

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086076.D
 Acq On : 5 Apr 2016 10:39
 Operator : UM/SJ
 Sample : H2142-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 225-4TH-AVE-DISCHARGE

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	5.356	284	286	298	rBV	954501	1033961	37.24%	5.518%
2	5.573	303	305	310	rVB	22506	30398	1.09%	0.162%
3	6.407	376	378	386	rBV	548336	711642	25.63%	3.798%
4	6.533	386	389	391	rBV	1812344	1967073	70.86%	10.499%
5	6.762	407	409	411	rBV	677898	605706	21.82%	3.233%
6	6.922	420	423	425	rBV	1377909	1855337	66.83%	9.902%
7	7.333	456	459	461	rBV	1530890	1545967	55.69%	8.251%
8	7.733	491	494	497	rBV	29512	52857	1.90%	0.282%
9	7.859	502	505	509	rVV	26856	34091	1.23%	0.182%
10	8.042	519	521	524	rBV	652342	742996	26.76%	3.966%
11	8.122	526	528	532	rVB	109644	103840	3.74%	0.554%
12	8.408	551	553	559	rBV2	94830	132711	4.78%	0.708%
13	8.522	559	563	564	rVV3	13354	29153	1.05%	0.156%
14	8.568	564	567	571	rVV	27326	45886	1.65%	0.245%
15	8.648	572	574	578	rVB	28304	30099	1.08%	0.161%
16	8.819	587	589	591	rBV	71153	69025	2.49%	0.368%
17	8.853	591	592	596	rVB2	37388	51617	1.86%	0.275%
18	9.128	613	616	618	rVB	2453500	2776164	100.00%	14.817%
19	9.459	642	645	649	rBV	34436	56019	2.02%	0.299%
20	9.573	652	655	658	rVV2	18474	38634	1.39%	0.206%
21	9.802	672	675	676	rBV	633648	724168	26.09%	3.865%
22	9.825	676	677	680	rVB	140761	146376	5.27%	0.781%
23	9.951	686	688	691	rBV2	12543	31030	1.12%	0.166%
24	10.008	691	693	694	rBV	56057	58341	2.10%	0.311%
25	10.225	705	712	714	rBV3	13447	31982	1.15%	0.171%
26	10.351	721	723	725	rBV	73508	95727	3.45%	0.511%
27	10.499	733	736	738	rVB4	16003	31536	1.14%	0.168%
28	10.591	741	744	746	rBV	1228003	1334788	48.08%	7.124%
29	10.716	752	755	759	rVB2	19136	39256	1.41%	0.210%
30	10.888	767	770	773	rVB2	20907	39425	1.42%	0.210%
31	11.174	794	795	799	rVB	32010	31110	1.12%	0.166%
32	11.276	802	804	808	rVV	619091	659563	23.76%	3.520%
33	11.345	808	810	813	rVV3	38371	83366	3.00%	0.445%
34	11.391	813	814	817	rVB	33904	40567	1.46%	0.217%

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Integration Parameters: rteint.p
Integrator: RTE
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Sampling : 1 Min Area: 3 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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35	11.516	822	825	828	rBV2	179080	202636	7.30%	1.082%
36	11.585	829	831	833	rBV2	33957	40758	1.47%	0.218%
37	11.619	833	834	836	rVV	37804	41484	1.49%	0.221%
38	11.665	836	838	842	rVB	19327	31212	1.12%	0.167%
39	11.814	850	851	852	rBV	31946	28132	1.01%	0.150%
40	11.962	863	864	868	rBV2	21731	44352	1.60%	0.237%
41	12.488	908	910	913	rBV	38245	43080	1.55%	0.230%
42	12.717	928	930	932	rBV	39756	41934	1.51%	0.224%
43	12.865	940	943	945	rBV	2145367	2024685	72.93%	10.806%
44	13.917	1032	1035	1037	rBV	609877	555866	20.02%	2.967%
45	15.323	1155	1158	1161	rBV	327273	421756	15.19%	2.251%

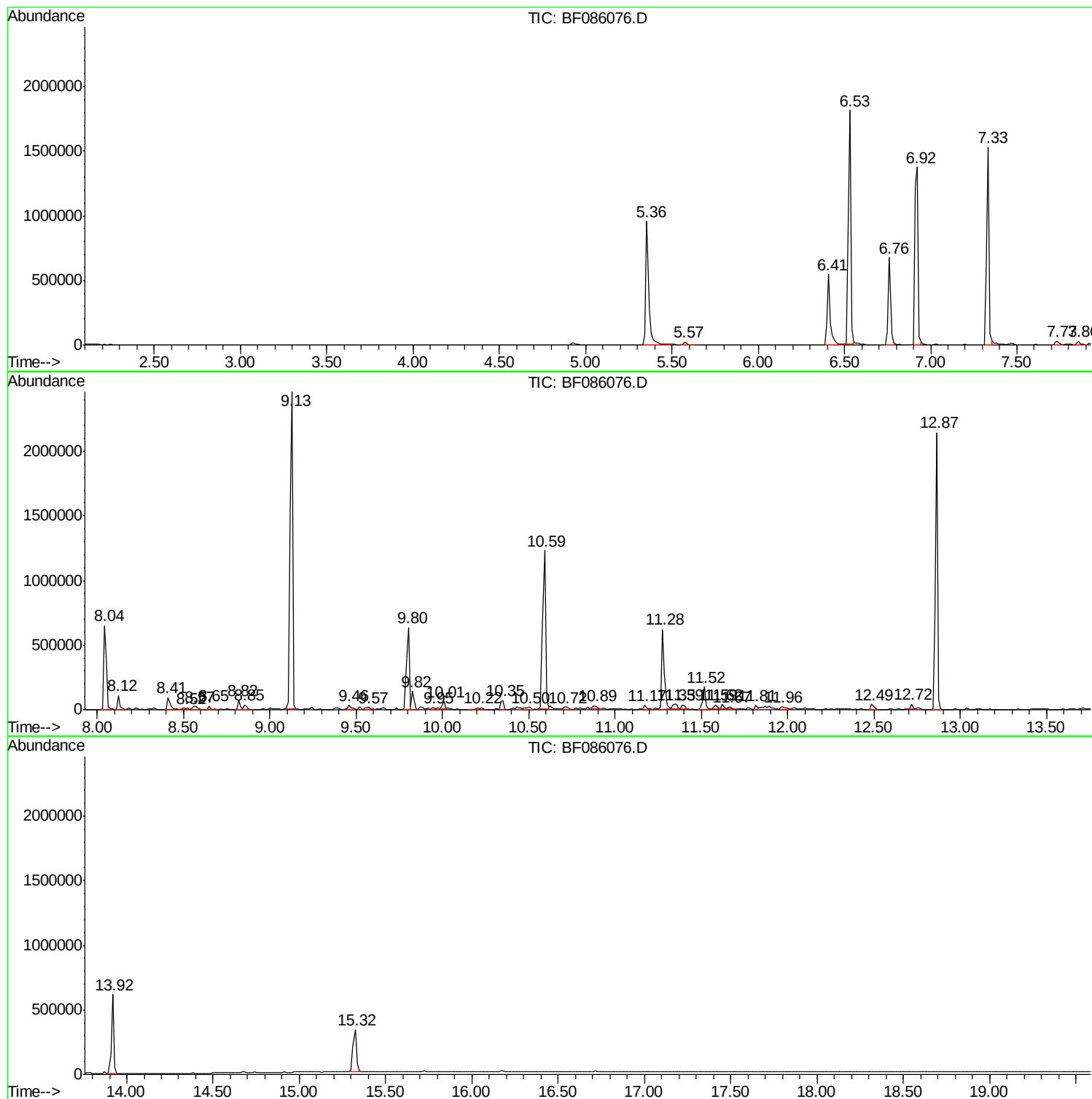
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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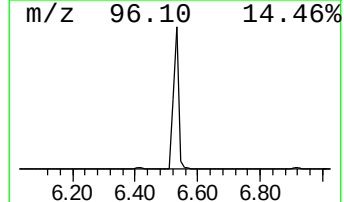
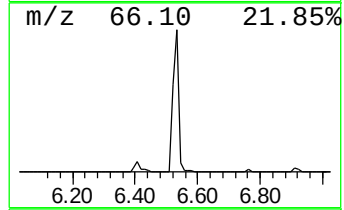
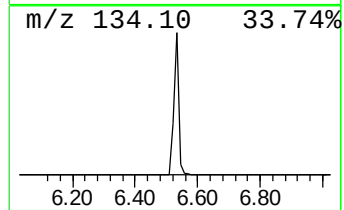
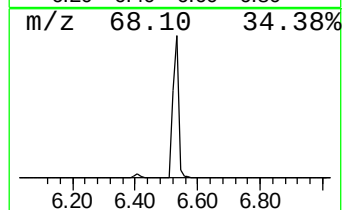
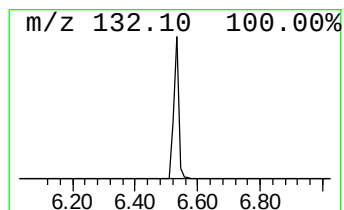
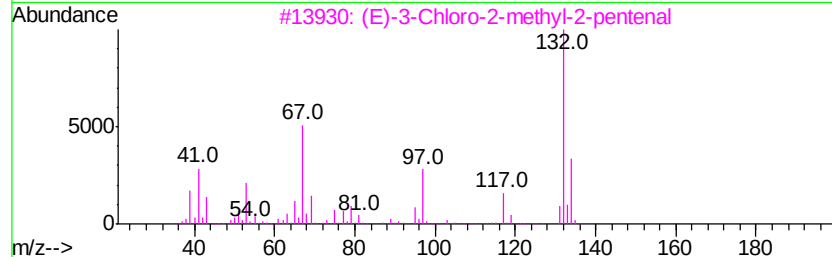
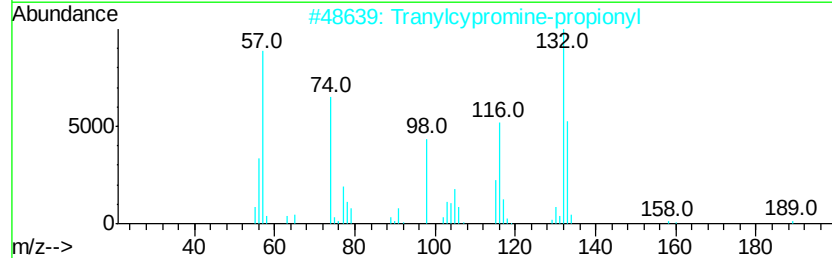
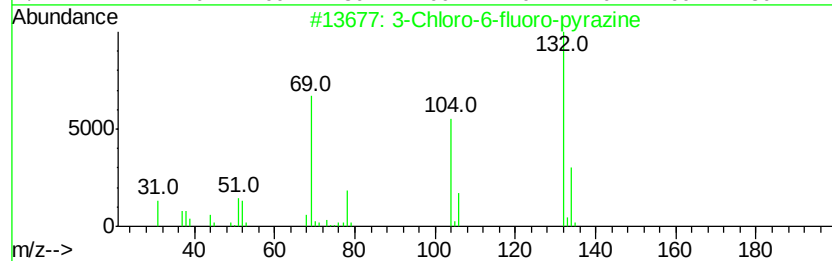
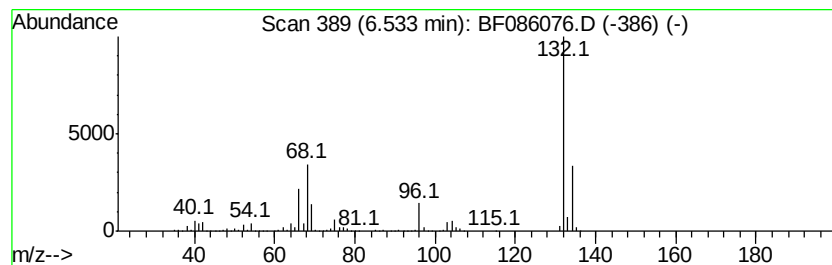
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	64.95 ng	1967070	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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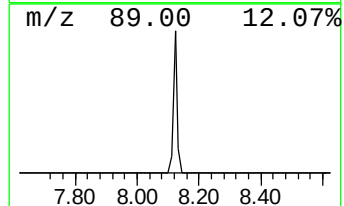
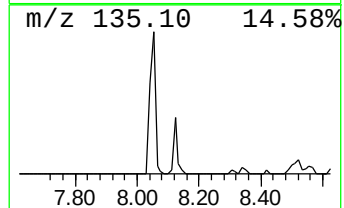
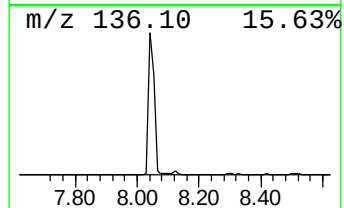
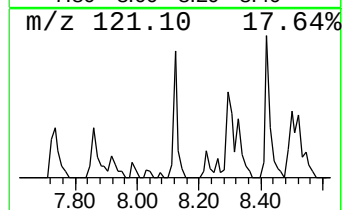
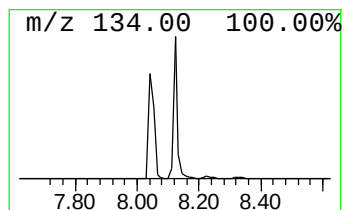
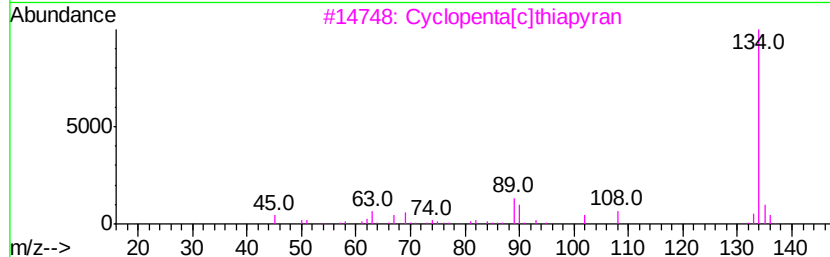
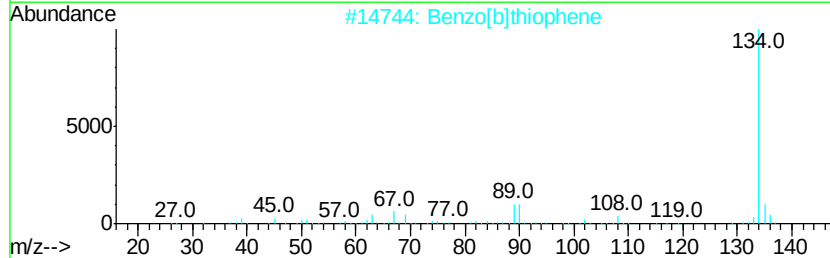
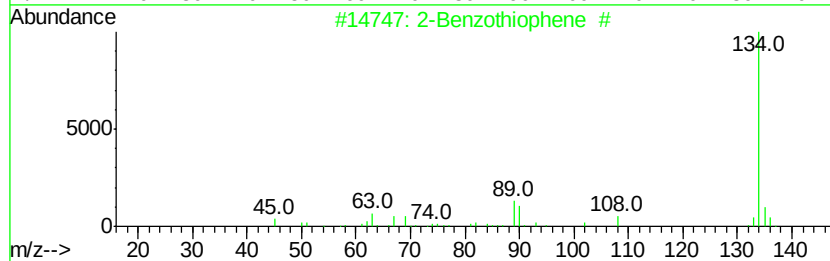
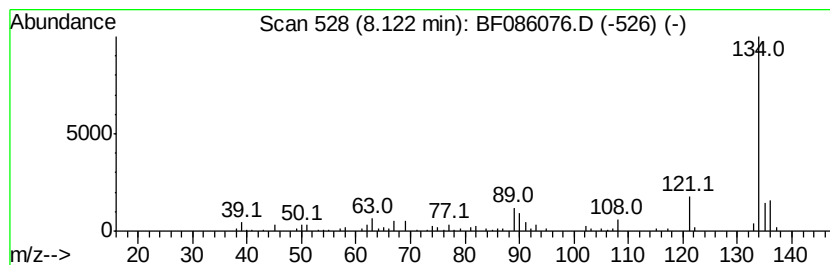
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Peak Number 3 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	2.80 ng	103840	Napthalene-d8	8.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Benzothiophene #	134	C8H6S	000270-82-6	93
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	87
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	74
4		Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3O3S2	351062-07-2	64
5		[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	56



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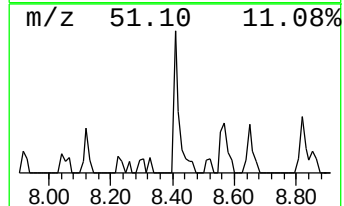
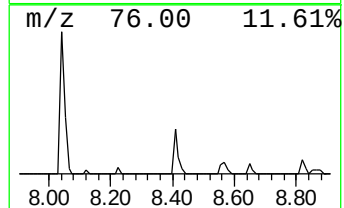
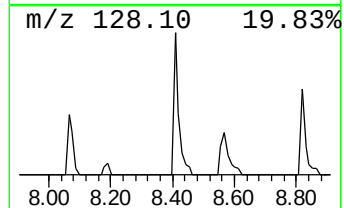
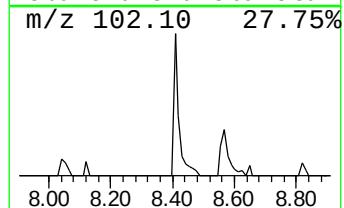
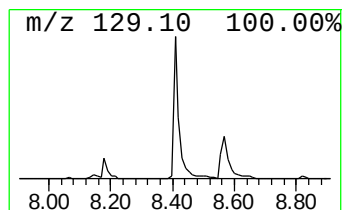
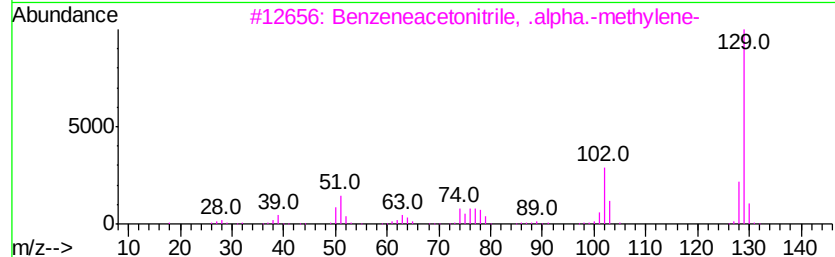
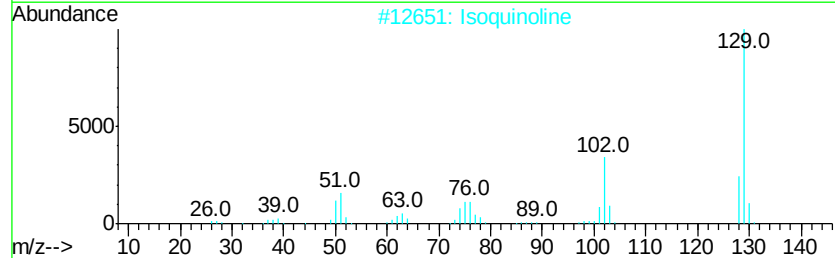
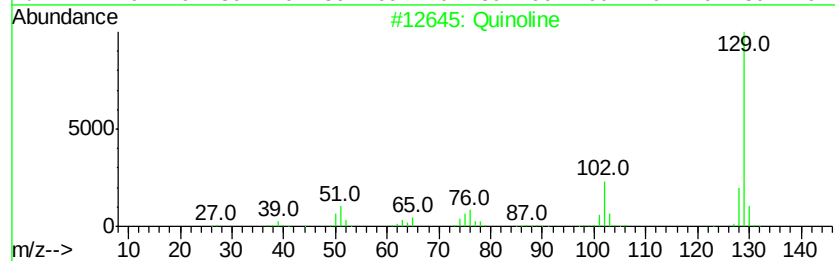
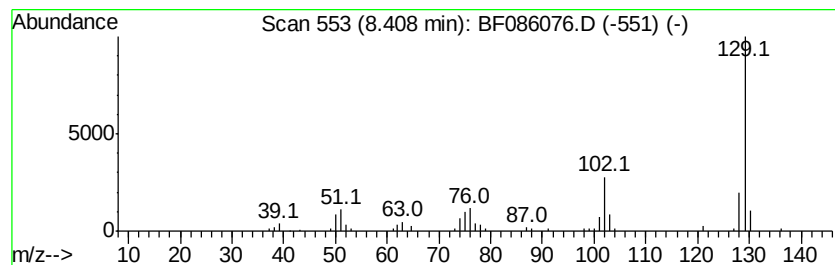
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Quinoline Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.41	3.57 ng	132711	Naphthalene-d8	8.04	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	97
2	Isoquinoline	129	C9H7N	000119-65-3	96
3	Benzeneacetonitrile, .alpha.-met...	129	C9H7N	000495-10-3	91
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	90
5	2,4-Dicyanopyridine	129	C7H3N3	029181-50-8	87



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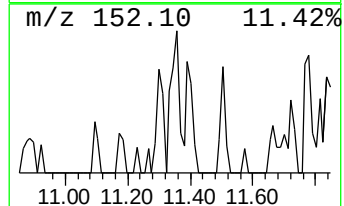
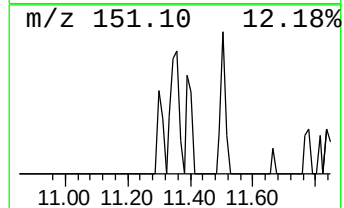
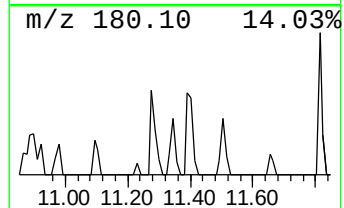
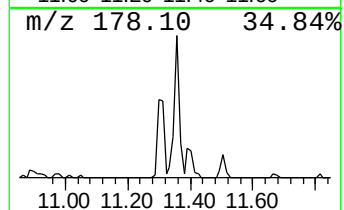
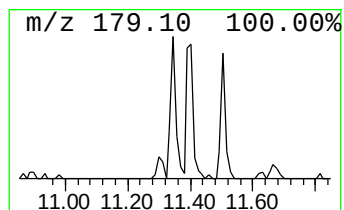
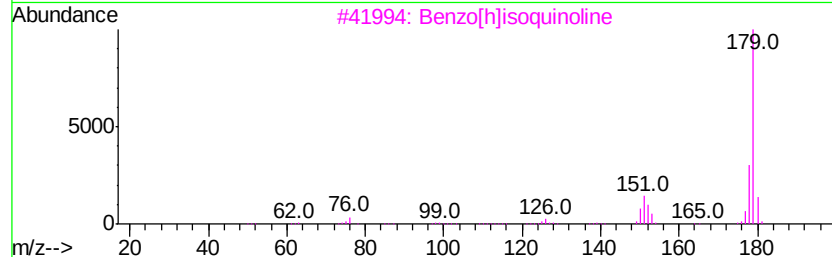
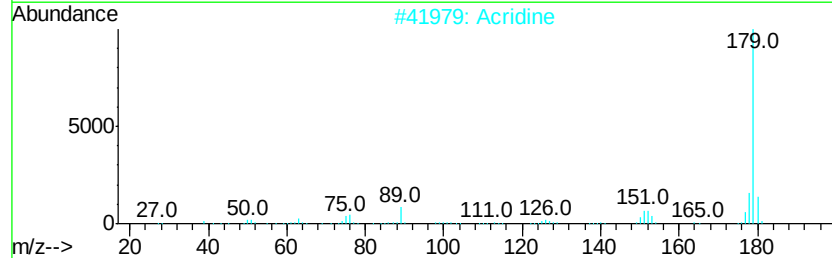
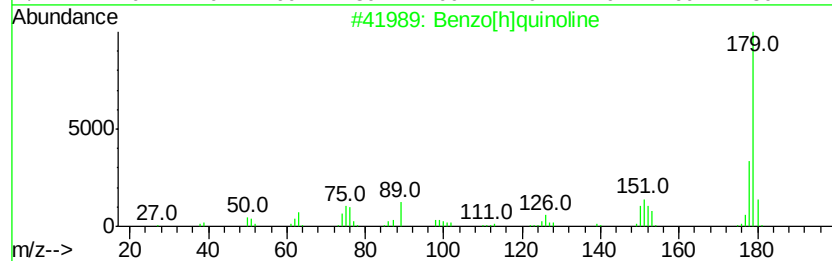
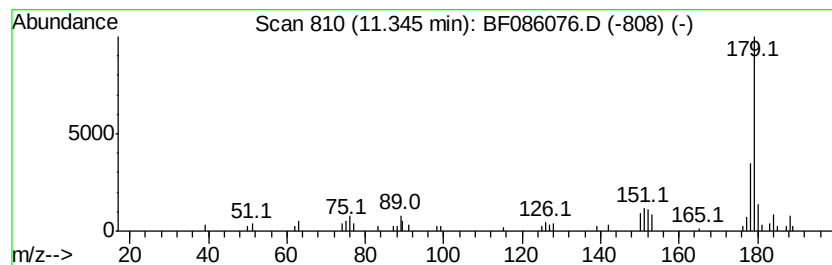
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Peak Number 5 Benzo[h]quinoline Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.35	2.53 ng	83366	Phenanthrene-d10		11.28
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[h]quinoline	179	C13H9N	000230-27-3	95
2	Acridine	179	C13H9N	000260-94-6	93
3	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	87
4	Benzo[f]quinoline	179	C13H9N	000085-02-9	83
5	Benzo[f]isoquinoline	179	C13H9N	000229-67-4	83



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.53	6.53	65.0	ng	1967070	1	6.76	605706	20.0
2-Benzothiophene #	8.12	2.8	ng	103840	2	8.04	742996	20.0
Quinoline	8.41	3.6	ng	132711	2	8.04	742996	20.0
Benzo[h]quinoline	11.35	2.5	ng	83366	4	11.28	659563	20.0