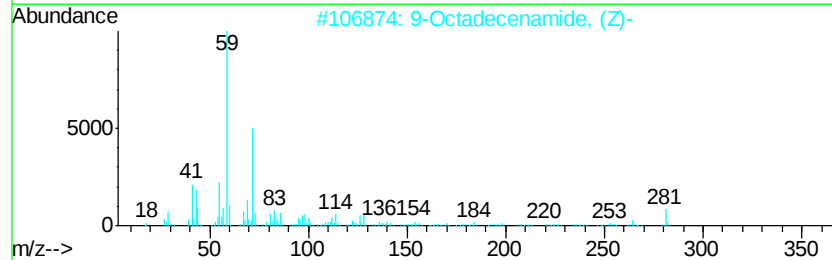
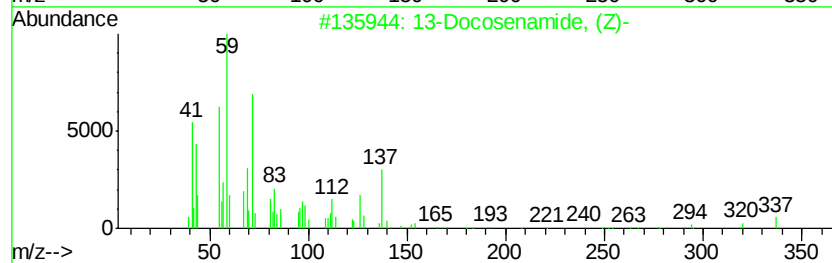
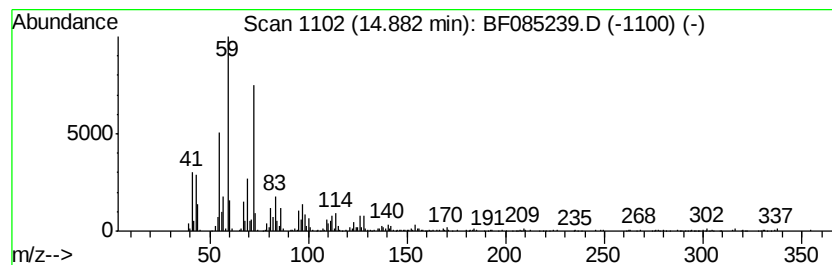
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 13-Docosenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	8.31 ng	331786	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	49
3		Octadecanamide	283	C18H37NO	000124-26-5	47
4		Dodecanamide	199	C12H25NO	001120-16-7	47
5		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
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Sample : H1683-06
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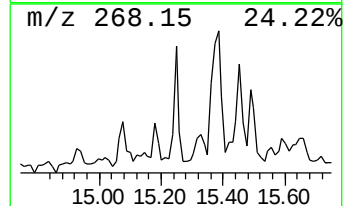
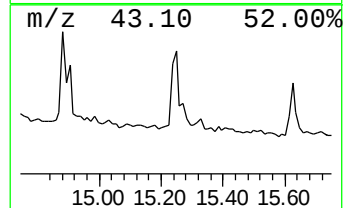
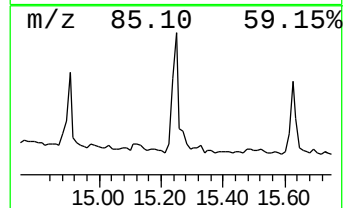
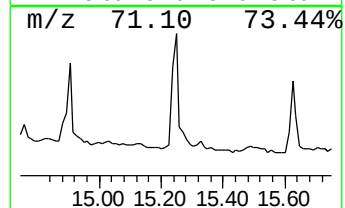
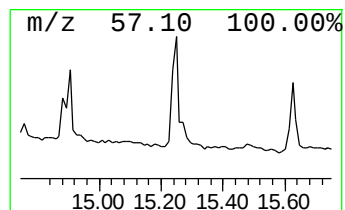
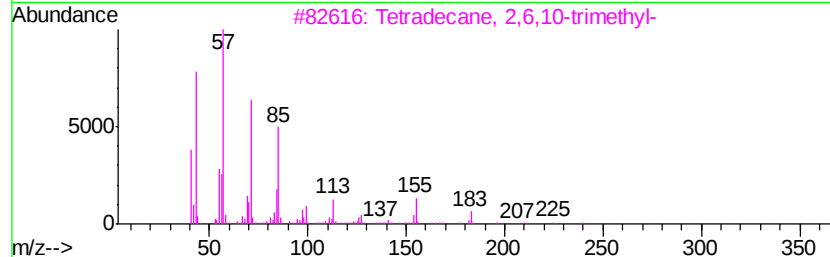
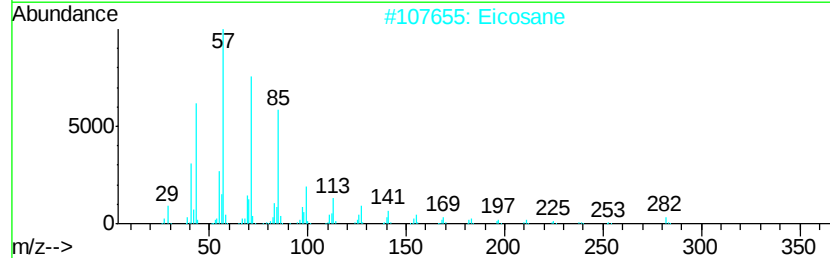
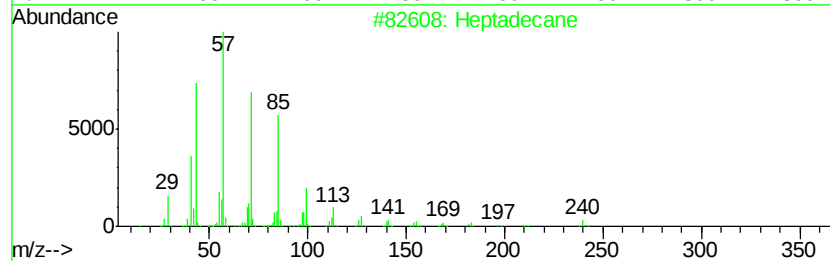
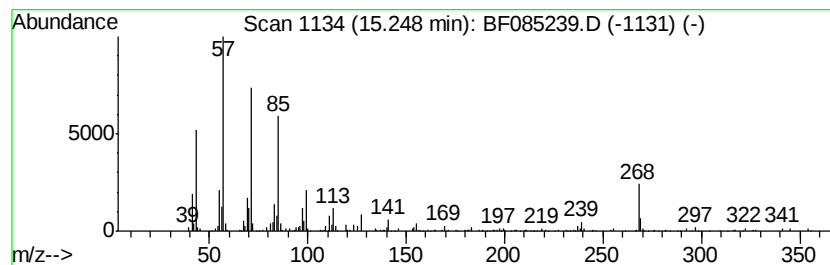
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	3.60 ng	143499	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	95
2		Eicosane	282	C20H42	000112-95-8	91
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4		Heneicosane	296	C21H44	000629-94-7	87
5		Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
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Sample : H1683-06
Misc :
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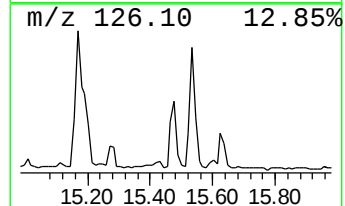
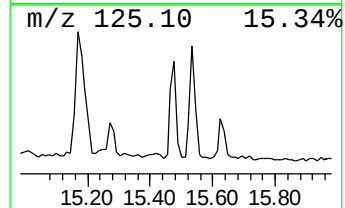
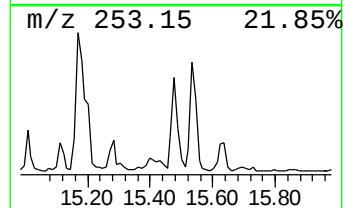
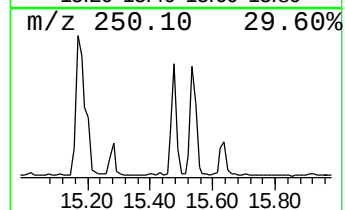
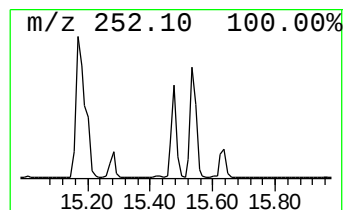
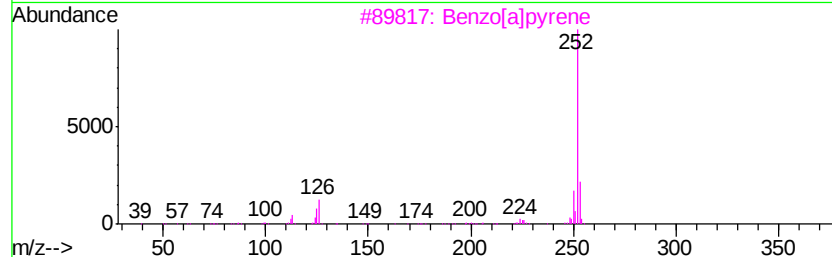
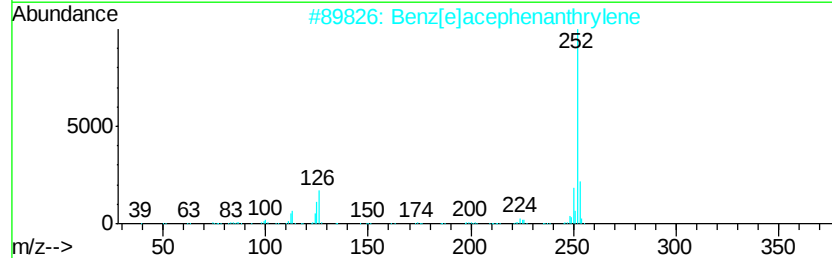
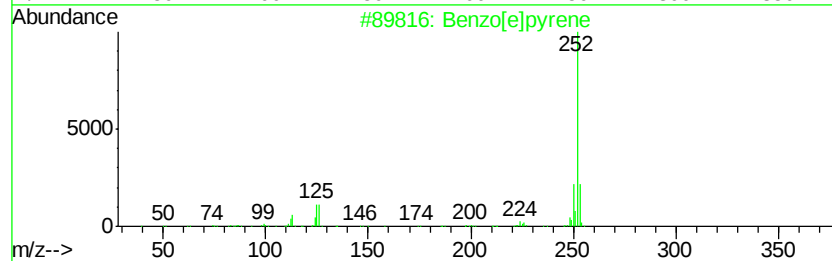
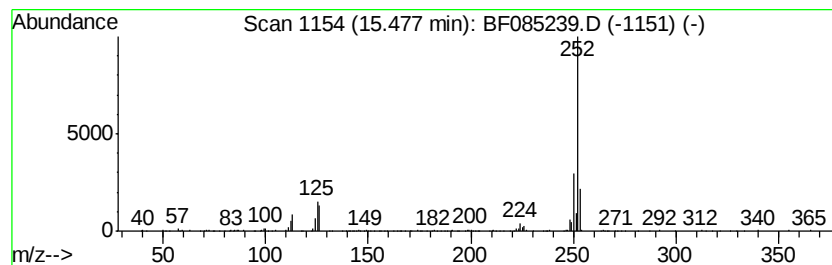
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	6.59 ng	262841	Perylene-d12	15.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]bpvrene	252	C20H12	000192-97-2	94
2			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
3			Benzo[a]bpvrene	252	C20H12	000050-32-8	93
4			Perylene	252	C20H12	000198-55-0	90
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
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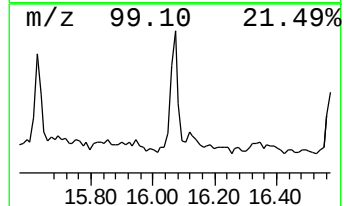
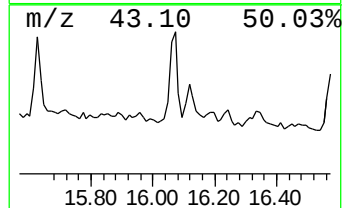
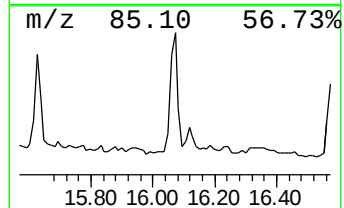
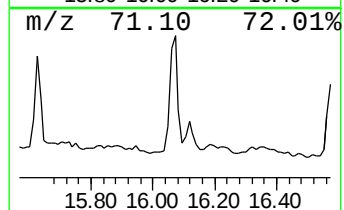
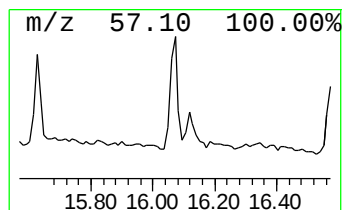
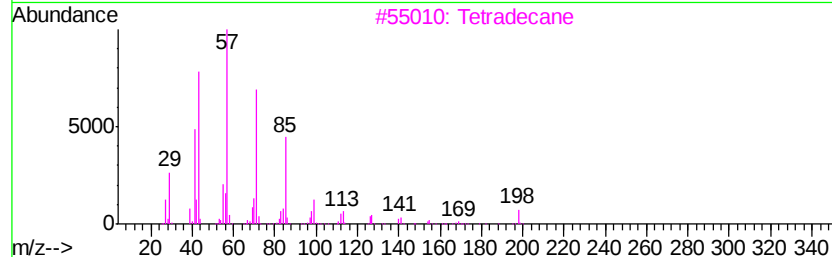
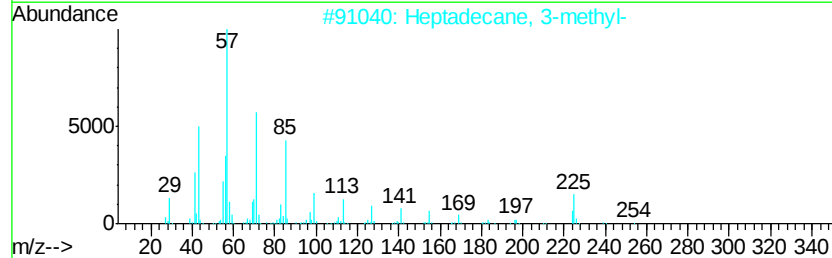
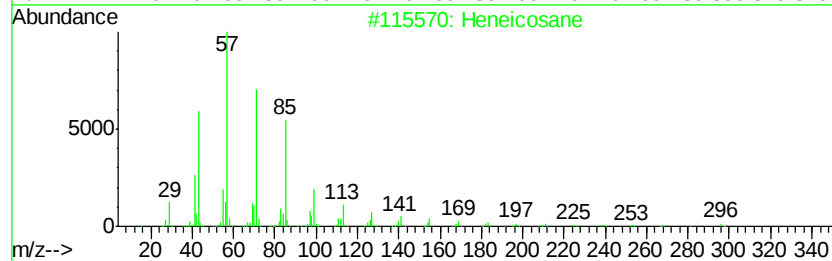
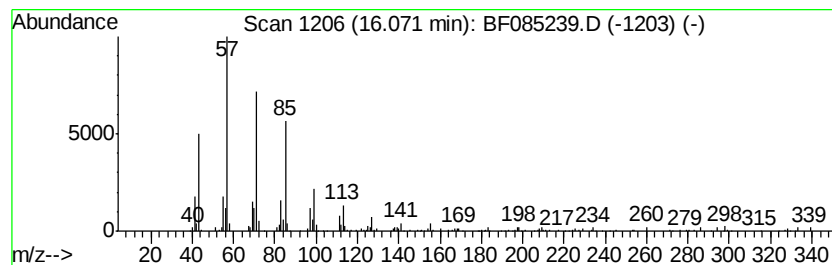
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.24 ng	129113	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	87
3		Tetradecane	198	C14H30	000629-59-4	86
4		Heptadecane	240	C17H36	000629-78-7	86
5		Hexacosane	366	C26H54	000630-01-3	86



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Misc :
ALS Vial : 36 Sample Multiplier: 1

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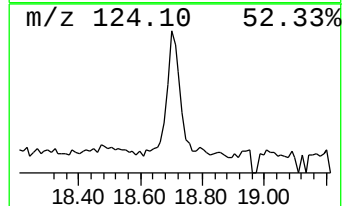
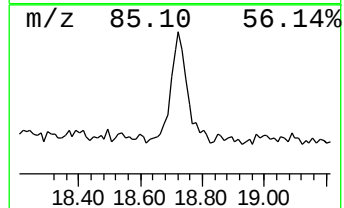
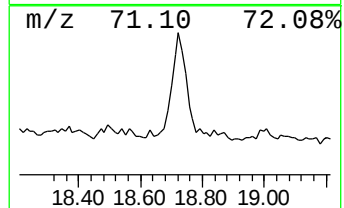
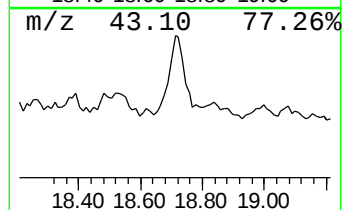
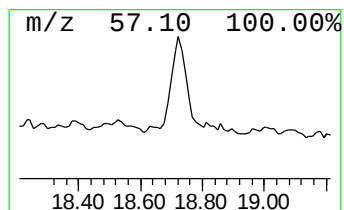
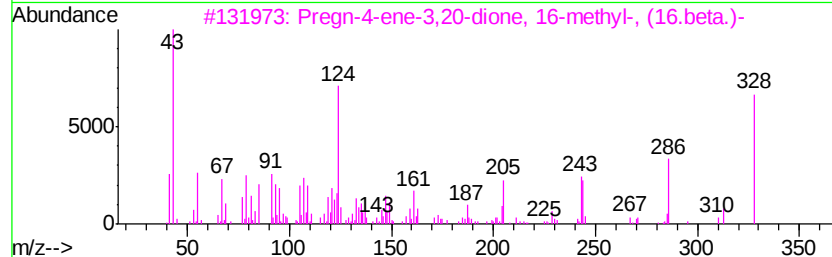
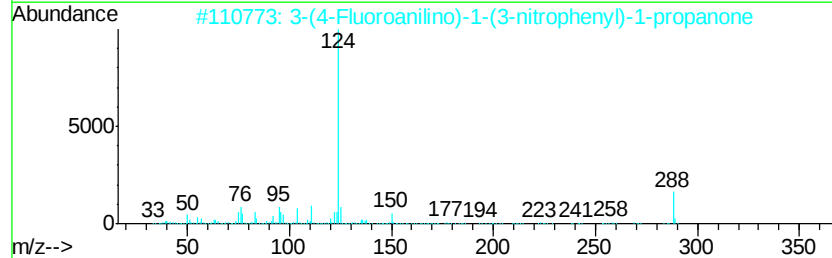
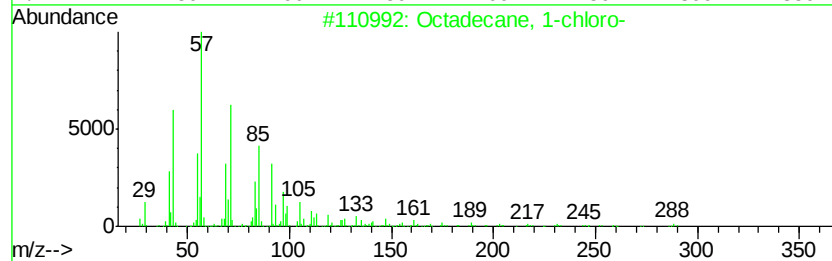
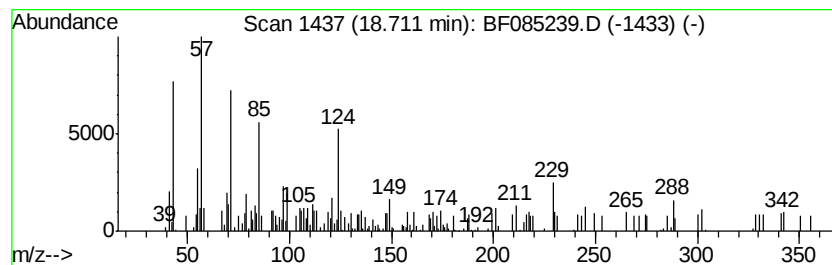
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	4.04 ng	161290	Perylene-d12	15.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	35
2		3-(4-Fluoroanilino)-1-(3-nitroph...	288	C15H13FN2O3	350039-84-8	18
3		Predn-4-ene-3,20-dione, 16-methv...	328	C22H32O2	001424-09-5	18
4		8-Azabicyclo[3.2.1]octan-3-ol, 8...	245	C15H19NO2	000537-26-8	18
5		Pregn-4-ene-3,20-dione, 14-methyl-	328	C22H32O2	055162-96-4	15



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085239.D
 Acq On : 5 Mar 2016 8:11
 Operator : SJ/IZ
 Sample : H1683-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP-(0.0-2.0)

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
2-Pentanone, 4-hy...	5.19	24.3	ng	1121300	1	6.97	922746	20.0
unknown6.74	6.74	102.7	ng	4739510	1	6.97	922746	20.0
Eicosane	10.90	2.9	ng	215574	4	11.50	1484580	20.0
n-Hexadecanoic acid	12.02	15.7	ng	1166970	4	11.50	1484580	20.0
Octadecanoic acid	12.80	8.9	ng	658849	4	11.50	1484580	20.0
9-Tricosene, (Z)-	13.97	5.2	ng	490629	5	14.13	1889270	20.0
13-Docosenamide, ...	14.88	8.3	ng	331786	6	15.60	798059	20.0
Heptadecane	15.25	3.6	ng	143499	6	15.60	798059	20.0
Benzo[e]pyrene	15.48	6.6	ng	262841	6	15.60	798059	20.0
Heneicosane	16.07	3.2	ng	129113	6	15.60	798059	20.0
unknown18.71	18.71	4.0	ng	161290	6	15.60	798059	20.0