

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086186.D
 Acq On : 8 Apr 2016 23:41
 Operator : UM/SJ
 Sample : H2283-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-COMP

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-BF040216.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.910	245	247	259	rVB	224222	482975	12.91%	1.271%
2	5.333	282	284	286	rBV	2685647	3024394	80.84%	7.962%
3	5.733	316	319	329	rVB	34603	46269	1.24%	0.122%
4	6.373	373	375	378	rBV	2038493	3141988	83.98%	8.271%
5	6.499	383	386	388	rBV	3038667	3116025	83.29%	8.203%
6	6.727	404	406	408	rBV	759720	713771	19.08%	1.879%
7	6.876	417	419	422	rBV	1889078	2545626	68.04%	6.702%
8	7.299	453	456	458	rBV	1966405	2031097	54.29%	5.347%
9	7.413	464	466	471	rVB	32252	42809	1.14%	0.113%
10	8.007	516	518	521	rBV	861286	972590	26.00%	2.560%
11	9.093	610	613	615	rBV	3440939	3741365	100.00%	9.849%
12	9.425	640	642	643	rBV	40245	38486	1.03%	0.101%
13	9.482	646	647	650	rVV	330922	397404	10.62%	1.046%
14	9.699	664	666	668	rVB	98502	77724	2.08%	0.205%
15	9.768	669	672	673	rVV	664703	941055	25.15%	2.477%
16	9.790	673	674	677	rVB	60166	68273	1.82%	0.180%
17	9.973	687	690	692	rBV2	39343	57284	1.53%	0.151%
18	10.168	705	707	708	rBV	37488	40153	1.07%	0.106%
19	10.190	708	709	711	rVB2	73611	100208	2.68%	0.264%
20	10.305	717	719	722	rVB	74265	93466	2.50%	0.246%
21	10.419	726	729	732	rBV2	43916	72901	1.95%	0.192%
22	10.465	732	733	735	rVB	43631	43093	1.15%	0.113%
23	10.556	738	741	743	rBV	1948475	1995877	53.35%	5.254%
24	10.671	749	751	757	rVB	124683	188205	5.03%	0.495%
25	10.853	765	767	769	rBV3	33377	56695	1.52%	0.149%
26	10.991	777	779	783	rVB3	29436	61925	1.66%	0.163%
27	11.116	787	790	791	rBV2	89613	109524	2.93%	0.288%
28	11.139	791	792	796	rVB	78673	95642	2.56%	0.252%
29	11.242	799	801	802	rBV	983759	902132	24.11%	2.375%
30	11.322	805	808	810	rVB	279153	258065	6.90%	0.679%
31	11.482	820	822	826	rBV4	37947	87647	2.34%	0.231%
32	11.539	826	827	828	rVV	93483	70834	1.89%	0.186%
33	11.745	843	845	846	rBV	120121	99229	2.65%	0.261%
34	11.779	846	848	850	rVV	259180	269106	7.19%	0.708%

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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-BF040216.M
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35	11.825	850	852	853	rVV2	69168	71510	1.91%	0.188%
36	11.859	853	855	860	rVB2	181237	295848	7.91%	0.779%
37	11.951	860	863	865	rBV2	33423	69587	1.86%	0.183%
38	12.042	867	871	873	rBV	100364	130344	3.48%	0.343%
39	12.076	873	874	876	rVB	36078	38642	1.03%	0.102%
40	12.191	880	884	885	rBV	40147	60199	1.61%	0.158%
41	12.225	885	887	891	rVB	28961	50566	1.35%	0.133%
42	12.294	891	893	895	rBV	83810	92314	2.47%	0.243%
43	12.328	895	896	899	rVB2	48354	76992	2.06%	0.203%
44	12.385	899	901	905	rBV2	42824	54799	1.46%	0.144%
45	12.454	905	907	909	rBV	1184434	1063561	28.43%	2.800%
46	12.568	915	917	919	rBV	39183	74228	1.98%	0.195%
47	12.602	919	920	924	rVV2	52958	68329	1.83%	0.180%
48	12.682	924	927	930	rVV	1003666	1083908	28.97%	2.853%
49	12.739	930	932	934	rVB	45770	66281	1.77%	0.174%
50	12.831	937	940	942	rVV	2903119	2904071	77.62%	7.645%
51	12.899	944	946	949	rBV4	54121	102850	2.75%	0.271%
52	13.014	952	956	958	rVB	118287	152955	4.09%	0.403%
53	13.082	958	962	963	rBV2	74986	114260	3.05%	0.301%
54	13.116	963	965	969	rBV	88163	120855	3.23%	0.318%
55	13.242	974	976	980	rVV3	38871	73540	1.97%	0.194%
56	13.311	980	982	986	rVB4	41783	66294	1.77%	0.175%
57	13.528	999	1001	1005	rVB	55128	50191	1.34%	0.132%
58	13.654	1008	1012	1013	rBV3	63997	114427	3.06%	0.301%
59	13.882	1028	1032	1038	rBV2	752067	1553342	41.52%	4.089%
60	13.985	1039	1041	1044	rVB	76319	72616	1.94%	0.191%
61	14.042	1044	1046	1049	rBV3	34900	63251	1.69%	0.167%
62	14.271	1064	1066	1067	rVB	52146	45013	1.20%	0.118%
63	14.351	1070	1073	1075	rBV3	39952	89666	2.40%	0.236%
64	14.625	1095	1097	1103	rVB	251651	299902	8.02%	0.790%
65	14.705	1103	1104	1106	rVB	91755	78325	2.09%	0.206%
66	14.751	1106	1108	1111	rBV	37298	52058	1.39%	0.137%
67	14.888	1117	1120	1127	rVB	337784	613071	16.39%	1.614%
68	14.991	1127	1129	1131	rBV	63787	81764	2.19%	0.215%
69	15.162	1142	1144	1147	rVB	175979	206263	5.51%	0.543%
70	15.220	1147	1149	1152	rVV	287486	323157	8.64%	0.851%
71	15.277	1152	1154	1160	rVB2	504394	712003	19.03%	1.874%

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72	16.614	1268	1271	1276	rBV	117083	240841	6.44%	0.634%
73	16.774	1282	1285	1287	rBV2	31110	55780	1.49%	0.147%
74	16.831	1287	1290	1293	rVB2	22135	45413	1.21%	0.120%
75	17.014	1303	1306	1318	rVB	95644	275593	7.37%	0.726%
76	17.243	1323	1326	1331	rVB	41453	111506	2.98%	0.294%
77	19.071	1484	1486	1491	rVB	22676	39007	1.04%	0.103%
78	19.254	1498	1502	1506	rBV3	13462	46833	1.25%	0.123%

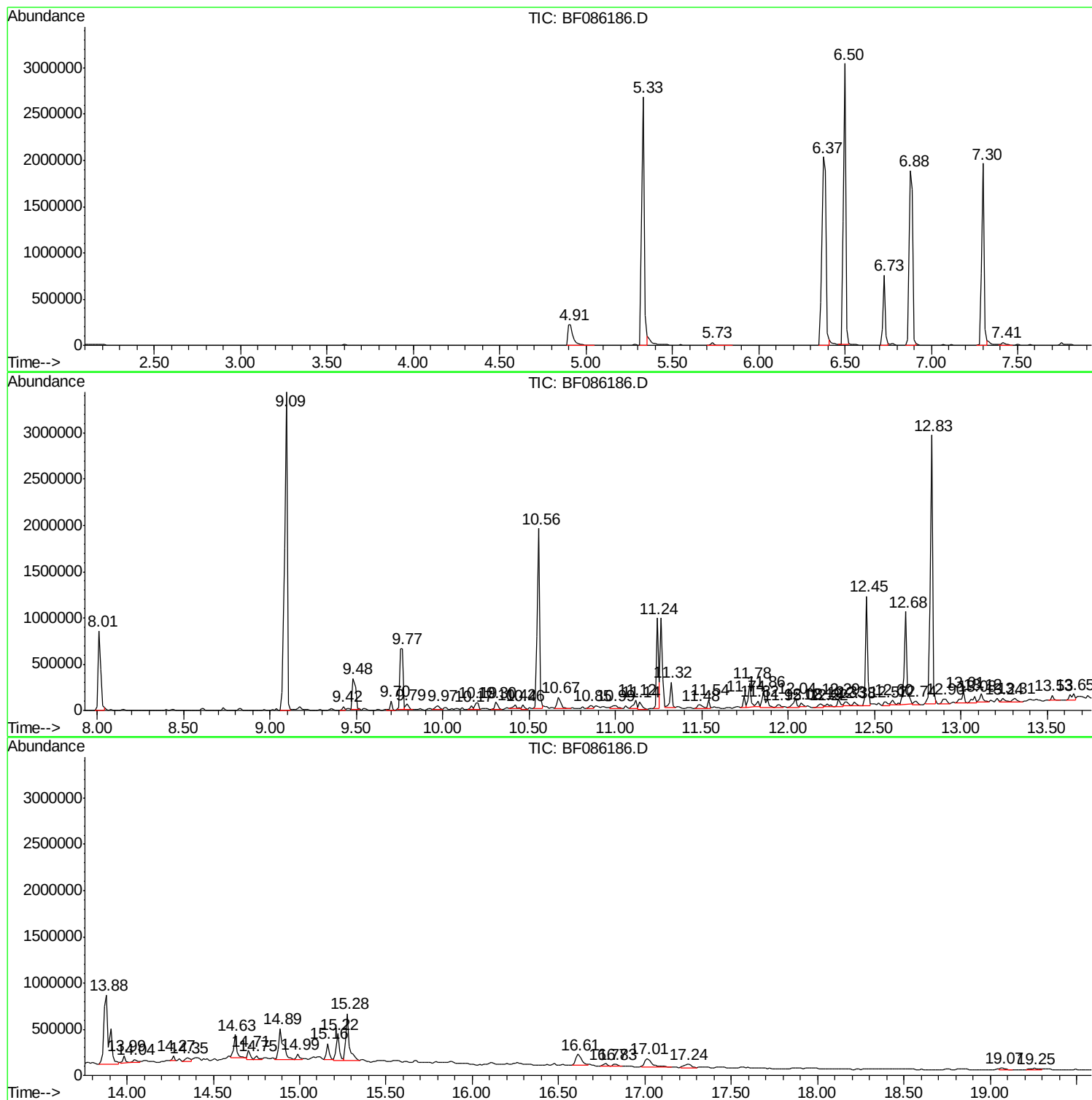
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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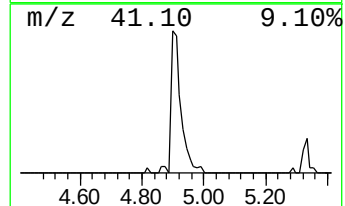
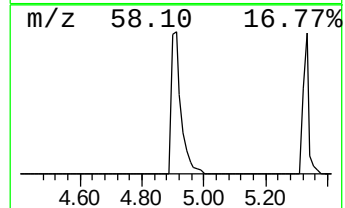
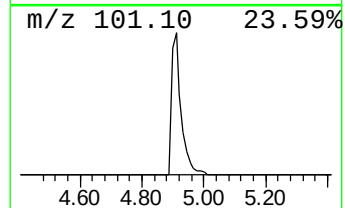
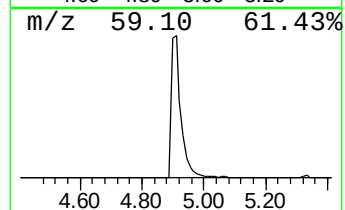
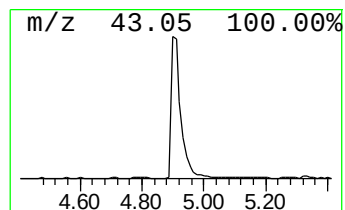
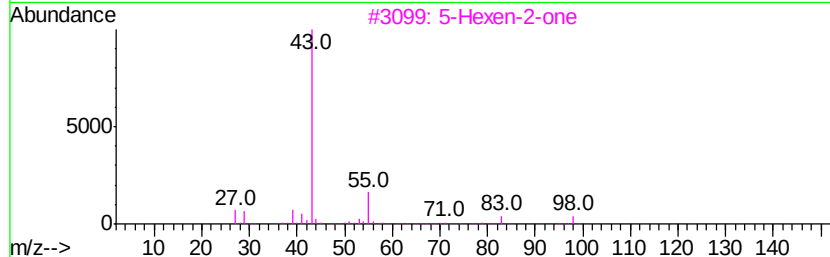
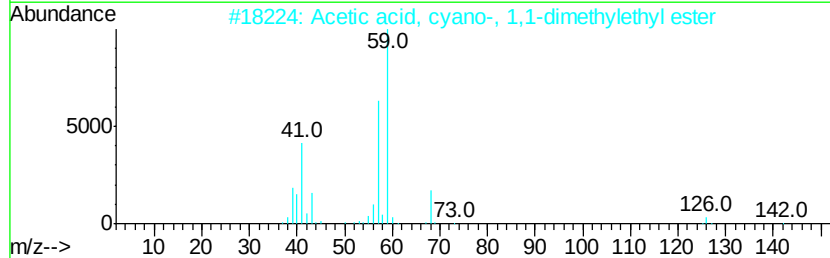
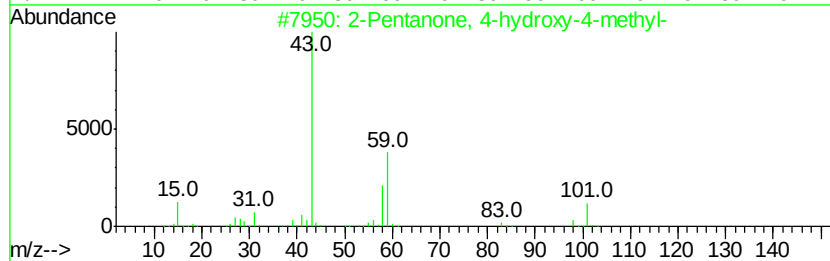
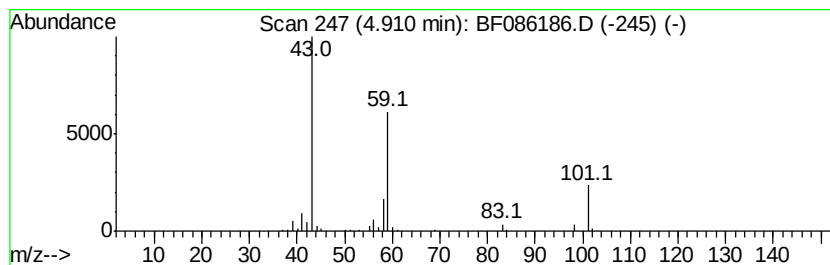
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	13.53 ng	482975	1,4-Dichlorobenzene-d4	6.73

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
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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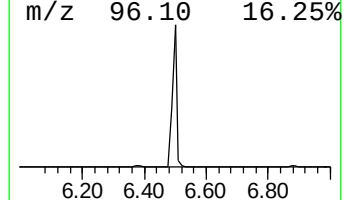
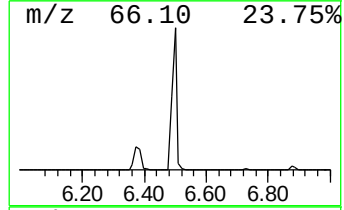
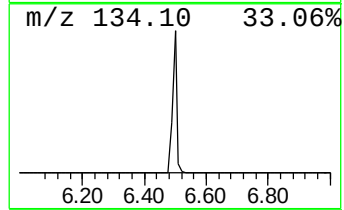
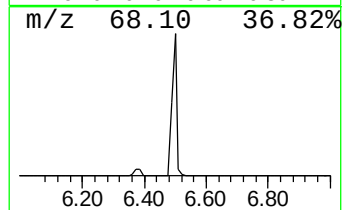
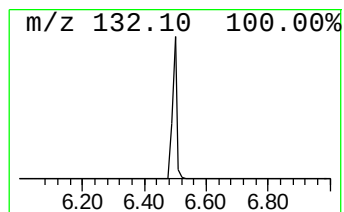
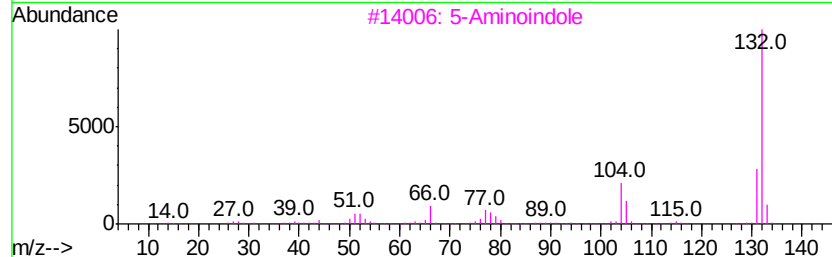
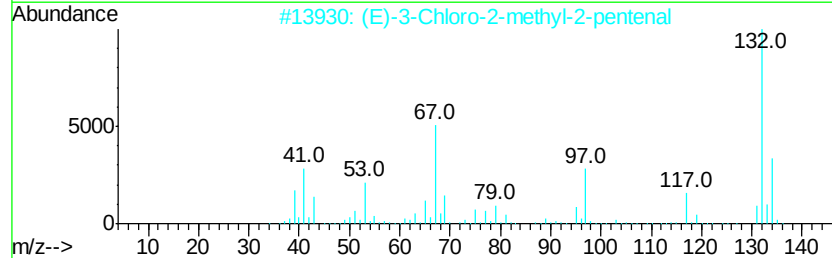
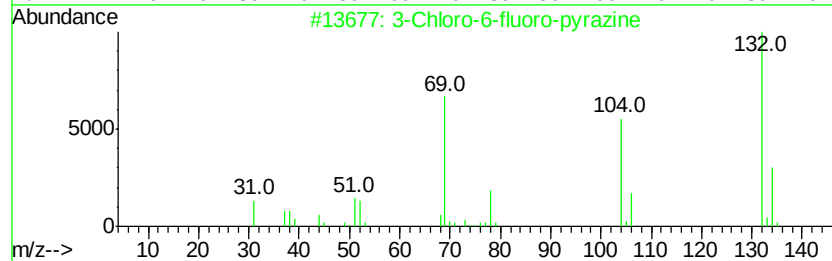
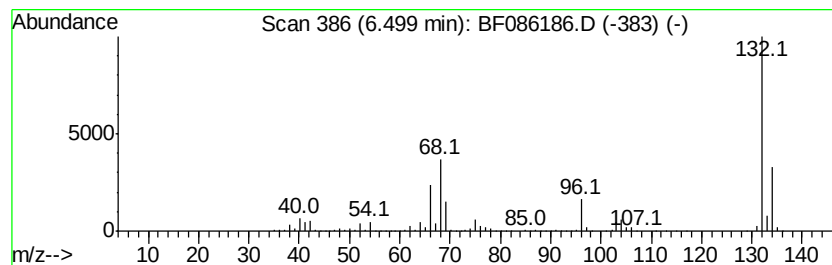
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	87.31 ng	3116030	1,4-Dichlorobenzene-d4	6.73

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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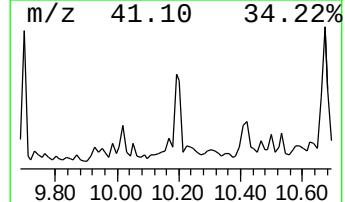
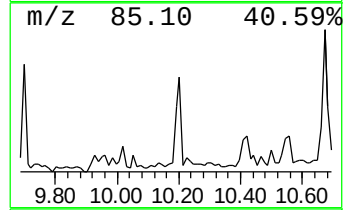
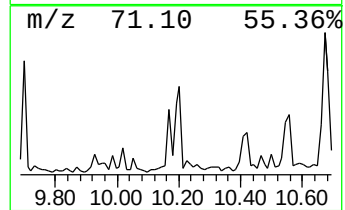
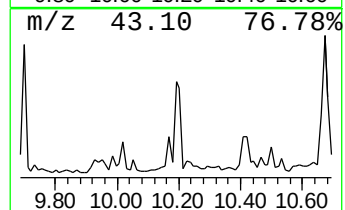
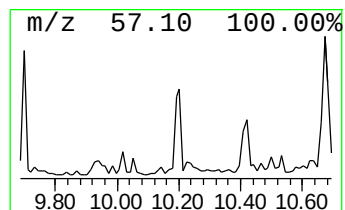
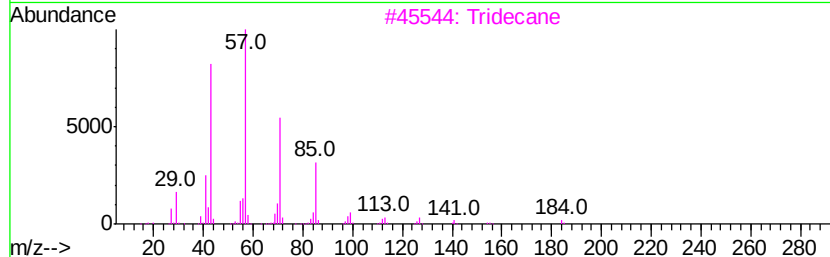
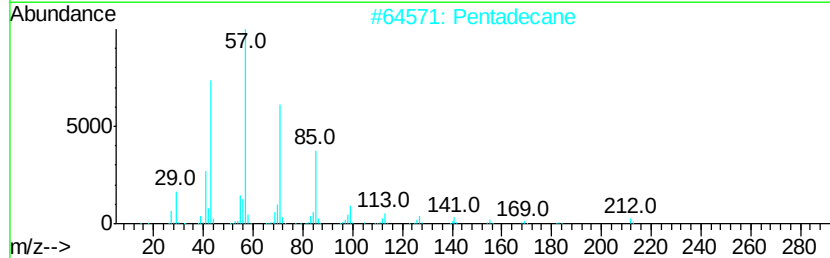
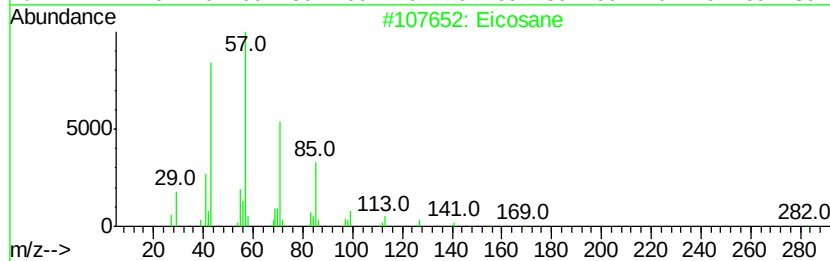
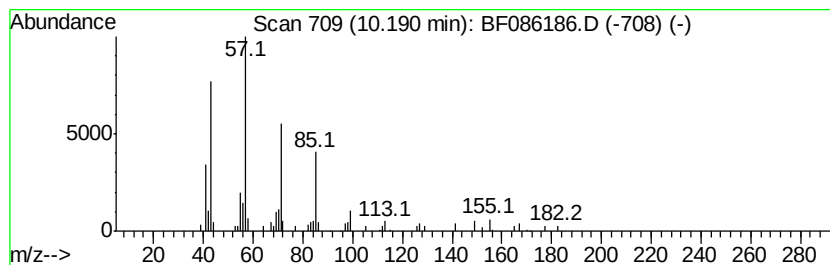
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	2.13 ng	100208	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	87
2		Pentadecane	212	C15H32	000629-62-9	86
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tritetracontane	605	C43H88	007098-21-7	86



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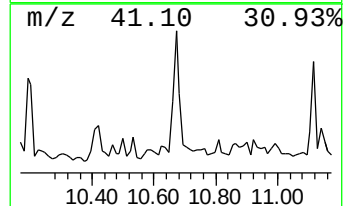
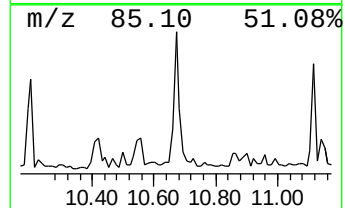
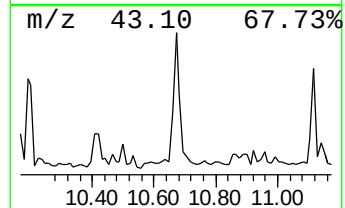
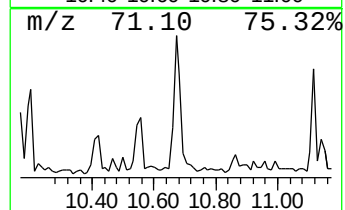
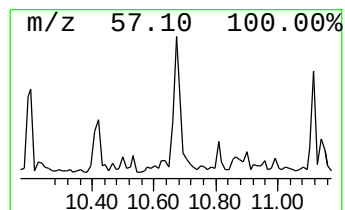
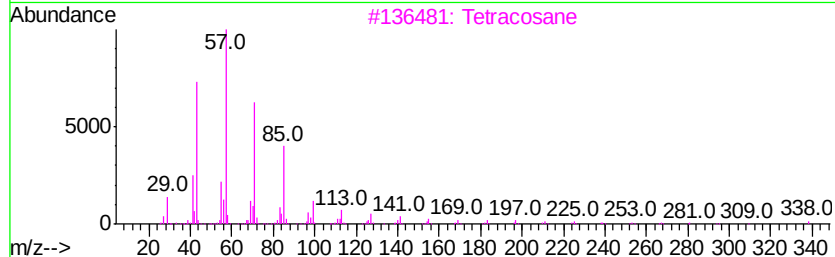
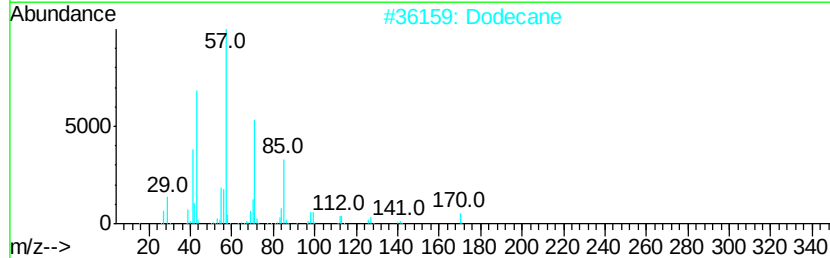
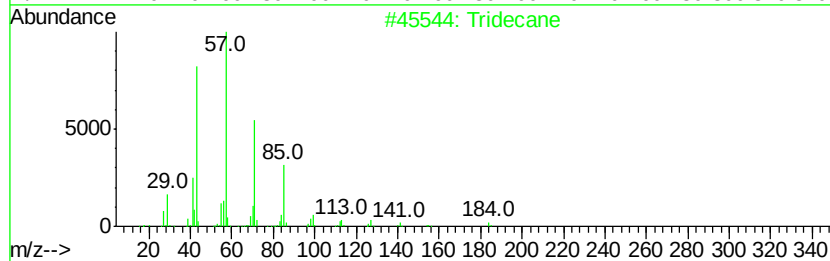
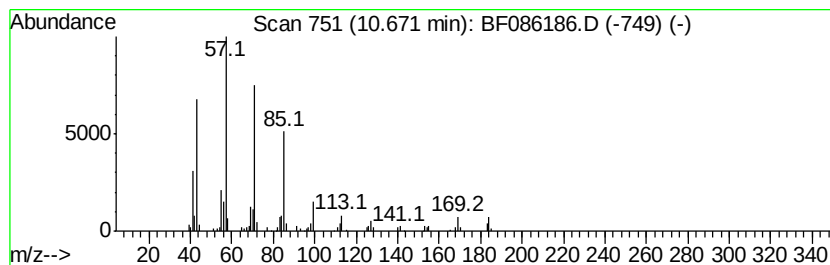
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.17 ng	188205	Phenanthrene-d10	11.24

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	87
2	Dodecane		170	C12H26	000112-40-3	87
3	Tetracosane		338	C24H50	000646-31-1	87
4	Octadecane		254	C18H38	000593-45-3	86
5	Hexadecane		226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
Data File : BF086186.D
Acq On : 8 Apr 2016 23:41
Operator : UM/SJ
Sample : H2283-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

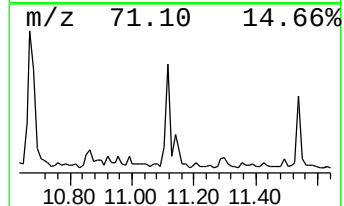
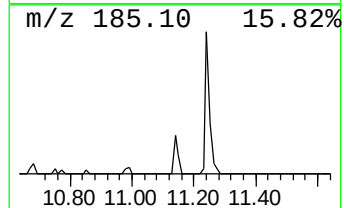
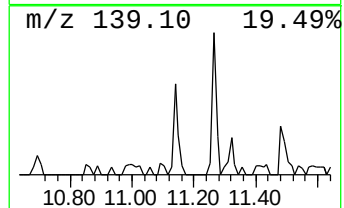
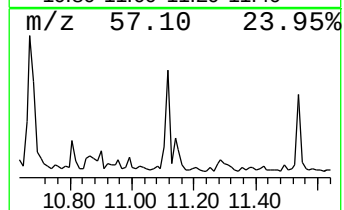
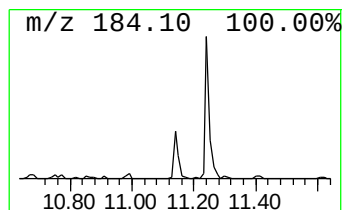
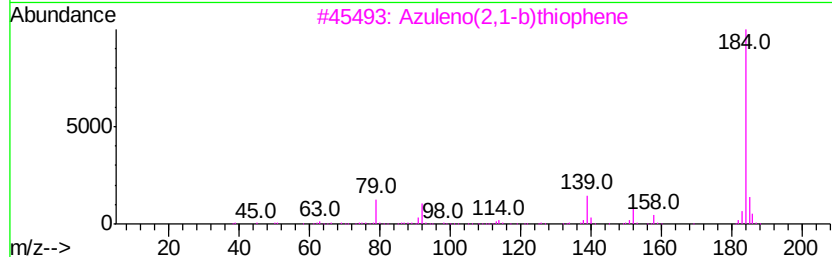
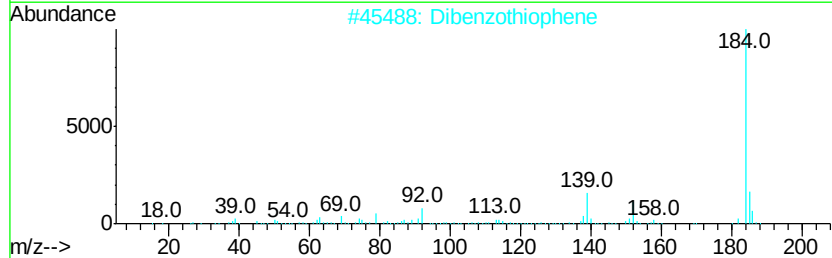
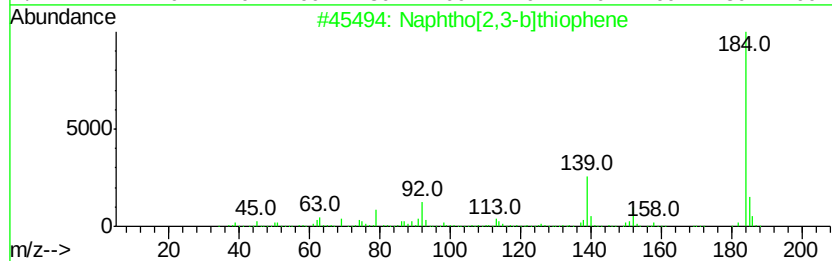
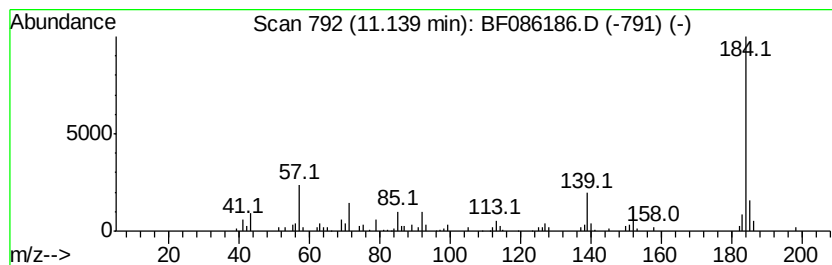
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[2,3-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.14	2.12 ng	95642	Phenanthrene-d10	11.24		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	93
4		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	64
5		2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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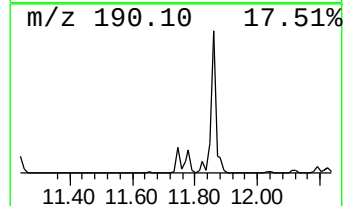
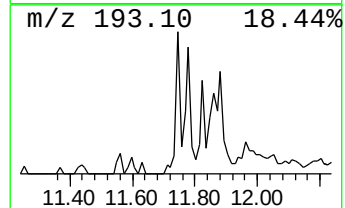
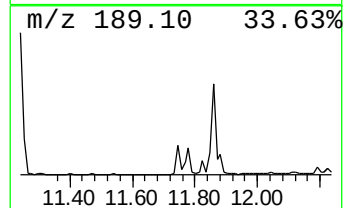
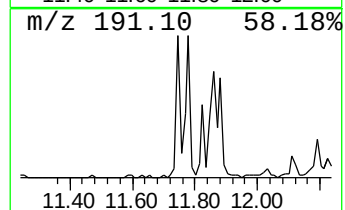
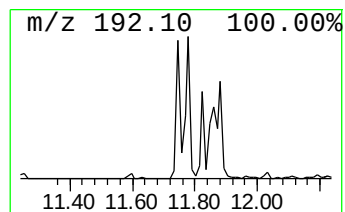
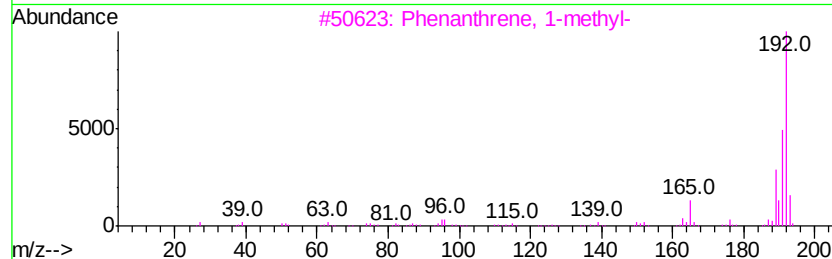
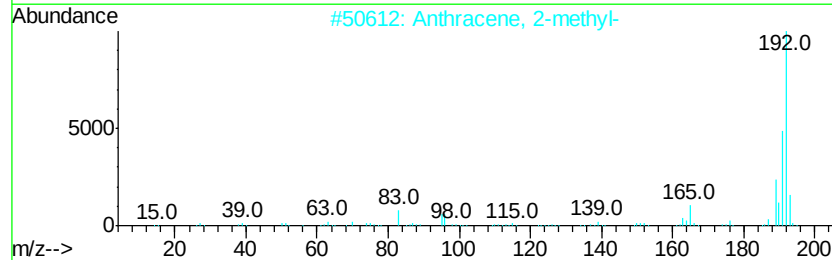
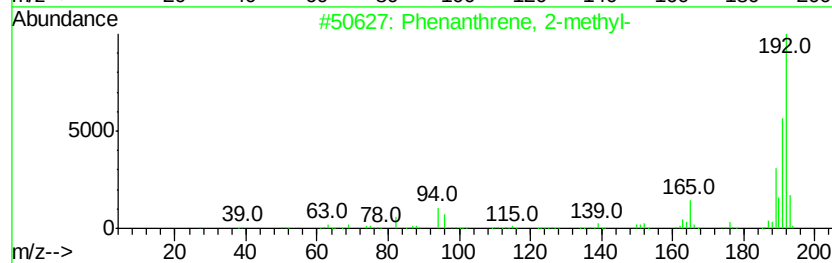
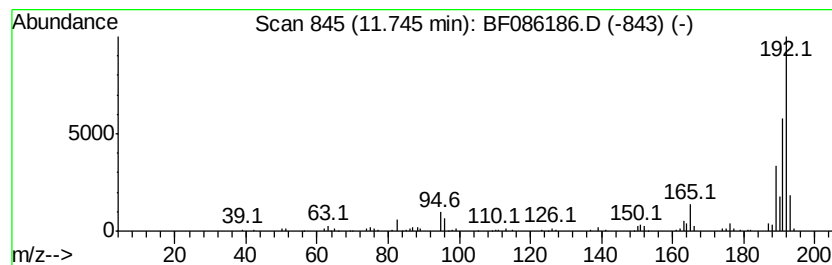
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	2.20 ng	99229	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
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Sample : H2283-02
Misc :
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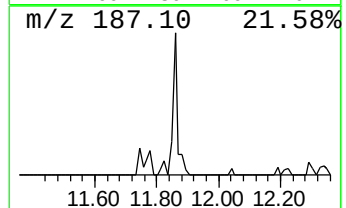
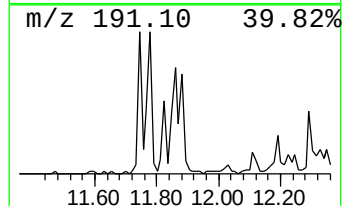
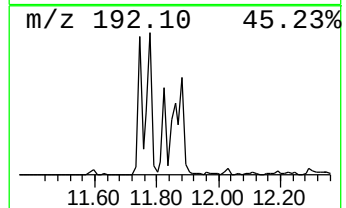
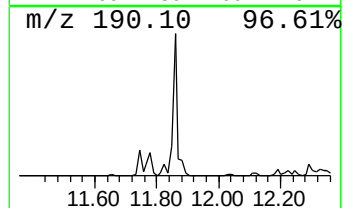
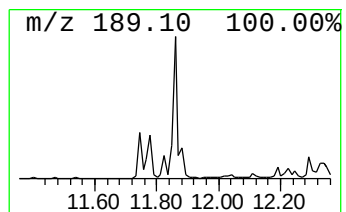
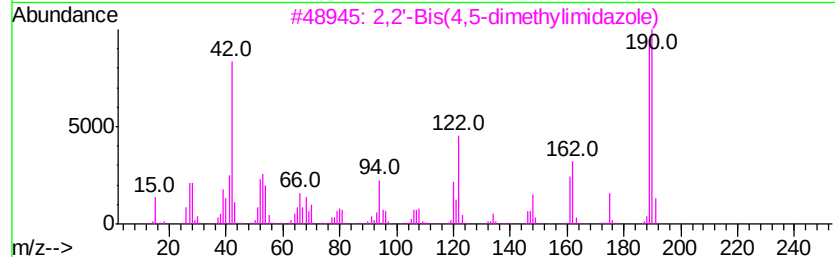
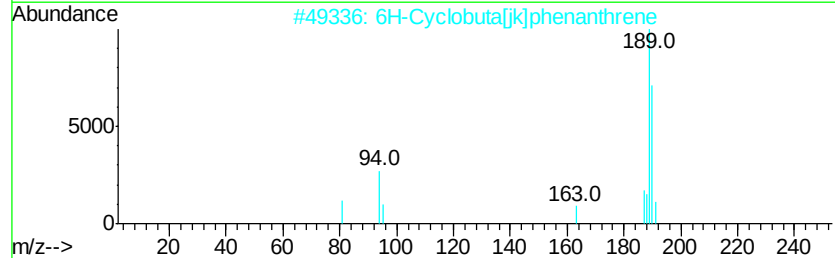
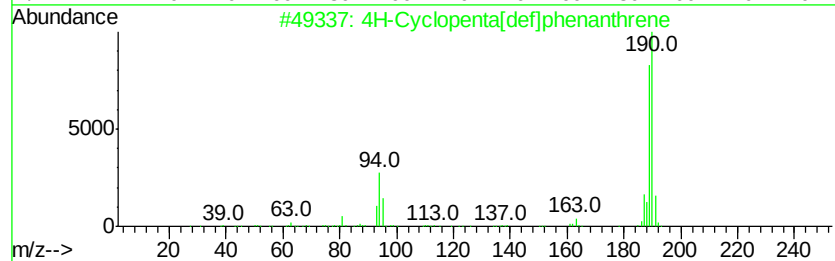
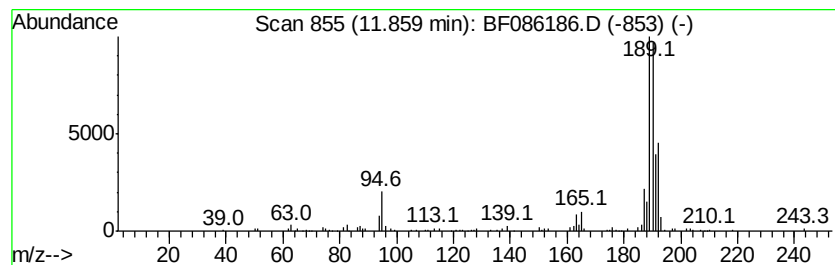
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	6.56 ng	295848	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	27
5	Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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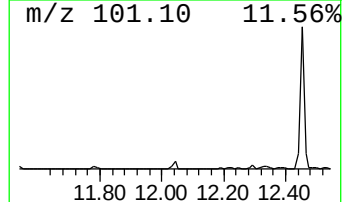
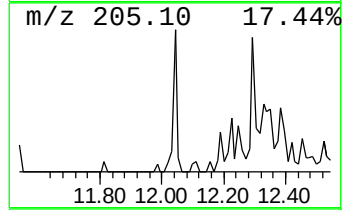
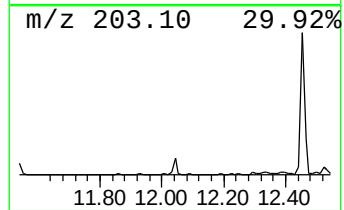
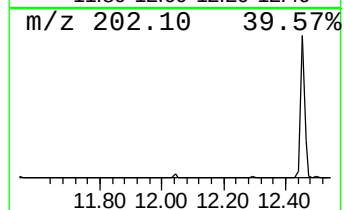
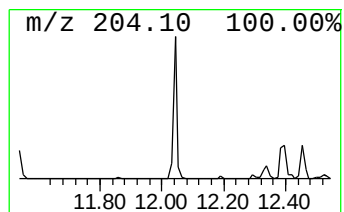
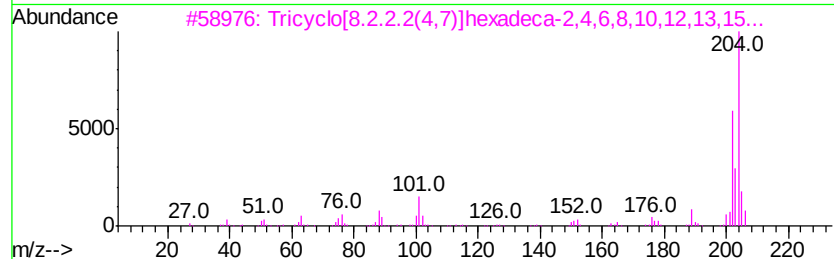
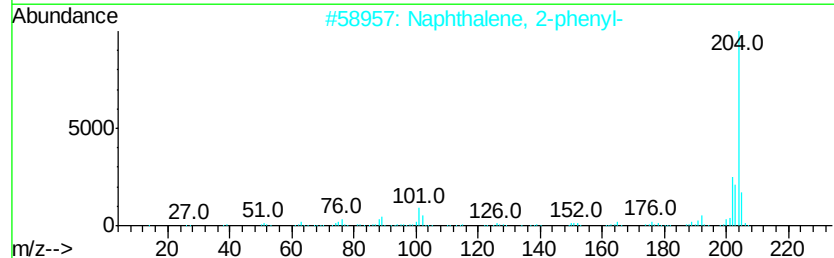
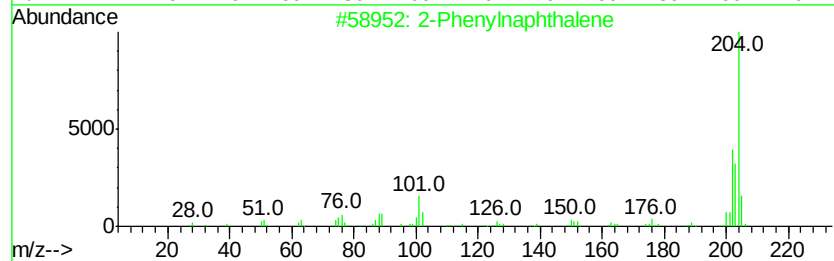
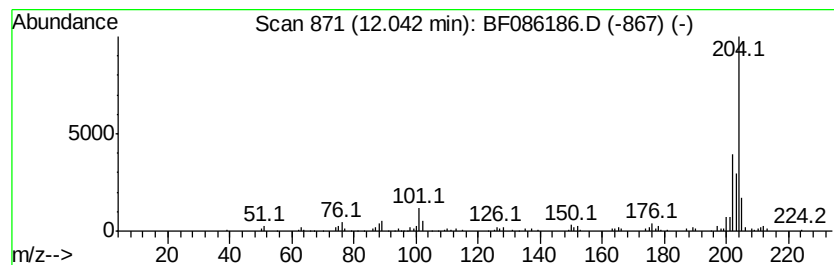
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 2-Phenylnaphthalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.89 ng	130344	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
4		5,16[1',2'1:8,13[1'',2''1-Dibenz...	408	C32H24	005672-97-9	72
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
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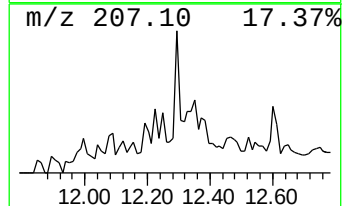
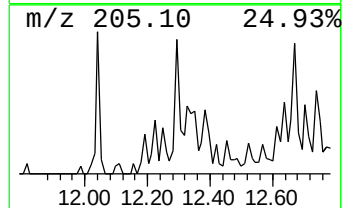
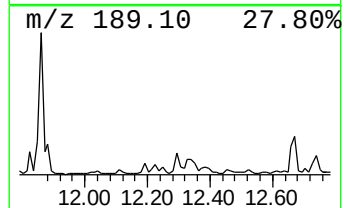
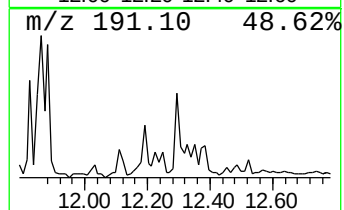
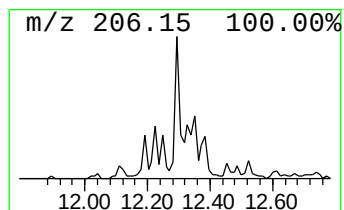
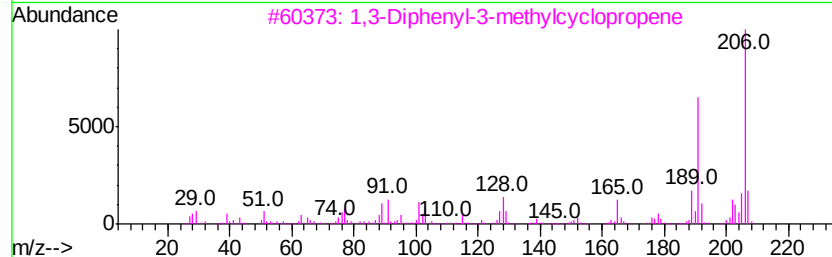
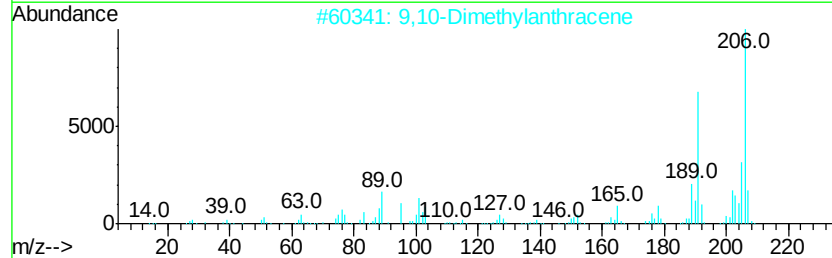
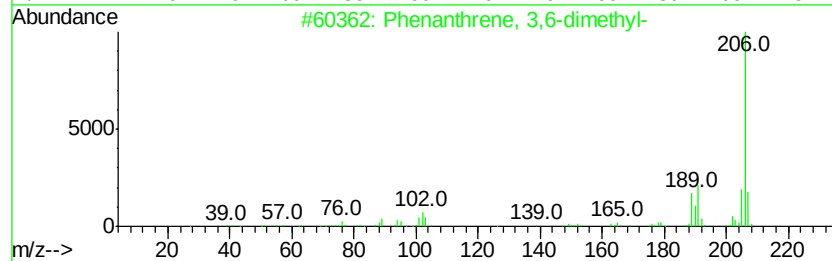
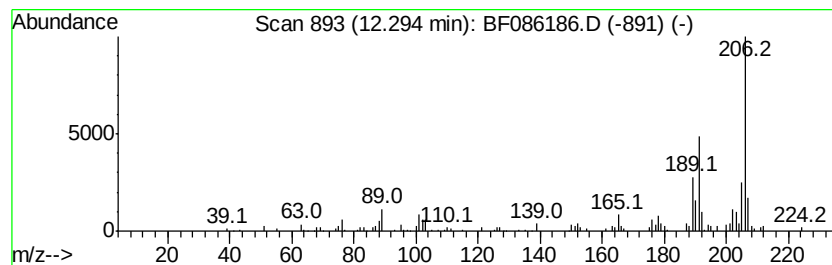
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	2.05 ng	92314	Phenanthrene-d10	11.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92



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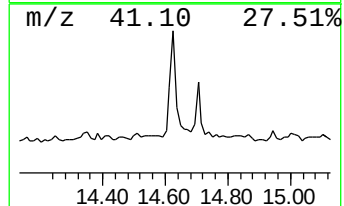
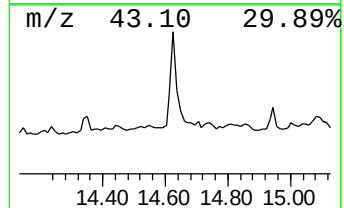
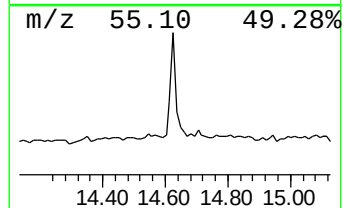
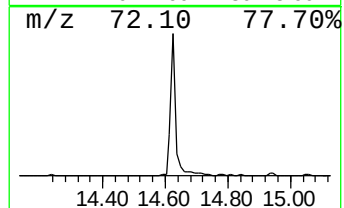
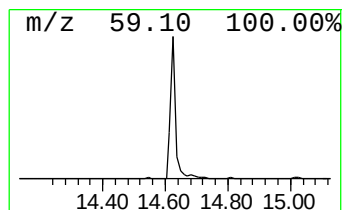
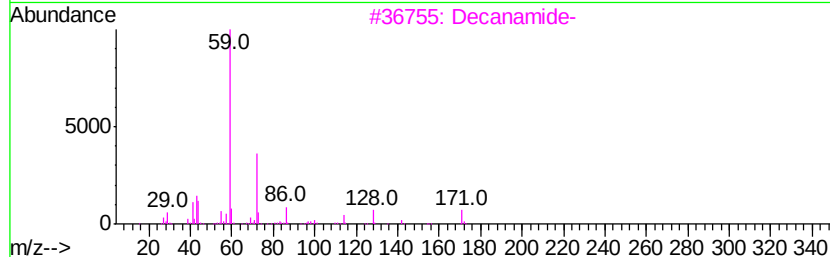
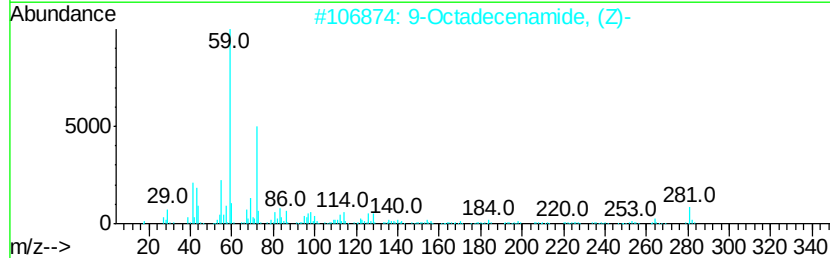
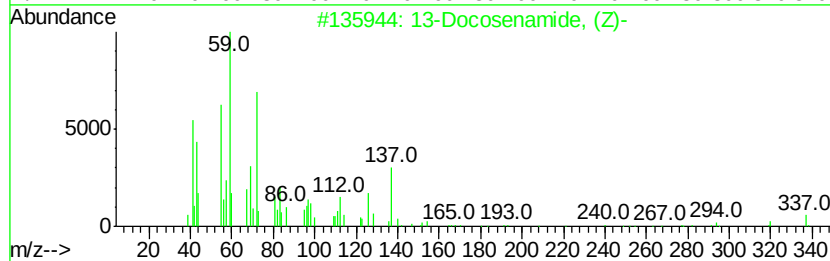
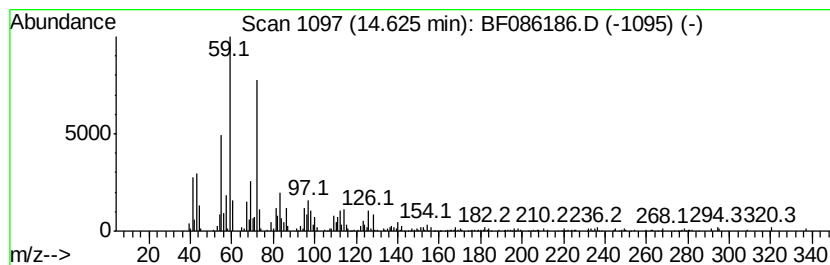
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	8.42 ng	299902	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		13-Docosenamide, (Z)-	337 C22H43NO	000112-84-5 72
2		9-Octadecenamide, (Z)-	281 C18H35NO	000301-02-0 58
3		Decanamide-	171 C10H21NO	002319-29-1 53
4		Benzeneethanamine, 2-fluoro-.bet...	229 C11H16FN03	061338-98-5 47
5		7-Nonenamide	155 C9H17NO	090949-53-4 47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
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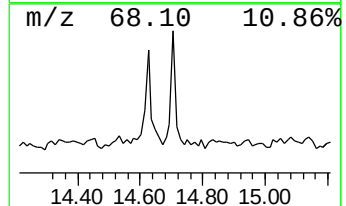
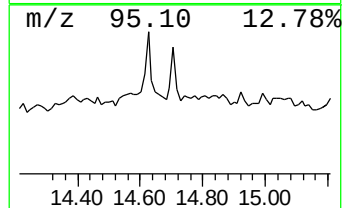
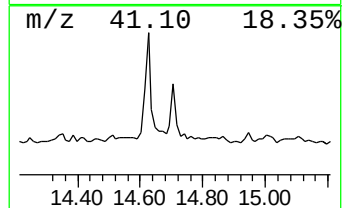
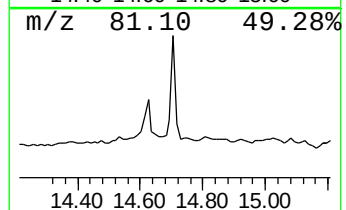
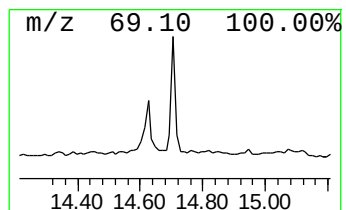
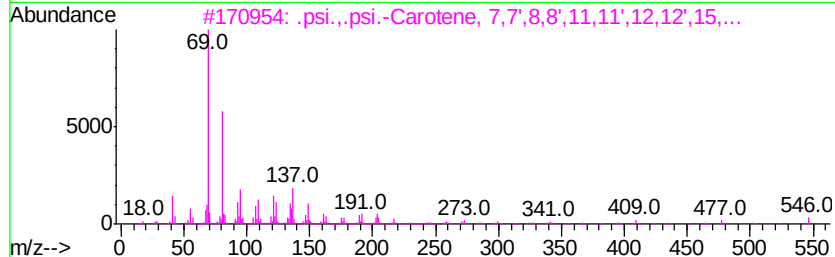
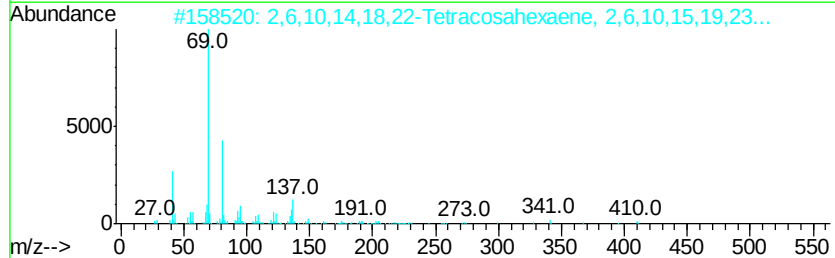
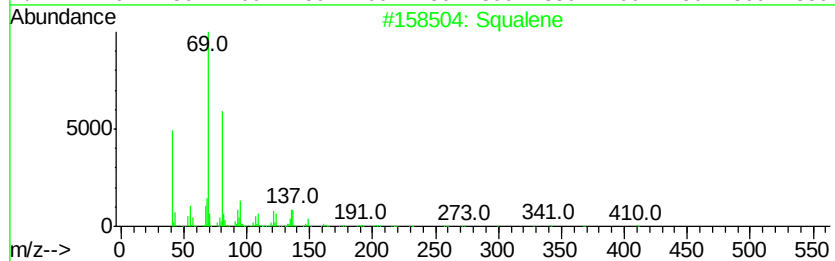
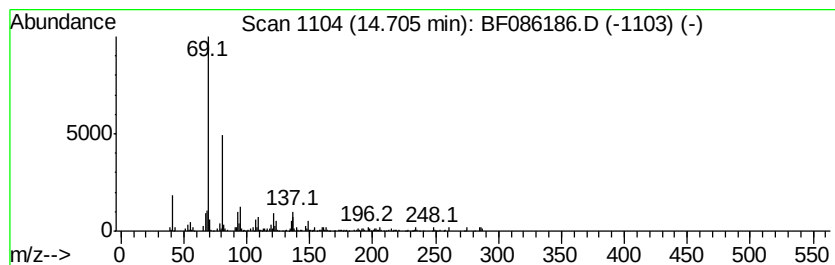
Instrument :
BNA_F
ClientSampleId :
B3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	2.20 ng	78325	Perylene-d12	15.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene	410 C30H50	007683-64-9	87
2	2,6,10,14,18,22-Tetracosahexaene...	410 C30H50	000111-02-4	80
3	.psi.,.psi.-Carotene, 7,7',8,8',...	547 C40H66	000502-62-5	72
4	1,5,9-Undecatriene, 2,6,10-trime...	192 C14H24	062951-96-6	72
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222 C15H26O	000106-28-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040816\
 Data File : BF086186.D
 Acq On : 8 Apr 2016 23:41
 Operator : UM/SJ
 Sample : H2283-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B3-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.91	13.5	ng	482975	1	6.73	713771	20.0
unknown6.50	6.50	87.3	ng	3116030	1	6.73	713771	20.0
Eicosane	10.19	2.1	ng	100208	3	9.77	941055	20.0
Tridecane	10.67	4.2	ng	188205	4	11.24	902132	20.0
Naphtho[2,3-b]thi...	11.14	2.1	ng	95642	4	11.24	902132	20.0
Phenanthrene, 2-m...	11.74	2.2	ng	99229	4	11.24	902132	20.0
4H-Cyclopenta[def...	11.86	6.6	ng	295848	4	11.24	902132	20.0
2-Phenylnaphthalene	12.04	2.9	ng	130344	4	11.24	902132	20.0
Phenanthrene, 3,6...	12.29	2.0	ng	92314	4	11.24	902132	20.0
13-Docosenamide, ...	14.63	8.4	ng	299902	6	15.28	712003	20.0
Squalene	14.71	2.2	ng	78325	6	15.28	712003	20.0