

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
 Data File : BF085865.D
 Acq On : 29 Mar 2016 22:54
 Operator : UM/SJ
 Sample : H1970-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

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-BF032416.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	4.996	235	237	245	rBV	32671	49253	1.97%	0.195%
2	5.407	270	273	275	rBV	1835749	2481899	99.07%	9.810%
3	6.447	361	364	366	rBV	2334965	2505139	100.00%	9.902%
4	6.573	373	375	377	rBV	2659169	2426469	96.86%	9.591%
5	6.802	393	395	398	rBV	750272	675869	26.98%	2.672%
6	6.962	407	409	411	rBV	2332477	2079197	83.00%	8.219%
7	7.373	442	445	447	rBV	1796225	1677390	66.96%	6.630%
8	7.476	451	454	461	rVB	20526	34064	1.36%	0.135%
9	8.093	505	508	510	rBV	988510	903926	36.08%	3.573%
10	9.168	599	602	605	rBV	2731657	2433705	97.15%	9.620%
11	9.568	635	637	639	rBV	433170	421698	16.83%	1.667%
12	9.773	653	655	657	rBV	68811	90028	3.59%	0.356%
13	9.842	659	661	664	rVB	935710	877365	35.02%	3.468%
14	10.013	672	676	677	rBV	19445	29800	1.19%	0.118%
15	10.276	697	699	701	rVB	156287	120977	4.83%	0.478%
16	10.493	715	718	722	rBV	45773	83633	3.34%	0.331%
17	10.631	728	730	733	rBV	1242817	1299476	51.87%	5.136%
18	10.745	739	740	745	rBV	107651	171938	6.86%	0.680%
19	11.202	778	780	781	rBV	40908	55263	2.21%	0.218%
20	11.328	789	791	793	rBV	926933	794142	31.70%	3.139%
21	11.408	795	798	800	rVB2	25438	37853	1.51%	0.150%
22	11.854	836	837	839	rBV	60262	81206	3.24%	0.321%
23	12.539	894	897	899	rBV	146611	144171	5.76%	0.570%
24	12.642	904	906	909	rBV2	49348	66282	2.65%	0.262%
25	12.768	912	917	918	rBV	134908	154900	6.18%	0.612%
26	12.917	927	930	932	rBV	1224278	1666067	66.51%	6.586%
27	13.088	942	945	947	rVB2	12009	28051	1.12%	0.111%
28	13.145	947	950	953	rBV2	29359	45030	1.80%	0.178%
29	13.488	977	980	981	rBV	30854	40490	1.62%	0.160%
30	13.602	989	990	992	rVB	33420	32663	1.30%	0.129%
31	13.717	997	1000	1001	rBV	31215	46767	1.87%	0.185%
32	13.762	1003	1004	1007	rVV2	32263	38647	1.54%	0.153%
33	13.808	1007	1008	1010	rBV	77048	93175	3.72%	0.368%
34	13.968	1018	1022	1026	rBV2	598958	1073071	42.83%	4.242%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.128	1034	1036	1038	rBV3	38845	48536	1.94%	0.192%
36	14.437	1061	1063	1065	rBV3	36443	46892	1.87%	0.185%
37	14.985	1108	1111	1115	rBV	254152	512048	20.44%	2.024%
38	15.043	1115	1116	1118	rVB2	42600	46960	1.87%	0.186%
39	15.077	1118	1119	1121	rBV	37460	58249	2.33%	0.230%
40	15.260	1133	1135	1138	rVB	146750	190440	7.60%	0.753%
41	15.328	1138	1141	1143	rVV	162675	245130	9.79%	0.969%
42	15.385	1143	1146	1154	rVB	468021	747767	29.85%	2.956%
43	16.025	1200	1202	1211	rVB4	48998	139983	5.59%	0.553%
44	16.426	1235	1237	1247	rVB5	42684	131580	5.25%	0.520%
45	16.757	1263	1266	1270	rBV	101889	218558	8.72%	0.864%
46	17.180	1299	1303	1307	rBV	68934	153207	6.12%	0.606%

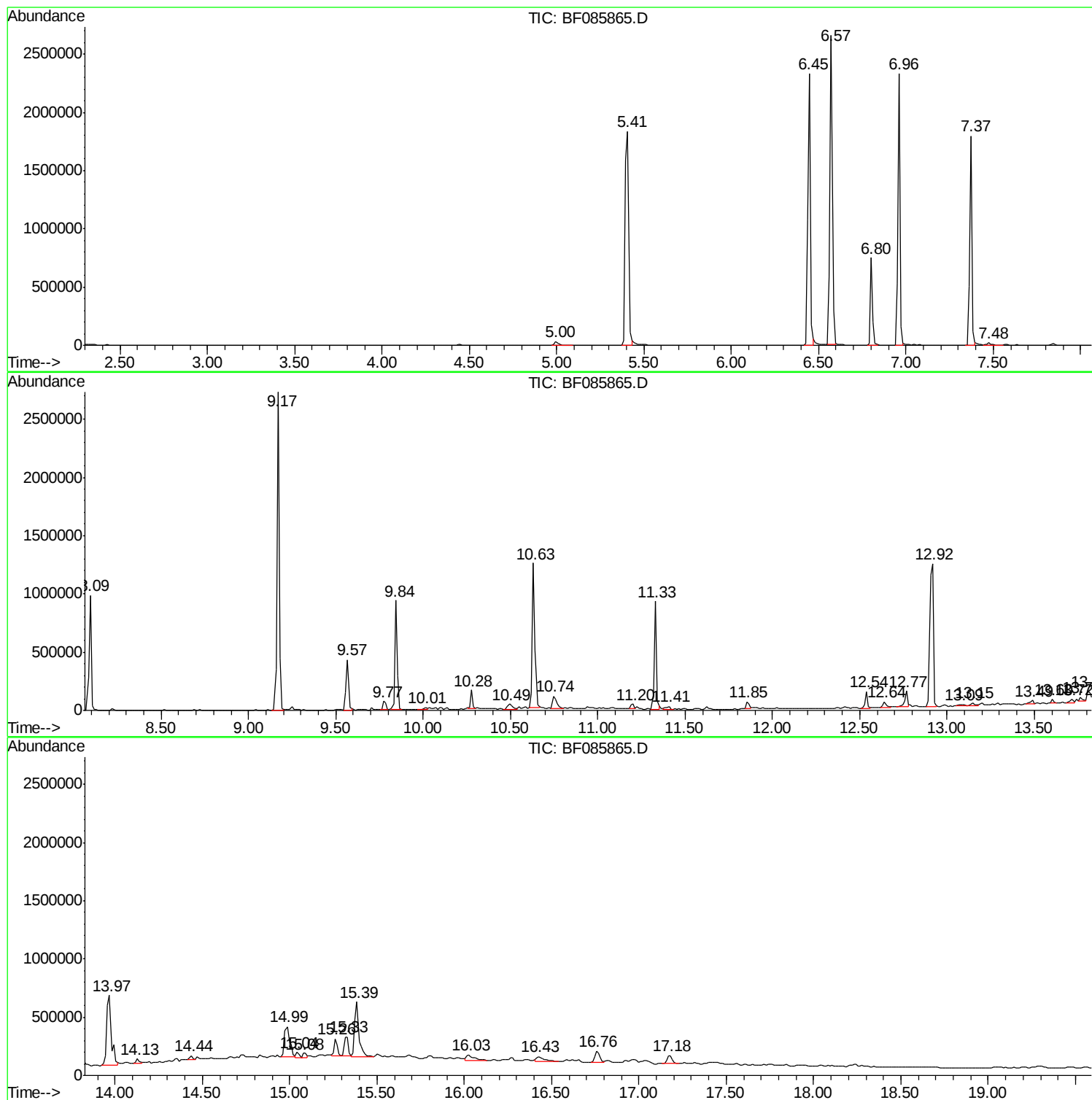
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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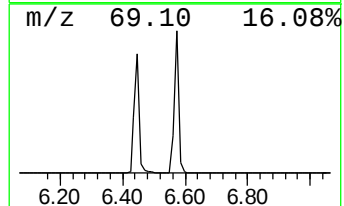
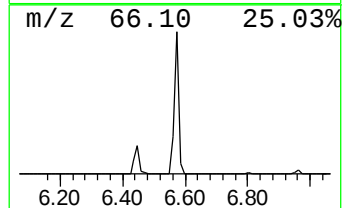
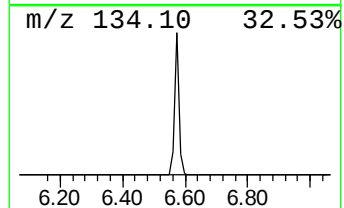
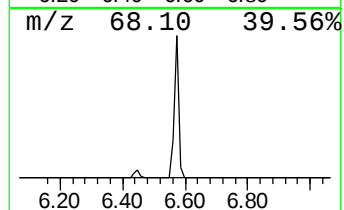
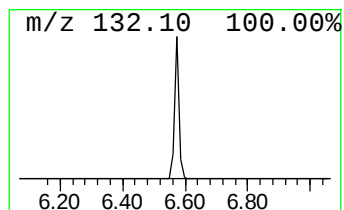
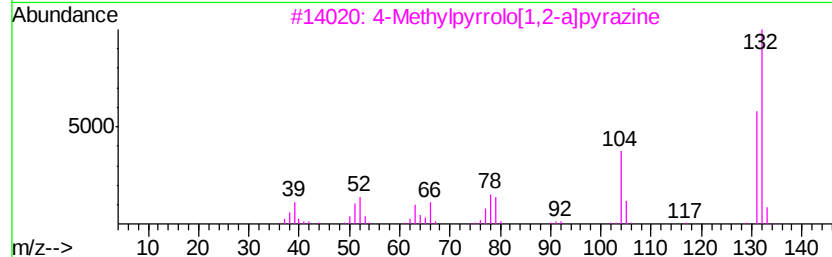
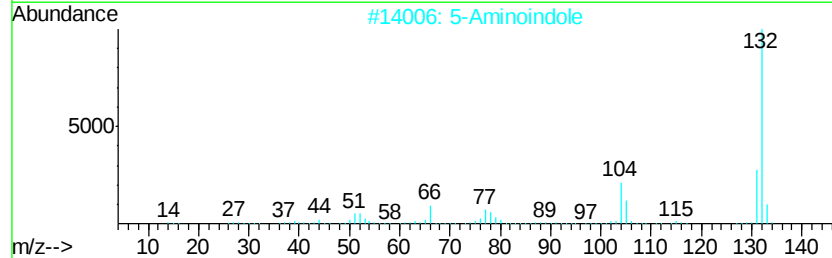
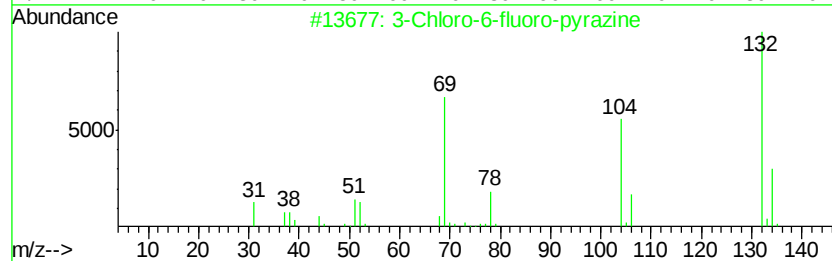
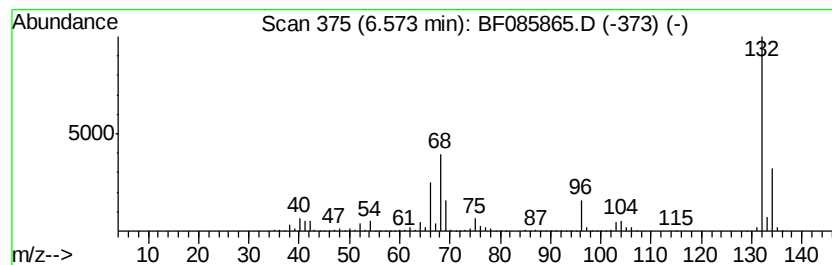
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	71.80 ng	2426470	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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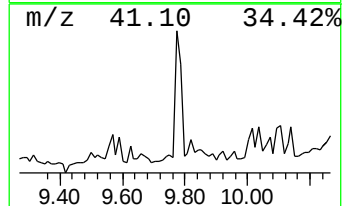
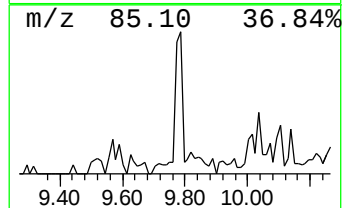
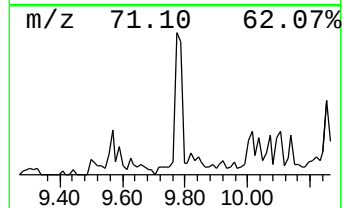
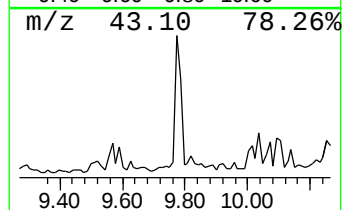
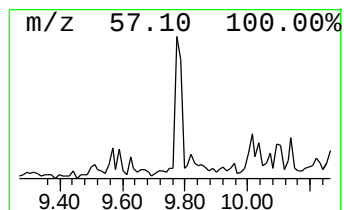
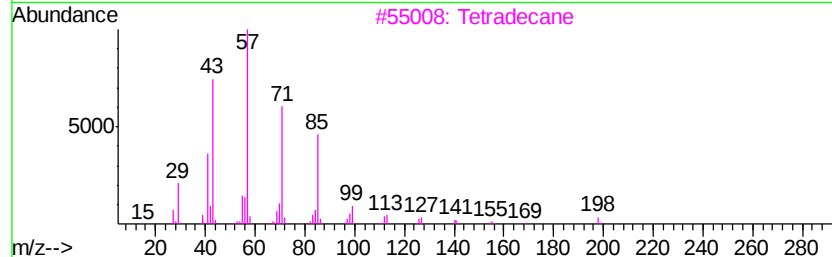
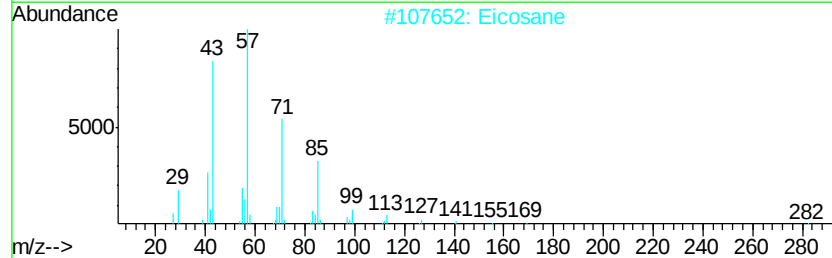
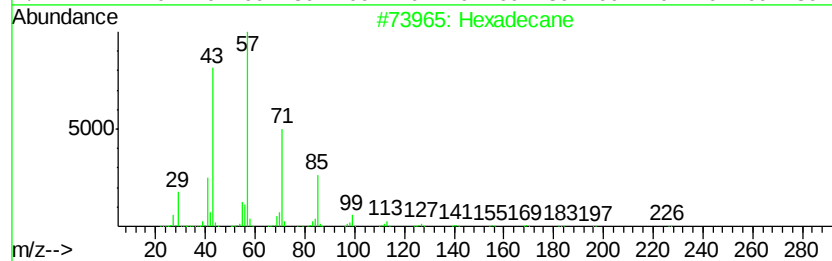
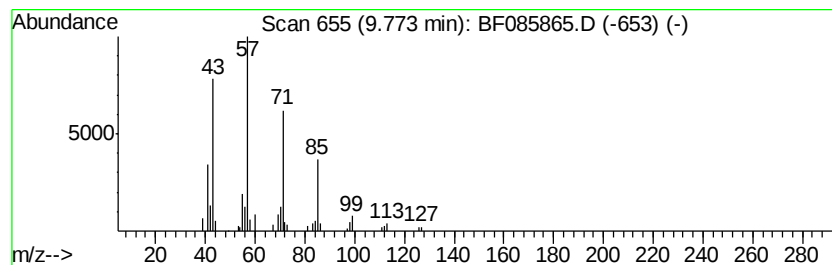
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Peak Number 3 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	2.05 ng	90028	Acenaphthene-d10	9.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Eicosane		282	C20H42	000112-95-8	90
3	Tetradecane		198	C14H30	000629-59-4	86
4	Pentadecane		212	C15H32	000629-62-9	83
5	Tridecane, 6-methyl-		198	C14H30	013287-21-3	78



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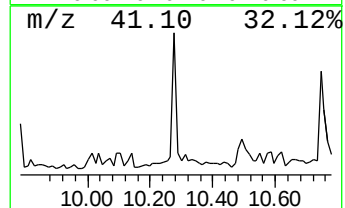
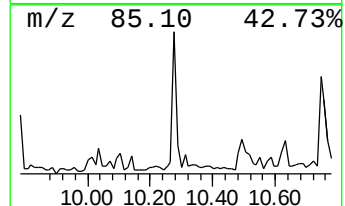
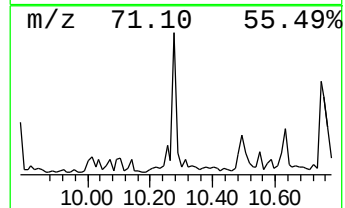
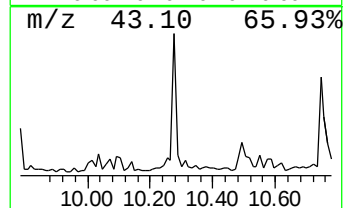
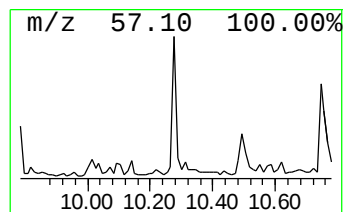
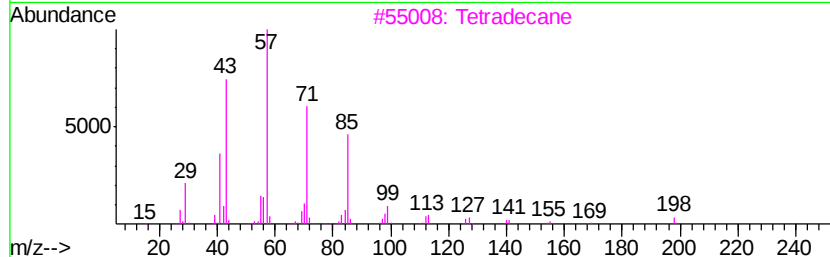
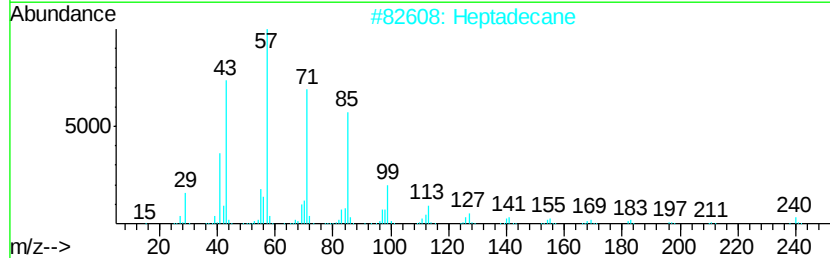
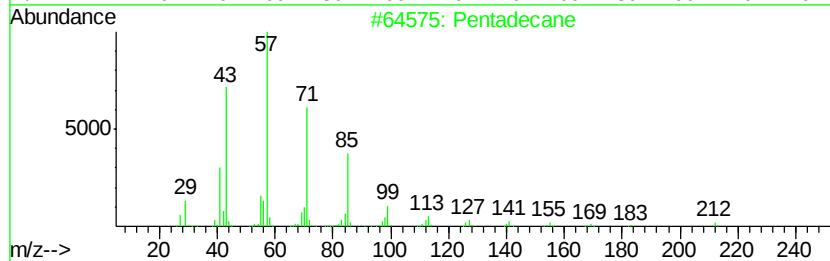
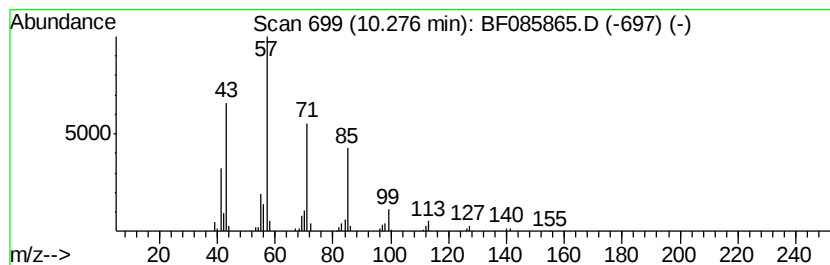
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	2.76 ng	120977	Acenaphthene-d10	9.84
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Heptadecane	240 C17H36	000629-78-7	90
3	Tetradecane	198 C14H30	000629-59-4	86
4	Hexadecane	226 C16H34	000544-76-3	86
5	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	83



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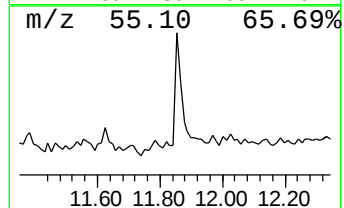
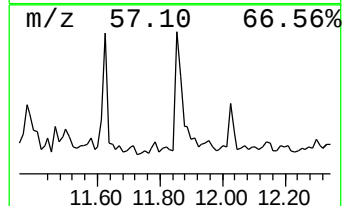
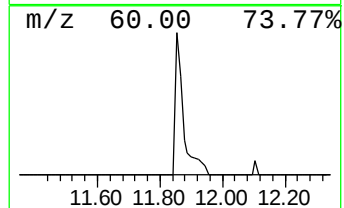
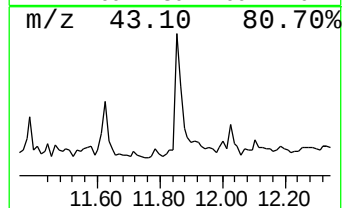
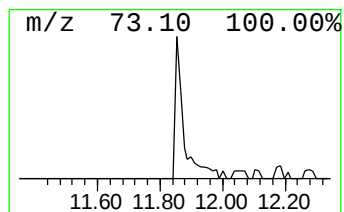
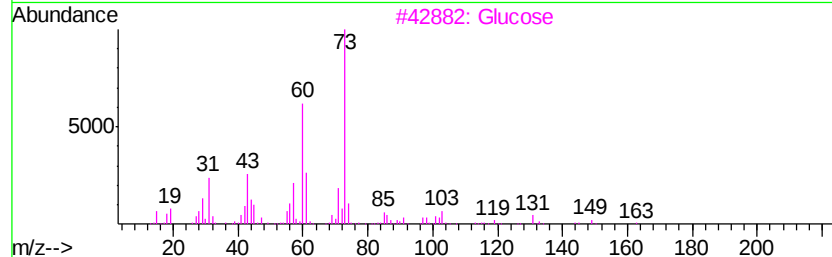
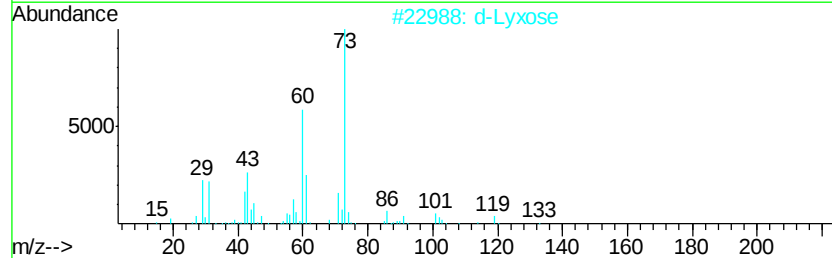
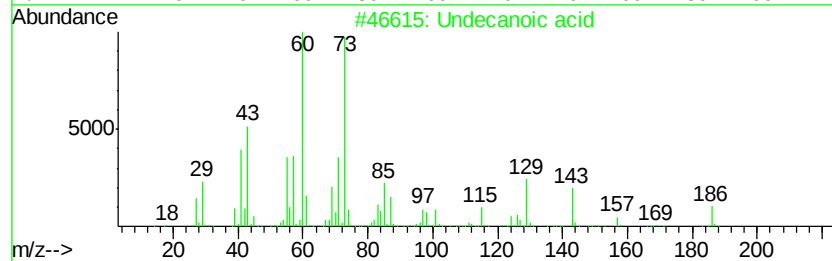
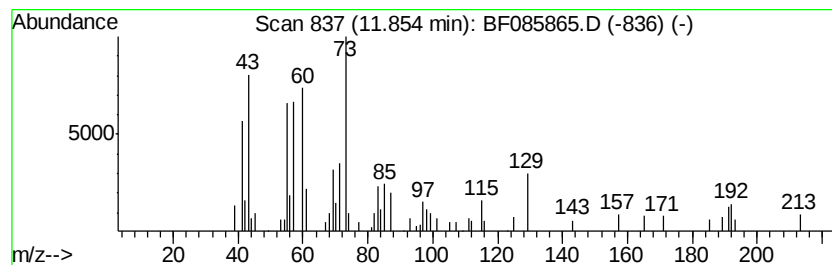
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown11.85 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	2.05 ng	81206	Phenanthrene-d10	11.33

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecanoic acid	186	C11H22O2	000112-37-8	45
2		d-Lyxose	150	C5H10O5	001114-34-7	43
3		Glucose	180	C6H12O6	000050-99-7	43
4		Dodecanoic acid	200	C12H24O2	000143-07-7	42
5		.alpha.-d-6,3-Furanose, methyl-....	192	C7H12O6	1000149-62-6	42



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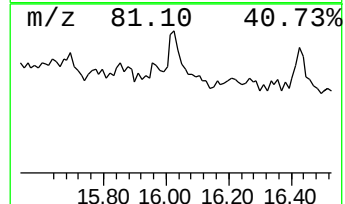
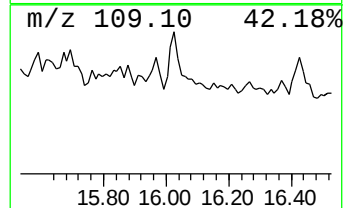
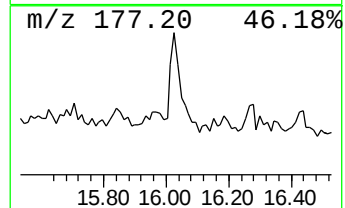
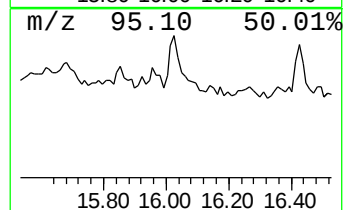
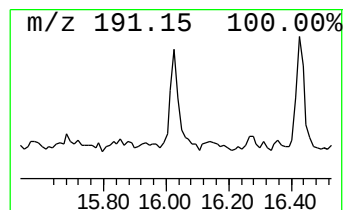
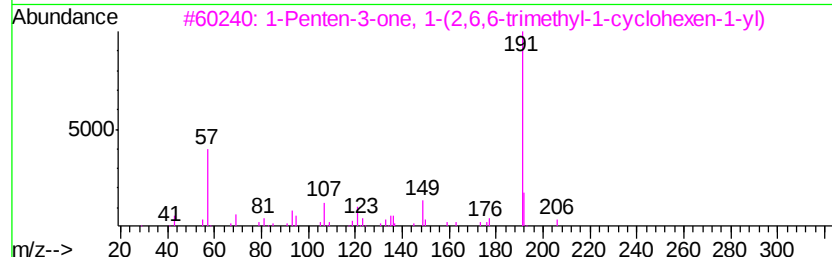
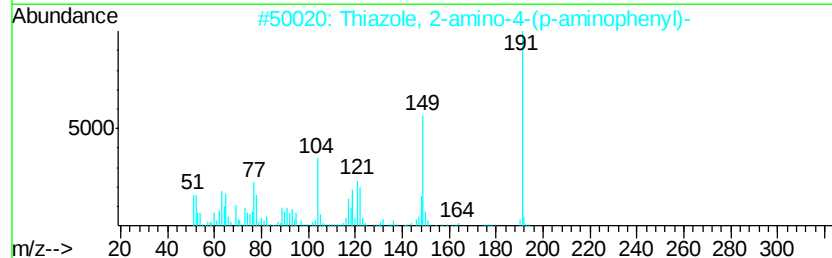
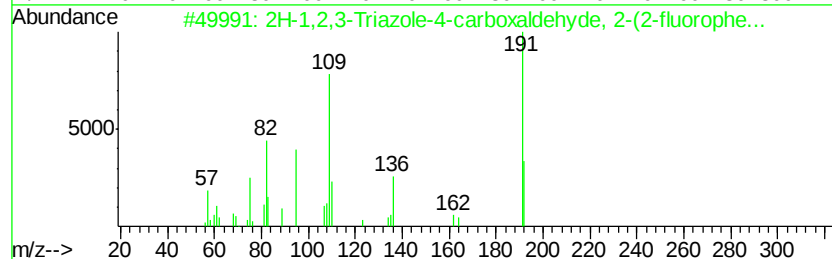
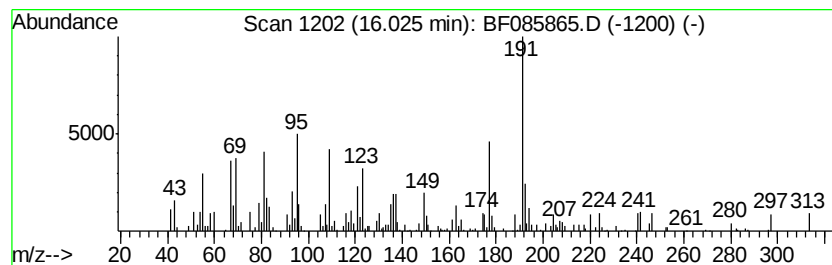
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown16.03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.74 ng	139983	Perylene-d12	15.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	43
2		Thiazole, 2-amino-4-(p-aminophen...	191	C9H9N3S	003673-53-8	25
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	25
4		2-Fluoro-5-(trifluoromethyl)prop...	220	C10H8F4O	207974-18-3	18
5		N-Methyl-9-phenanthrenemethanamine	221	C16H15N	076532-36-0	16



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085865.D
Acq On : 29 Mar 2016 22:54
Operator : UM/SJ
Sample : H1970-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

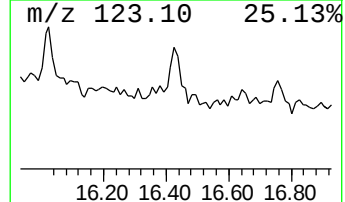
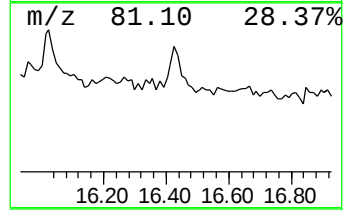
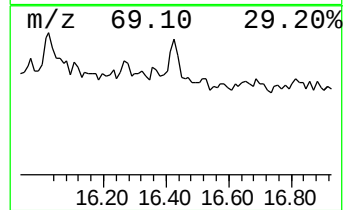
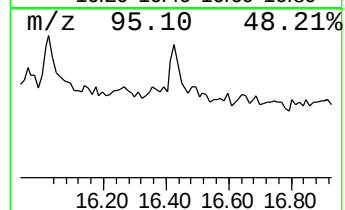
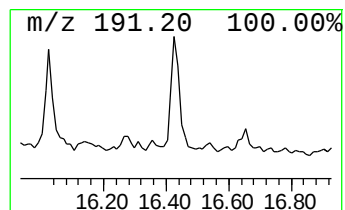
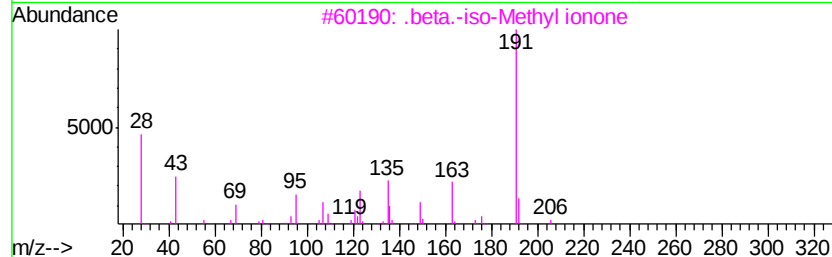
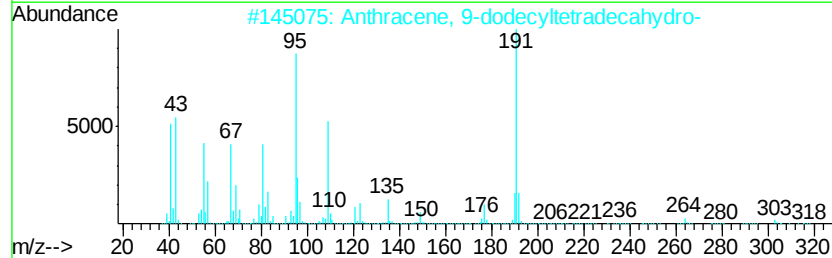
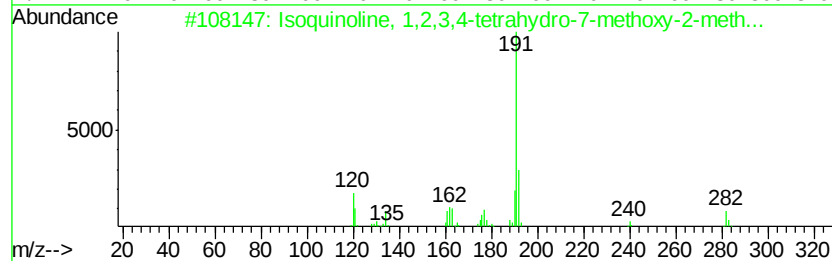
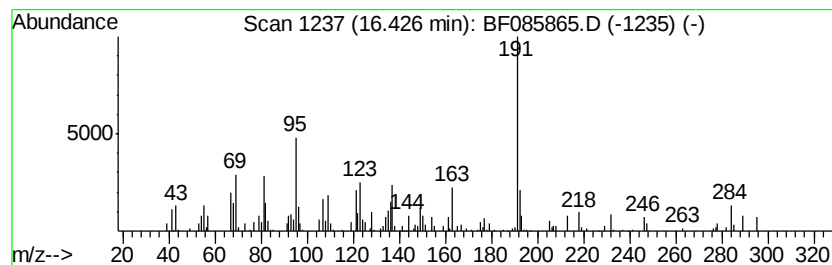
Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown16.43 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.43	3.52 ng	131580	Perylene-d12	15.39	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinoline, 1,2,3,4-tetrahydro...	283	C18H21N02	036646-87-4	43
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	40
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	38
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	37
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032916\
Data File : BF085865.D
Acq On : 29 Mar 2016 22:54
Operator : UM/SJ
Sample : H1970-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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
unknown6.57	6.57	71.8	ng	2426470	1	6.80	675869	20.0
Hexadecane	9.77	2.0	ng	90028	3	9.84	877365	20.0
Pentadecane	10.28	2.8	ng	120977	3	9.84	877365	20.0
unknown11.85	11.85	2.0	ng	81206	4	11.33	794142	20.0
unknown16.03	16.03	3.7	ng	139983	6	15.39	747767	20.0
unknown16.43	16.43	3.5	ng	131580	6	15.39	747767	20.0